

Data File : VN055658.D
Acq On : 18 May 2019 11:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: May 20 02:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	495544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177023	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.59	113	163306	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.09	98	606158	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	213168	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	109962	45.472	ug/l	99
3) Chloromethane	2.06	50	150148	46.550	ug/l	99
4) Vinyl Chloride	2.18	62	167353	47.915	ug/l	98
5) Bromomethane	2.57	94	111585	50.130	ug/l	100
6) Chloroethane	2.71	64	98123	50.597	ug/l	100
7) Trichlorofluoromethane	3.03	101	219501	49.042	ug/l	98
8) Diethyl Ether	3.41	74	90450	50.305	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	126525	46.369	ug/l	99
10) Methyl Iodide	3.96	142	187291	47.611	ug/l	99
11) Tert butyl alcohol	4.77	59	137037	213.289	ug/l	99
12) 1,1-Dichloroethene	3.74	96	137782	48.002	ug/l	99
13) Acrolein	3.61	56	68121	208.086	ug/l	100
14) Allyl chloride	4.33	41	187112	40.380	ug/l	92
15) Acrylonitrile	4.99	53	354789	248.201	ug/l	100
16) Acetone	3.81	43	280960	199.826	ug/l	99
17) Carbon Disulfide	4.06	76	369525	46.310	ug/l	100
18) Methyl Acetate	4.32	43	145390	48.233	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	475038	50.026	ug/l	98
20) Methylene Chloride	4.56	84	155681	48.518	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	148309	48.503	ug/l	100
22) Diisopropyl ether	5.95	45	443928	48.347	ug/l	99
23) Vinyl Acetate	5.90	43	1886944	242.189	ug/l	99
24) 1,1-Dichloroethane	5.85	63	269598	50.075	ug/l	100
25) 2-Butanone	6.83	43	451769	229.800	ug/l	98
26) 2,2-Dichloropropane	6.83	77	106714	22.333	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	174166	48.915	ug/l	94
28) Bromochloromethane	7.20	49	119317	50.941	ug/l	97
29) Tetrahydrofuran	7.21	42	306160	235.066	ug/l	98
30) Chloroform	7.37	83	271354	49.100	ug/l	99
31) Cyclohexane	7.66	56	231015	45.211	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	242645	48.951	ug/l	99
36) 1,1-Dichloropropene	7.80	75	202431	45.819	ug/l	99
37) Ethyl Acetate	6.93	43	197126	49.445	ug/l	100
38) Carbon Tetrachloride	7.78	117	217365	46.041	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	227681	42.750	ug/l	99
40) Benzene	8.04	78	620463	47.747	ug/l	99
41) Methacrylonitrile	7.21	41	273986	160.743	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	204615	48.625	ug/l	100
43) Isopropyl Acetate	8.16	43	362598	52.286	ug/l	97
44) Trichloroethene	8.84	130	182100	49.661	ug/l	98
45) 1,2-Dichloropropane	9.12	63	162137	47.362	ug/l	99
46) Dibromomethane	9.21	93	109209	48.741	ug/l	97
47) Bromodichloromethane	9.40	83	224269	47.758	ug/l	99
48) Methyl methacrylate	9.20	41	150786	48.645	ug/l	98
49) 1,4-Dioxane	9.20	88	53668	871.329	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	940485	231.195	ug/l	99
52) Toluene	10.16	92	392022	48.097	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	222196	43.963	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	241096	43.543	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	162091	48.307	ug/l	98
56) Ethyl methacrylate	10.43	69	248667	47.473	ug/l	98
57) 1,3-Dichloropropane	10.71	76	259886	48.902	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	528134	237.296	ug/l	99
59) 2-Hexanone	10.75	43	659431	230.246	ug/l	99
60) Dibromochloromethane	10.90	129	192517	50.623	ug/l	99
61) 1,2-Dibromoethane	11.01	107	165930	49.423	ug/l	99
64) Tetrachloroethene	10.63	164	178930	51.561	ug/l	98
65) Chlorobenzene	11.43	112	426715	47.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	172043	48.056	ug/l	99
67) Ethyl Benzene	11.51	91	740588	46.716	ug/l	100
68) m/p-Xylenes	11.62	106	562304	93.926	ug/l	98
69) o-Xylene	11.95	106	275313	47.019	ug/l	98
70) Styrene	11.96	104	475576	48.848	ug/l	98
71) Bromoform	12.13	173	153524	50.603	ug/l #	99
73) Isopropylbenzene	12.25	105	720144	48.451	ug/l	99
74) N-amyl acetate	12.07	43	269938	45.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	224235	48.202	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	261879	60.686	ug/l #	100
77) Bromobenzene	12.53	156	223207	51.392	ug/l	82
78) n-propylbenzene	12.59	91	783207	41.704	ug/l	99
79) 2-Chlorotoluene	12.67	91	474445	47.108	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	600984	47.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57378	34.180	ug/l	100
82) 4-Chlorotoluene	12.77	91	474520	42.884	ug/l	99
83) tert-Butylbenzene	12.99	119	522316	48.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	598136	47.152	ug/l	99
85) sec-Butylbenzene	13.17	105	667757	47.106	ug/l	99
86) p-Isopropyltoluene	13.29	119	606892	45.963	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	330054	45.961	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	321583	46.901	ug/l	99
89) n-Butylbenzene	13.61	91	482513	41.579	ug/l	99
90) Hexachloroethane	13.87	117	122803	48.775	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	327552	45.757	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43675	45.507	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
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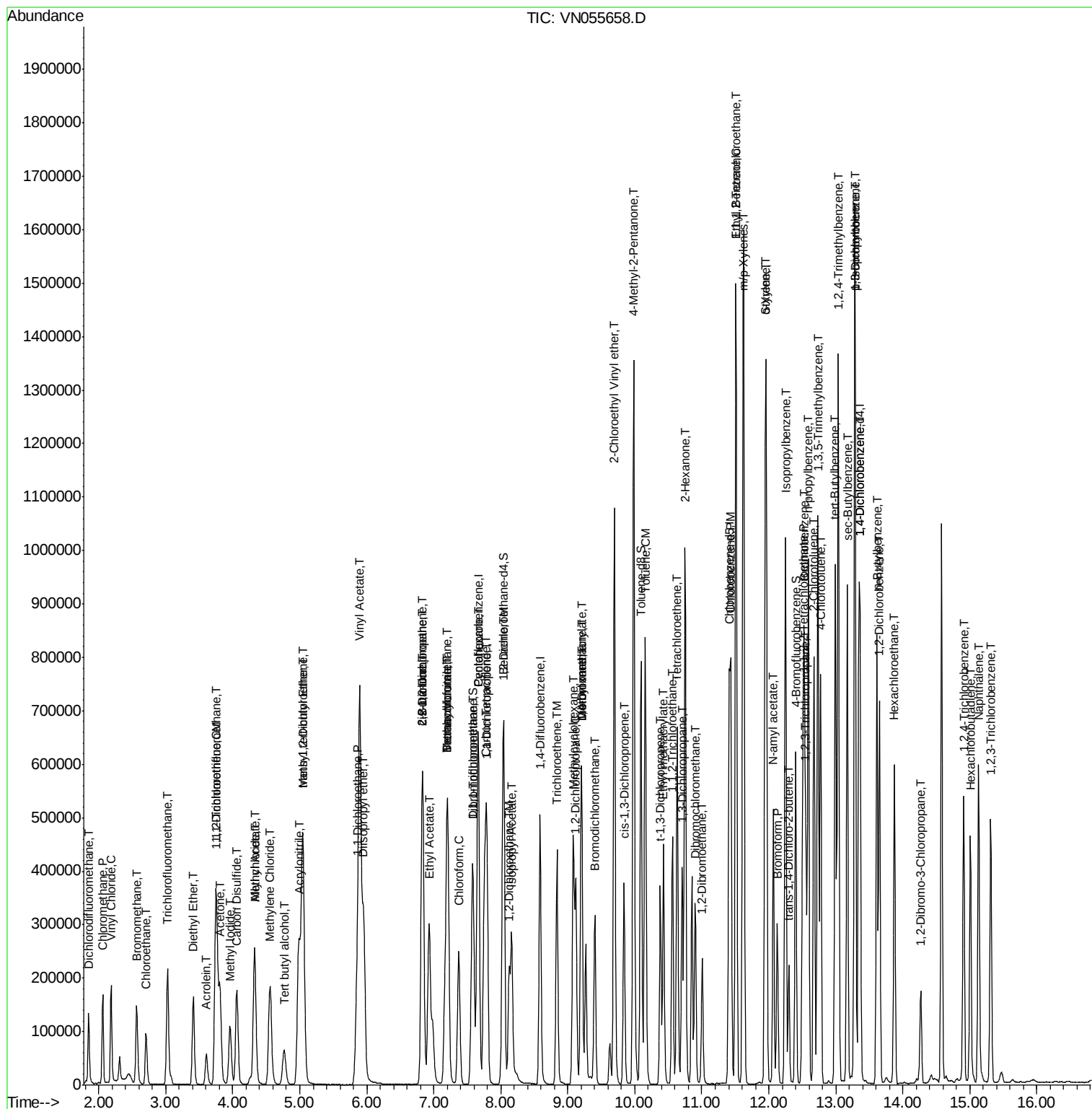
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	190328	52.233	ug/l	99
94) Hexachlorobutadiene	15.01	225	100983	45.664	ug/l	99
95) Naphthalene	15.13	128	535487	48.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	193380	50.757	ug/l	100

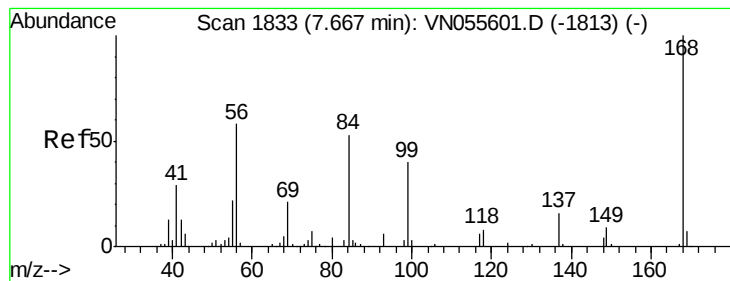
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN055658.D
Acq On : 18 May 2019 11:11
Operator : JC/SP
Sample : VSTDC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDC050EC

Quant Time: May 20 02:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

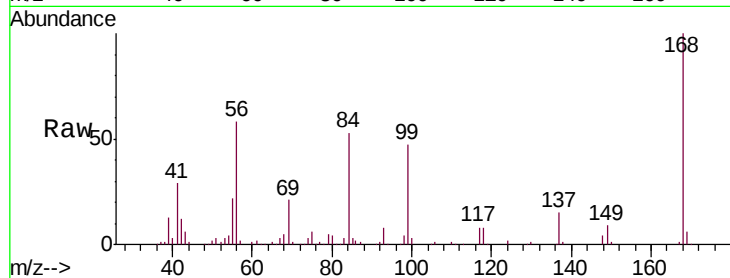
VSTDCCC050EC

Tgt Ion:168 Resp: 314298

Ion Ratio Lower Upper

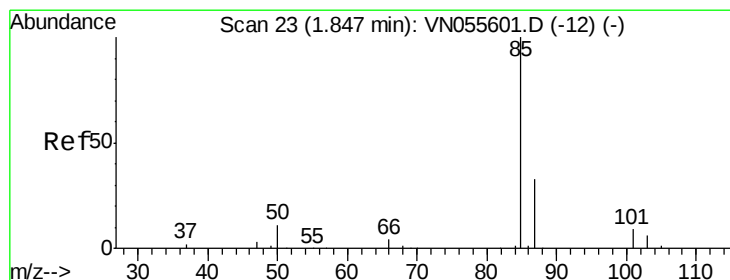
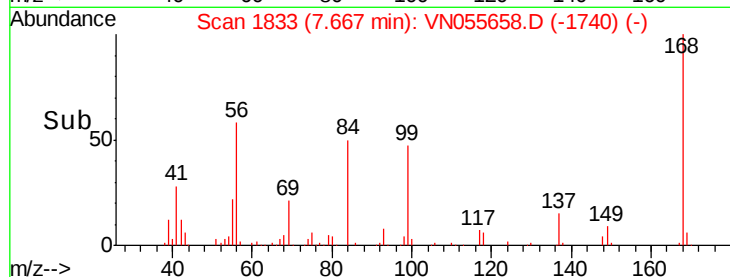
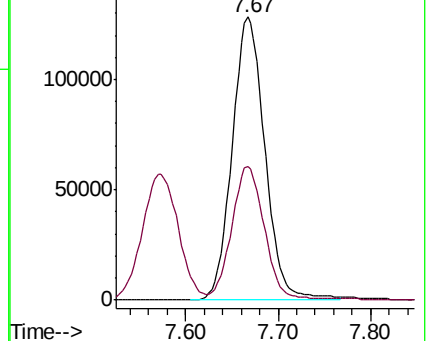
168 100

99 46.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 45.472 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055658.D

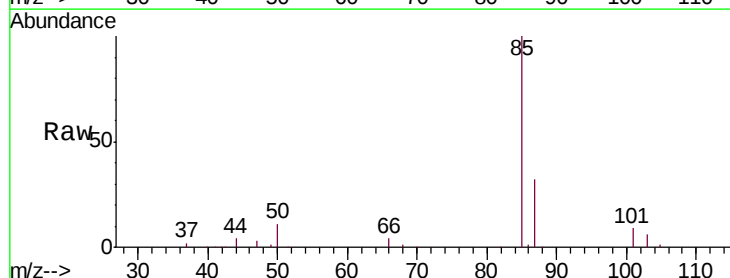
Acq: 18 May 2019 11:11

Tgt Ion: 85 Resp: 109962

Ion Ratio Lower Upper

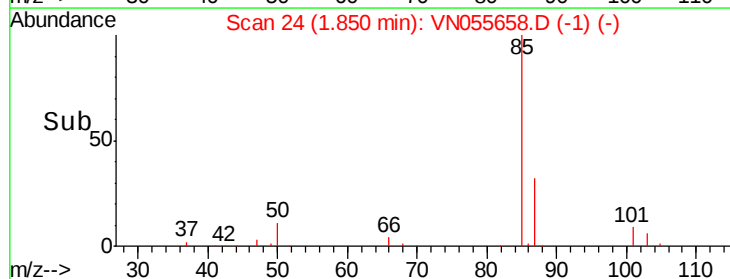
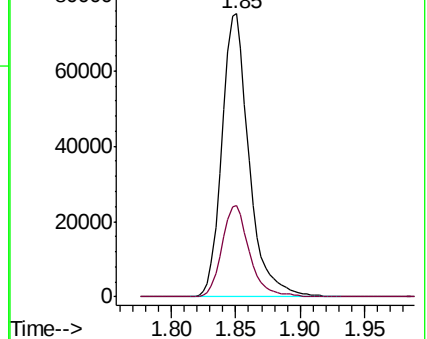
85 100

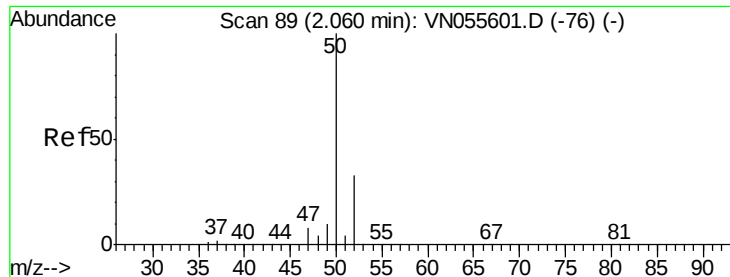
87 32.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 46.550 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

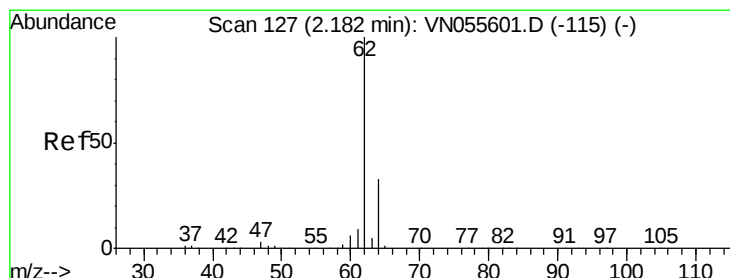
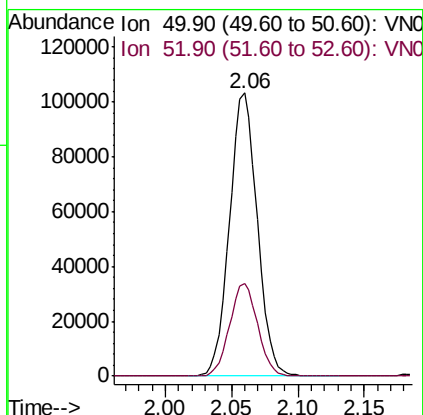
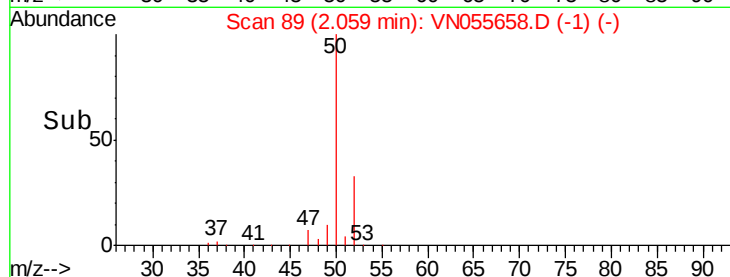
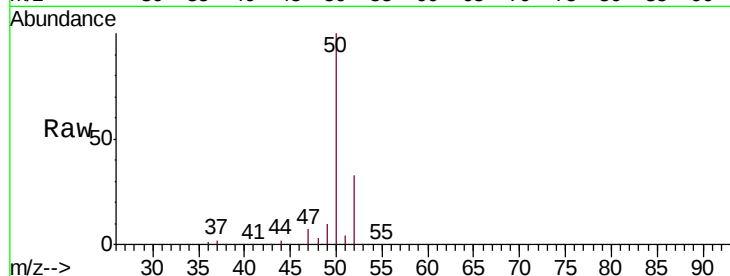
VSTDCCC050EC

Tgt Ion: 50 Resp: 150148

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 47.915 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055658.D

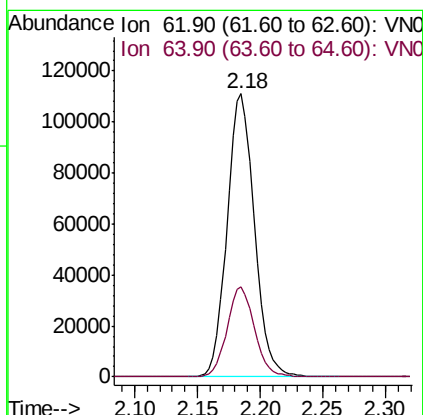
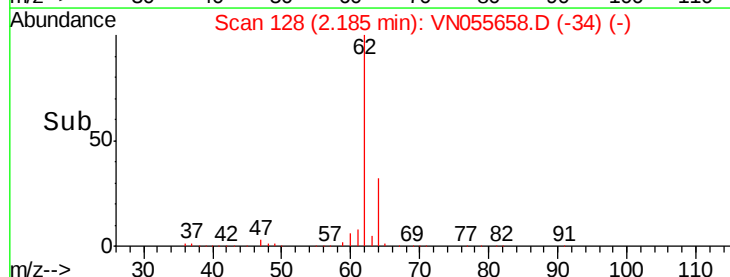
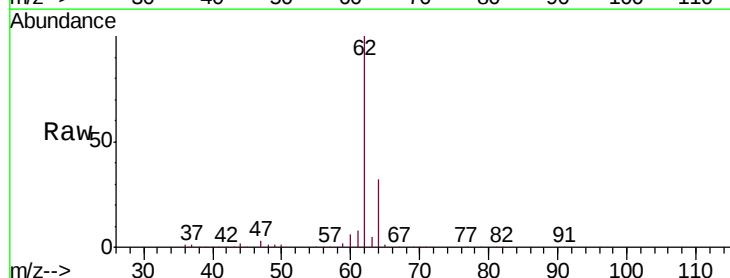
Acq: 18 May 2019 11:11

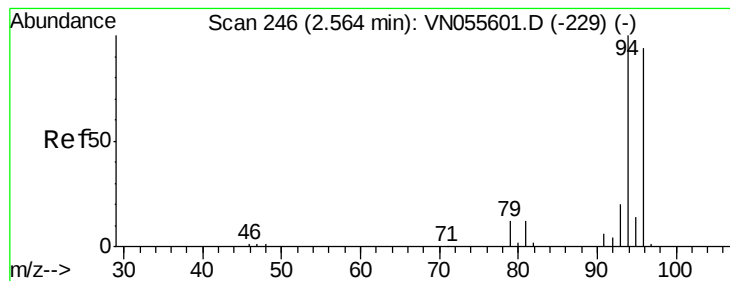
Tgt Ion: 62 Resp: 167353

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.4





#5

Bromomethane

Concen: 50.130 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

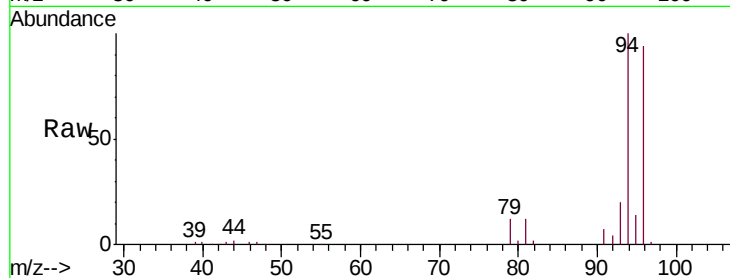
VSTDCCC050EC

Tgt Ion: 94 Resp: 111585

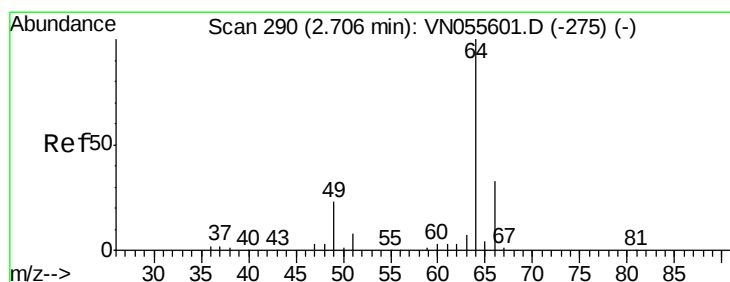
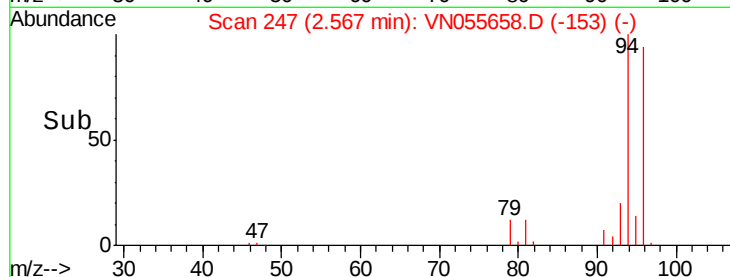
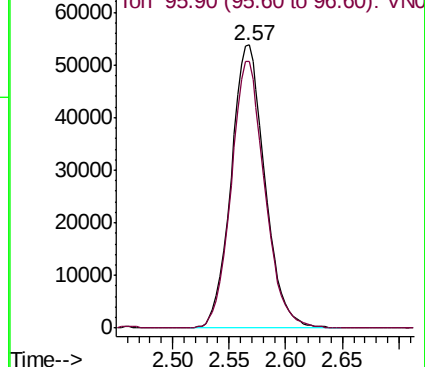
Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN055601.D (-229) (-)



#6

Chloroethane

Concen: 50.597 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN055658.D

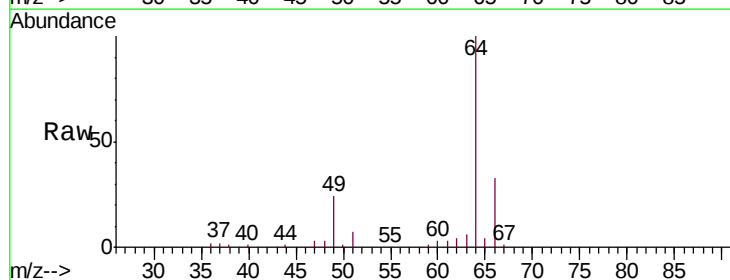
Acq: 18 May 2019 11:11

Tgt Ion: 64 Resp: 98123

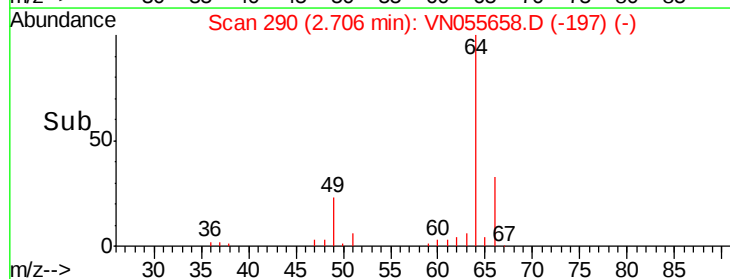
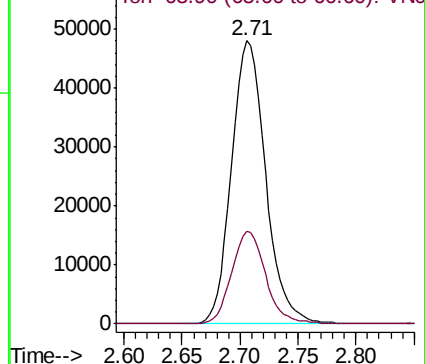
Ion Ratio Lower Upper

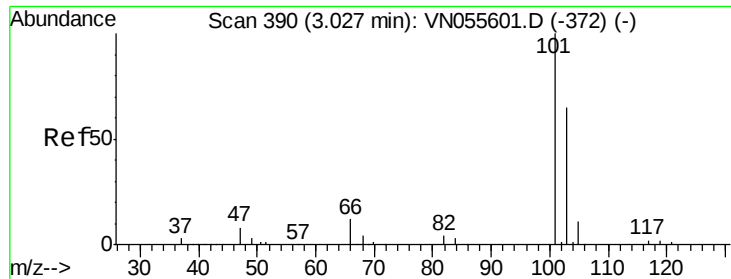
64 100

66 32.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN055601.D (-275) (-)



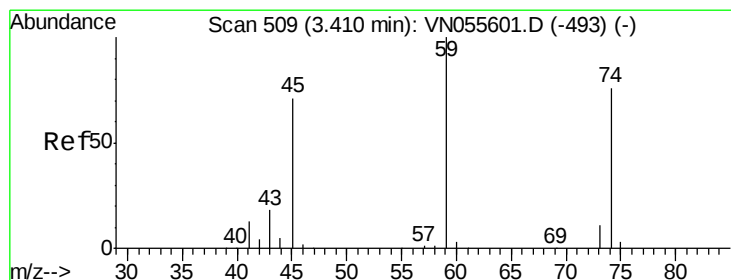
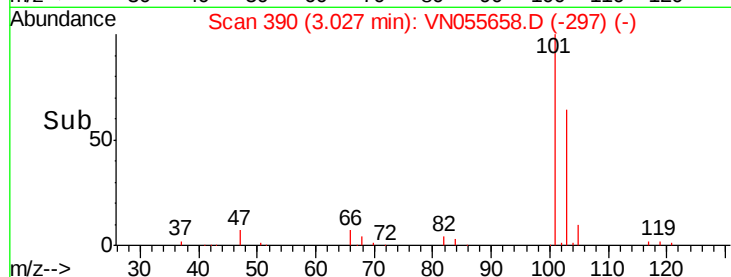
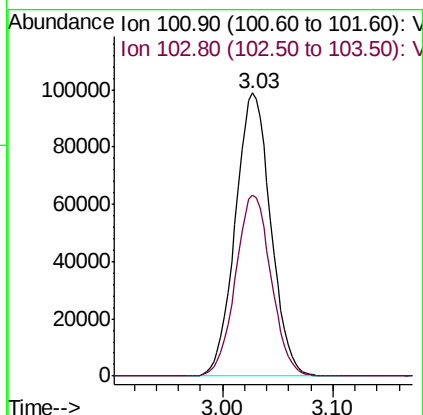
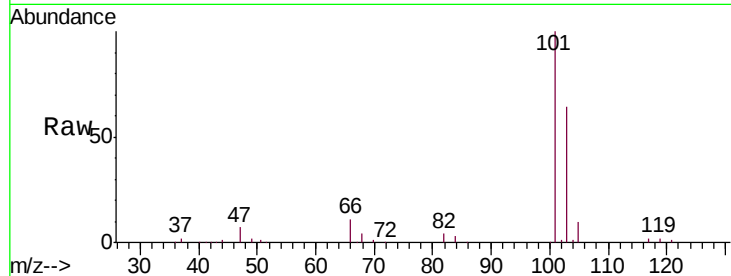


#7

Trichlorofluoromethane
 Concen: 49.042 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Instrument :
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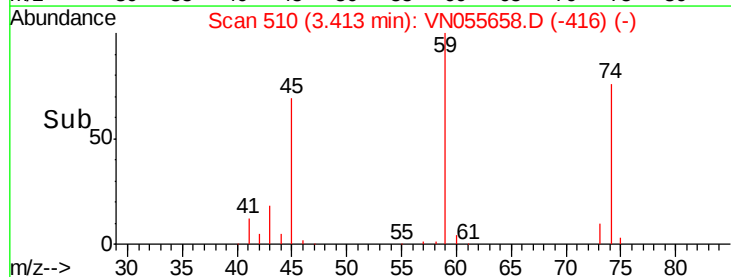
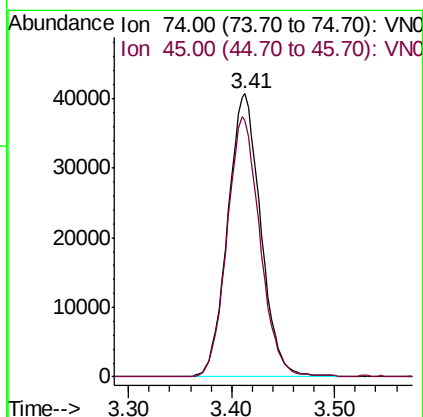
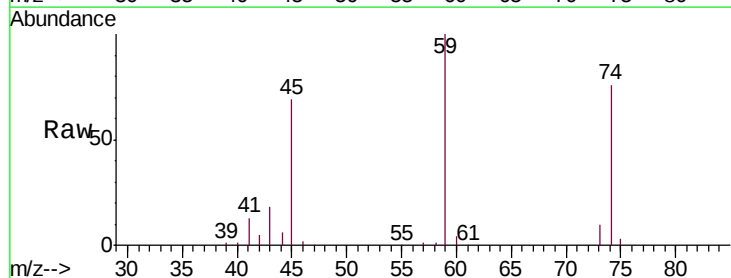
Tgt Ion: 101 Resp: 219501
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

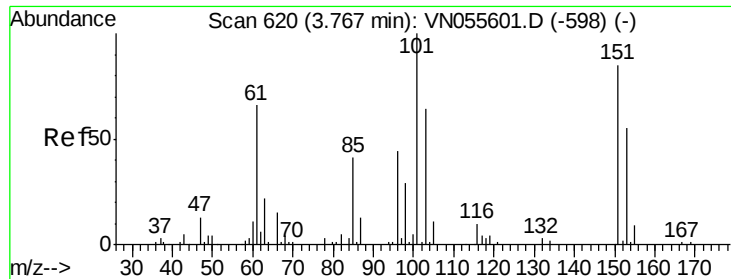


#8

Diethyl Ether
 Concen: 50.305 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 74 Resp: 90450
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.369 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

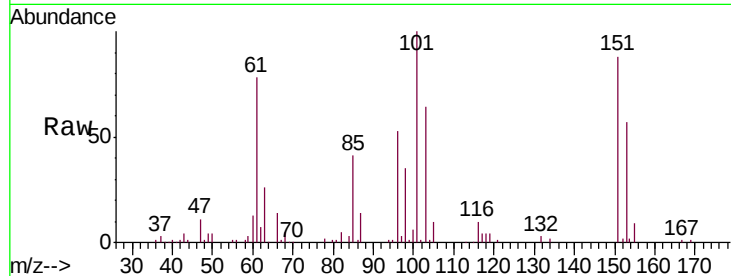
Tgt Ion:101 Resp: 126525

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.0

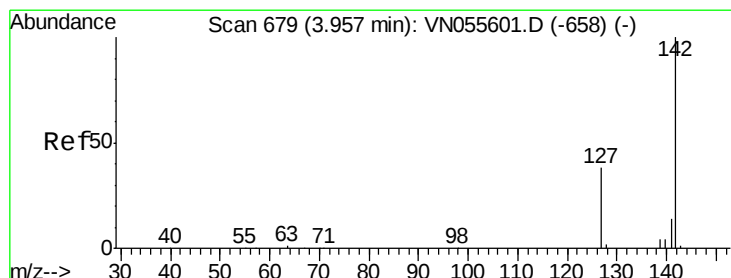
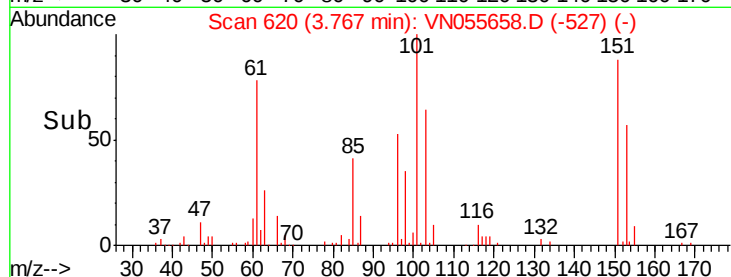
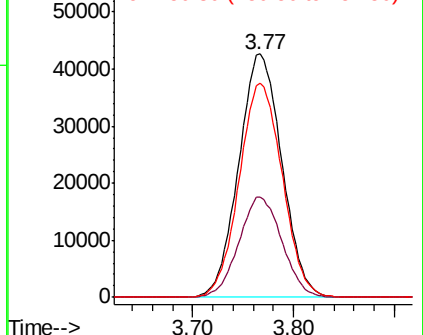
151 88.1 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.611 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

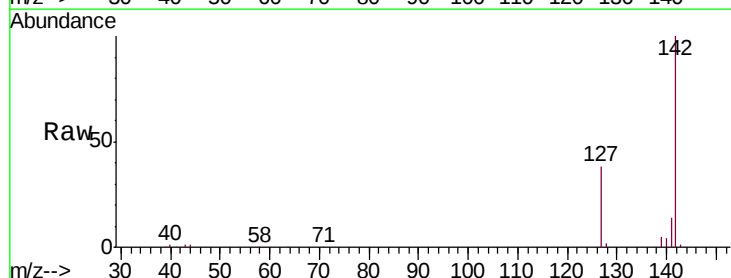
Tgt Ion:142 Resp: 187291

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

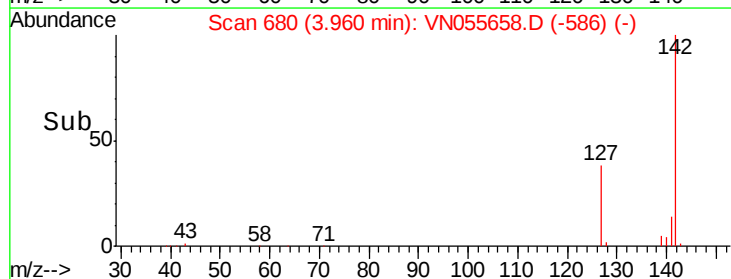
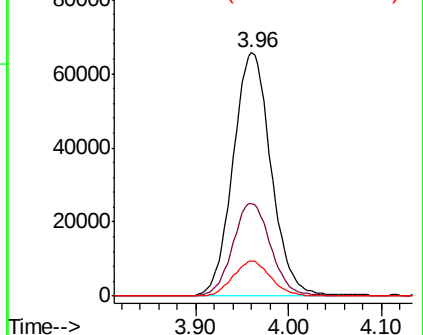
141 14.3 11.5 17.3

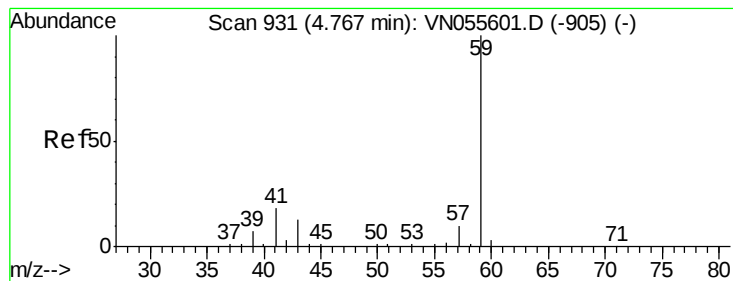


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



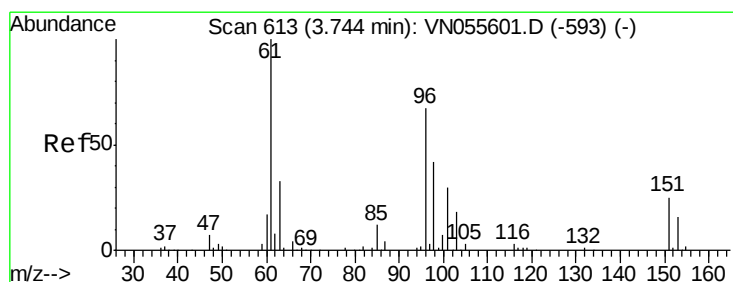
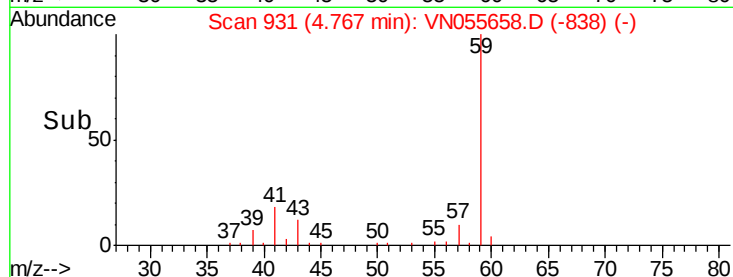
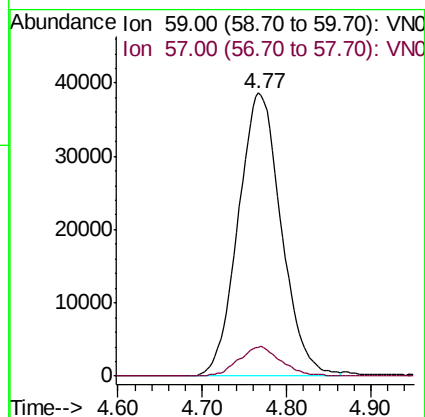
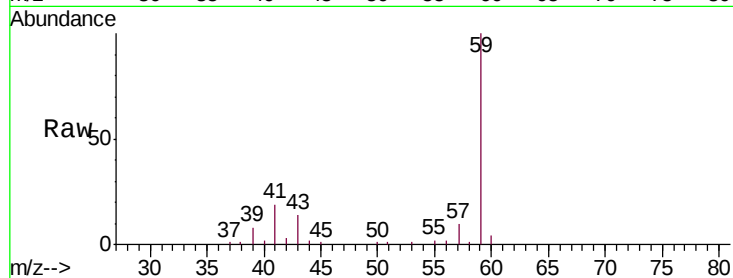


#11

Tert butyl alcohol
 Concen: 213.289 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

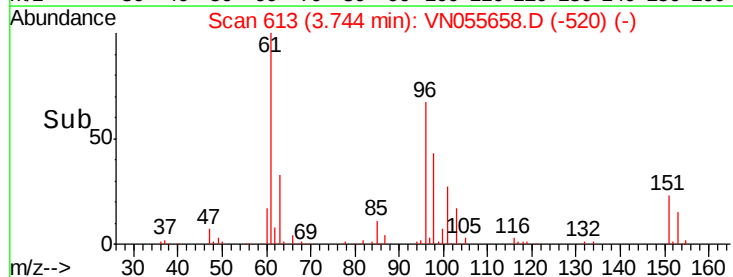
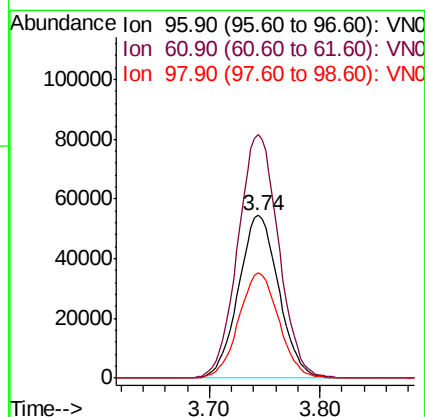
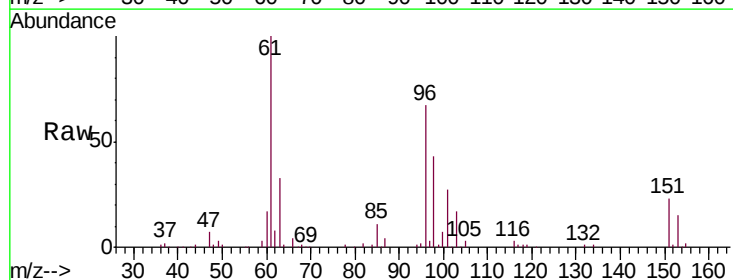
Tgt Ion: 59 Resp: 137037
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

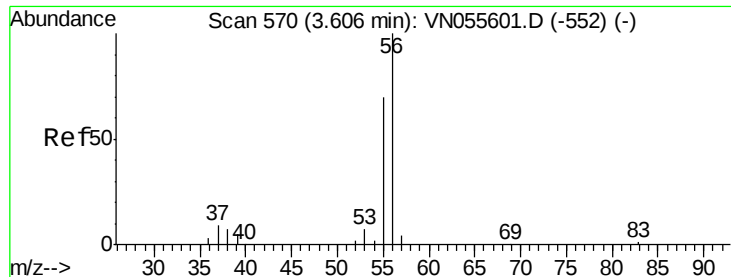


#12

1,1-Dichloroethene
 Concen: 48.002 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 96 Resp: 137782
 Ion Ratio Lower Upper
 96 100
 61 149.6 120.2 180.2
 98 64.9 50.6 75.8





#13

Acrolein

Concen: 208.086 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

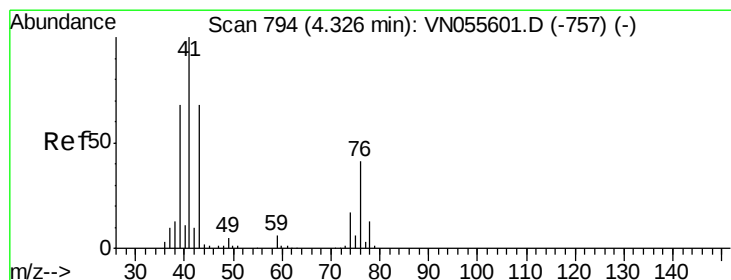
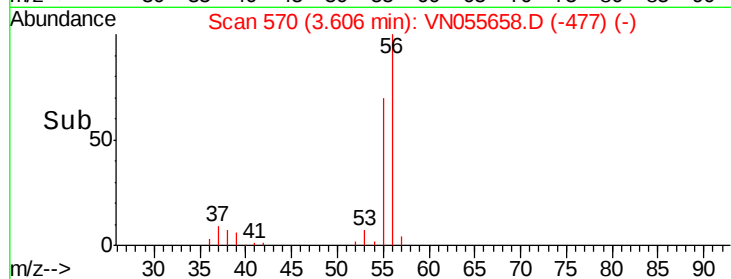
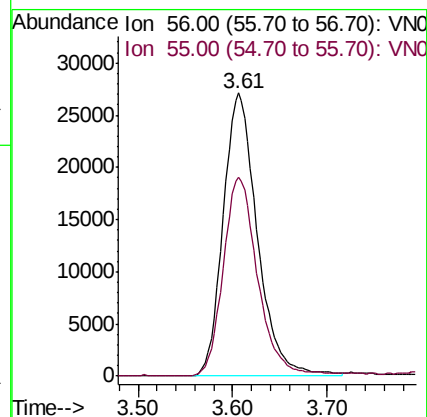
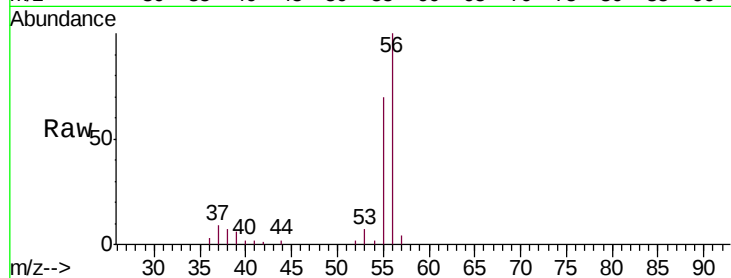
VSTDCCC050EC

Tgt Ion: 56 Resp: 68121

Ion Ratio Lower Upper

56 100

55 70.9 56.5 84.7



#14

Allyl chloride

Concen: 40.380 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

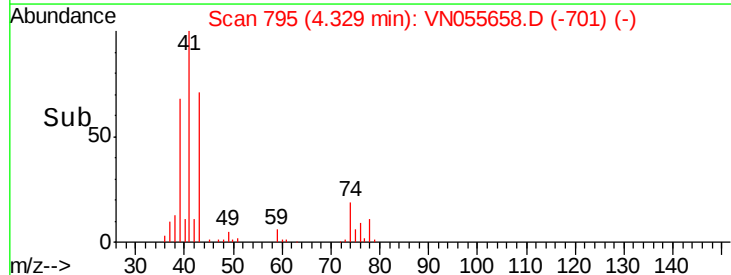
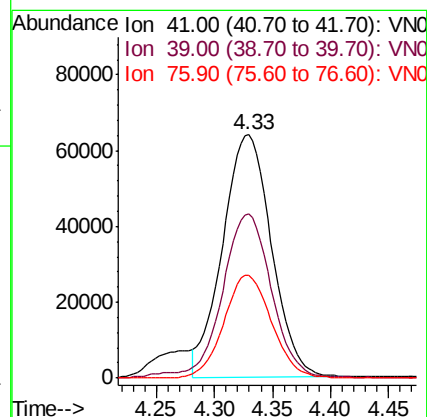
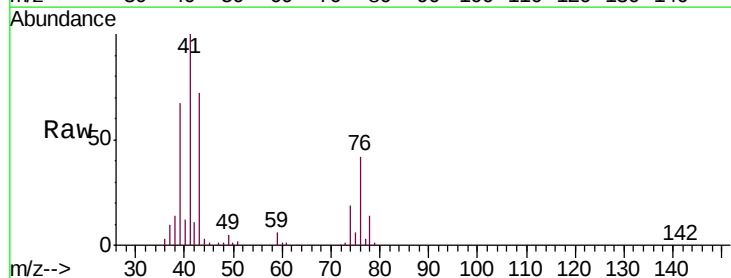
Tgt Ion: 41 Resp: 187112

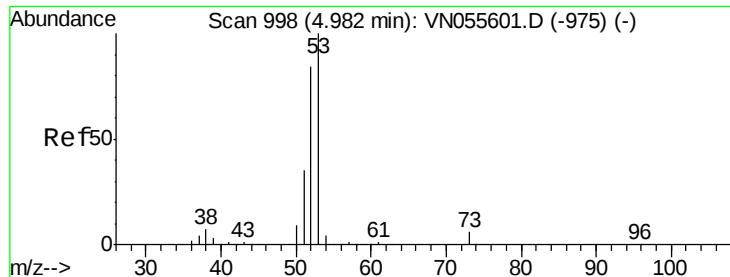
Ion Ratio Lower Upper

41 100

39 68.9 50.5 75.7

76 41.5 29.2 43.8





#15

Acrylonitrile

Concen: 248.201 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

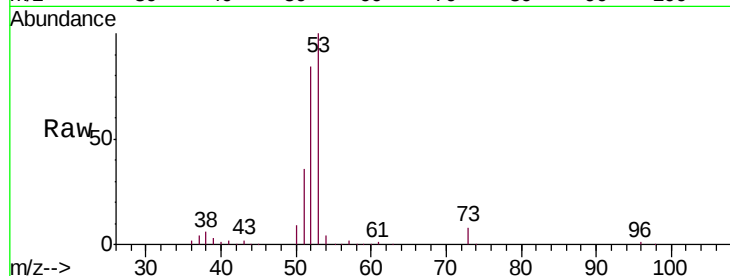
Tgt Ion: 53 Resp: 354789

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.4

51 35.8 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN055601.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055601.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055601.D (-975) (-)

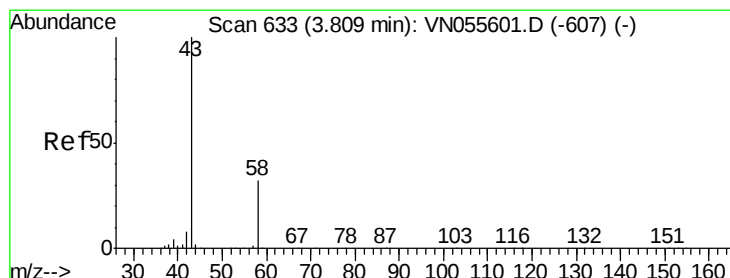
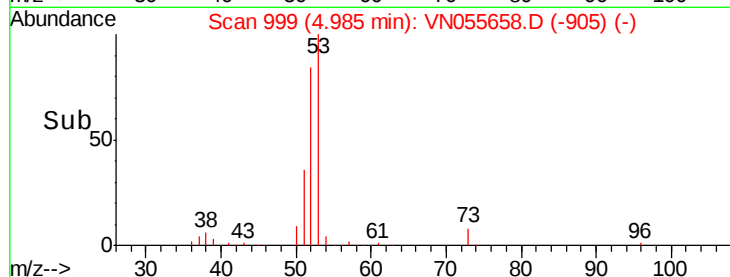
4.99

100000

50000

0

Time-->



#16

Acetone

Concen: 199.826 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055658.D

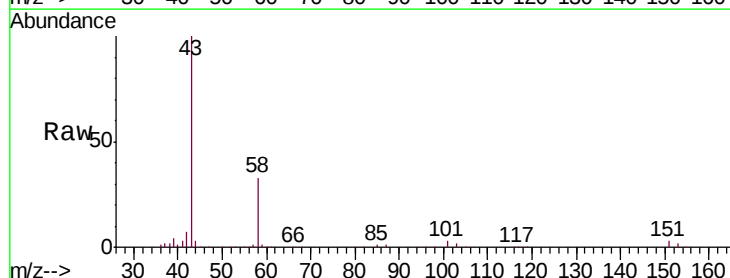
Acq: 18 May 2019 11:11

Tgt Ion: 43 Resp: 280960

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.81

120000

100000

80000

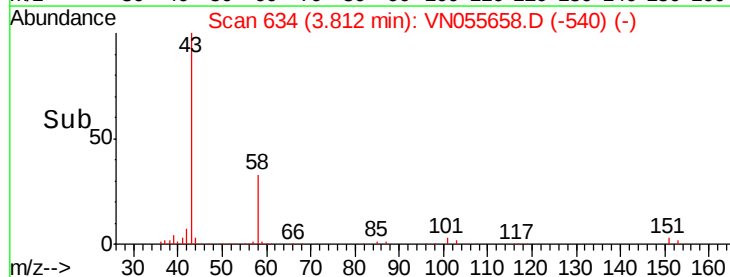
60000

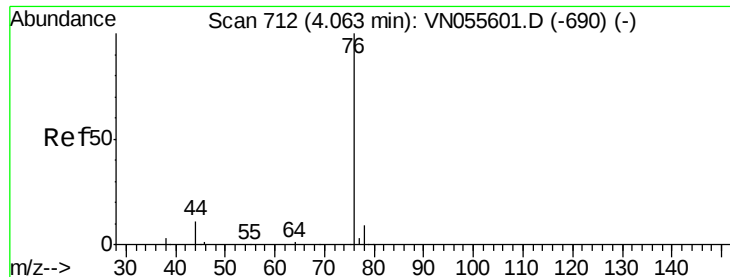
40000

20000

0

Time-->

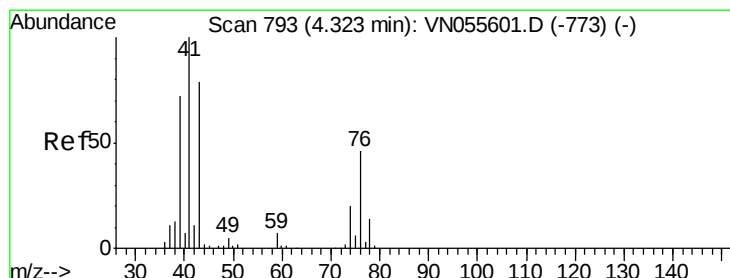
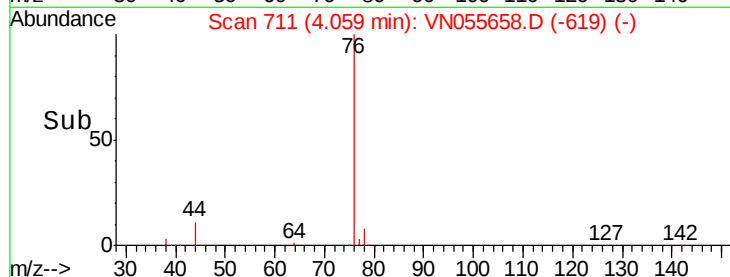
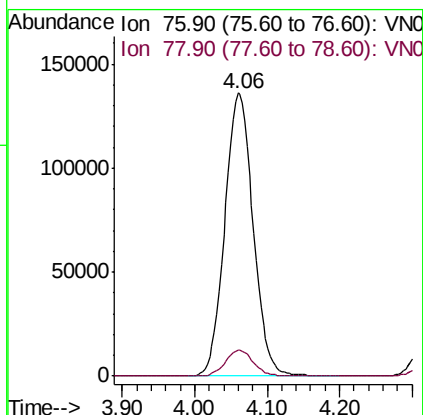
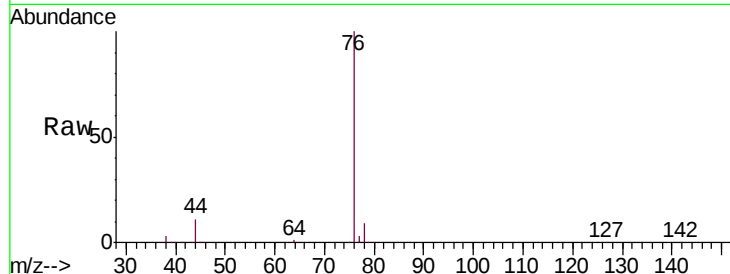




#17
Carbon Disulfide
Concen: 46.310 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

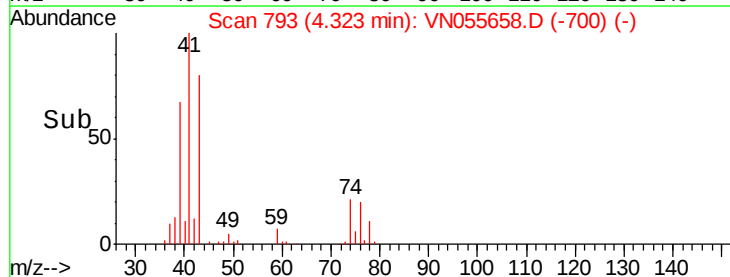
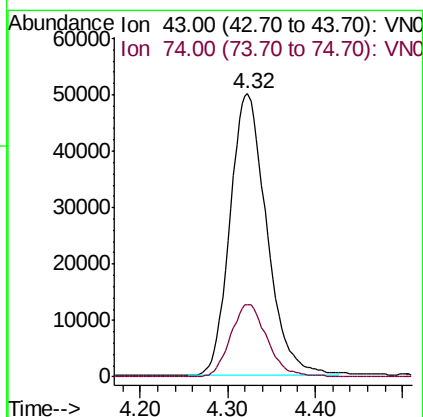
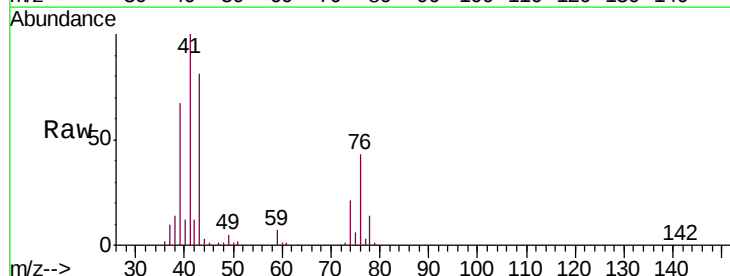
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

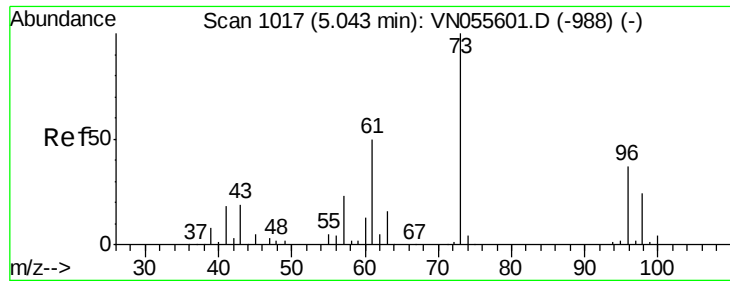
Tgt Ion: 76 Resp: 369525
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 48.233 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 43 Resp: 145390
Ion Ratio Lower Upper
43 100
74 25.8 19.9 29.9

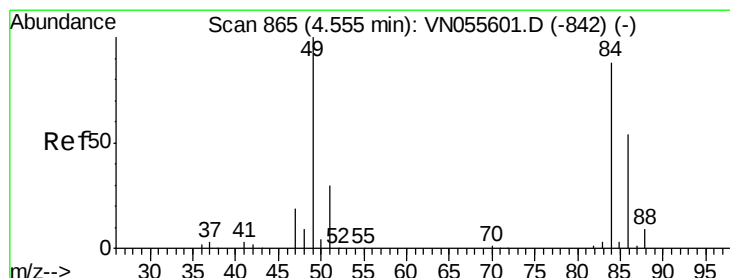
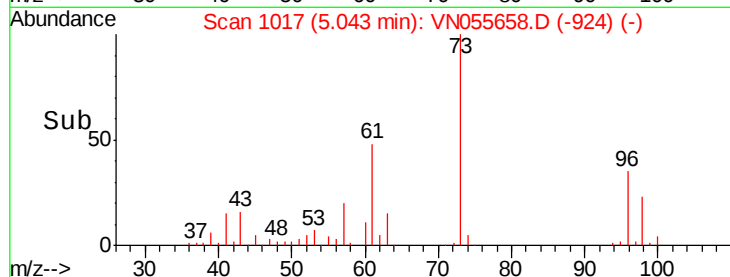
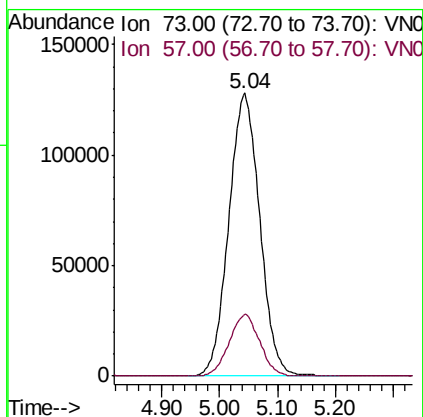
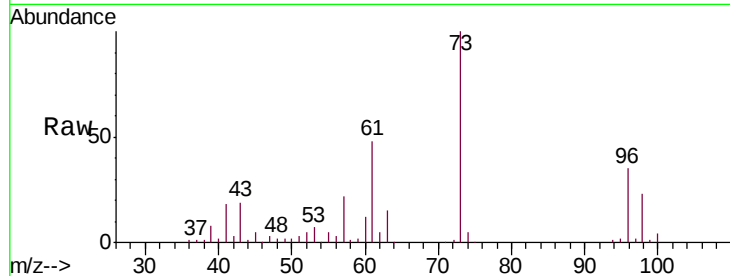




#19
Methyl tert-butyl Ether
Concen: 50.026 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

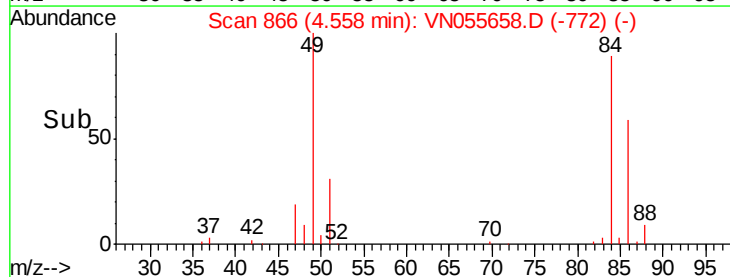
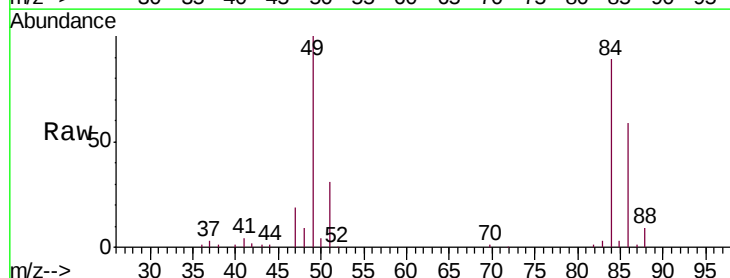
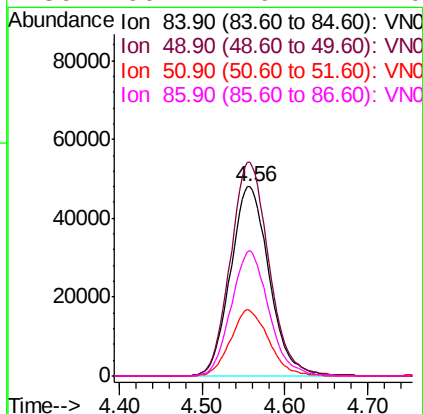
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

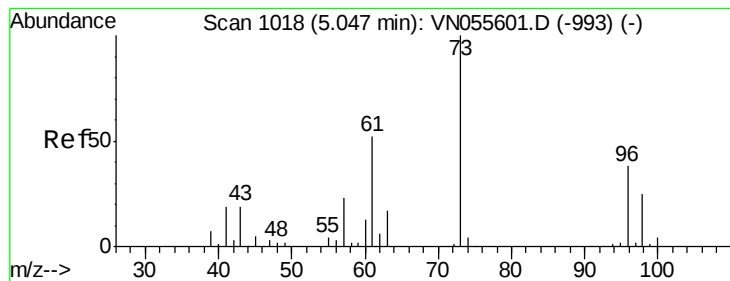
Tgt Ion: 73 Resp: 475038
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 48.518 ug/l
RT: 4.56 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 84 Resp: 155681
Ion Ratio Lower Upper
84 100
49 112.8 91.0 136.4
51 34.8 27.5 41.3
86 66.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.503 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

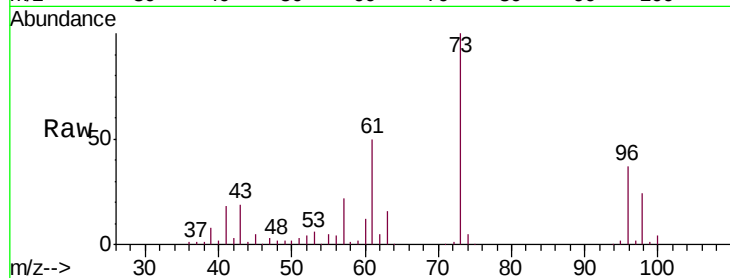
Tgt Ion: 96 Resp: 148309

Ion Ratio Lower Upper

96 100

61 135.3 108.6 162.8

98 64.6 51.4 77.0

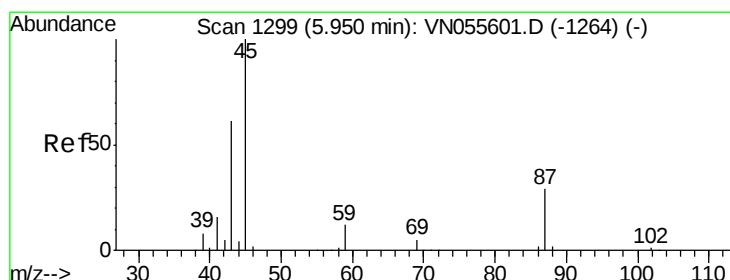
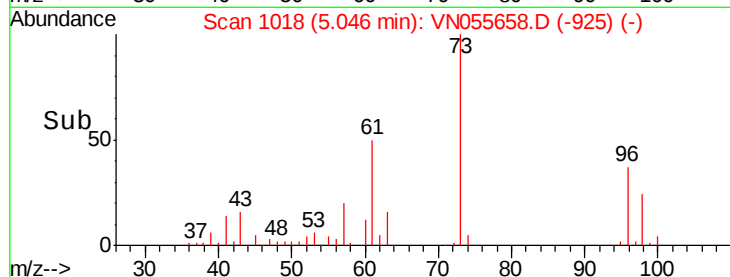
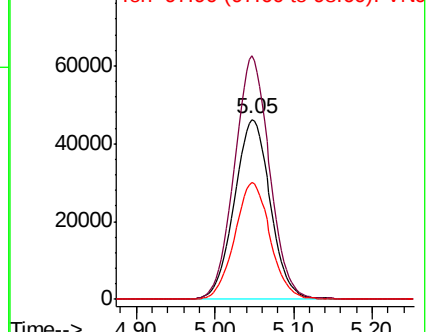


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.347 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Tgt Ion: 45 Resp: 443928

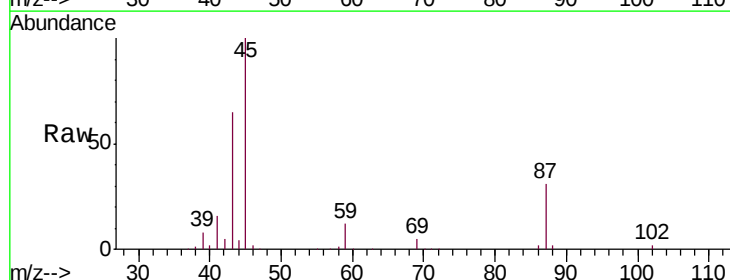
Ion Ratio Lower Upper

45 100

43 62.1 50.4 75.6

87 30.1 23.8 35.6

59 11.7 9.5 14.3



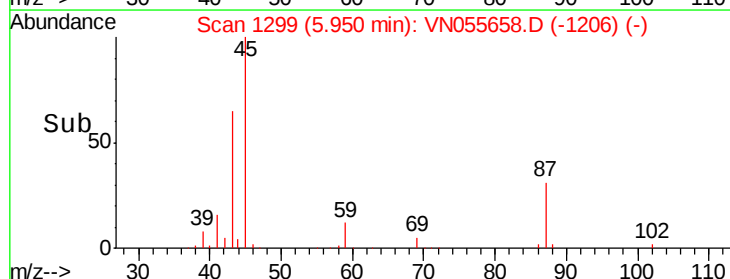
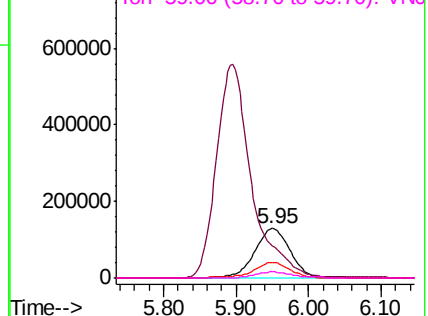
Abundance

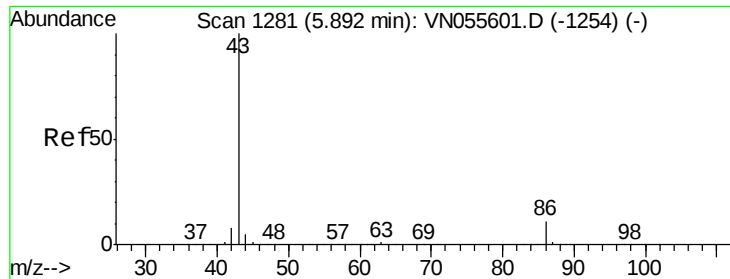
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 242.189 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

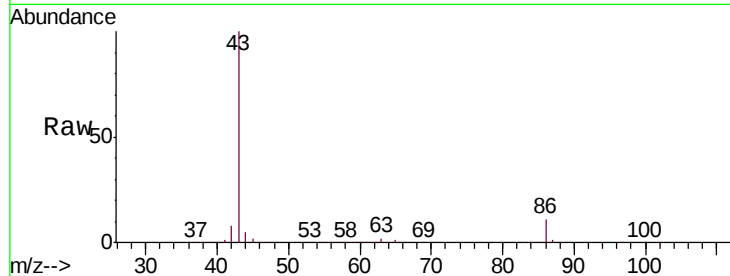
VSTDCCC050EC

Tgt Ion: 43 Resp: 1886944

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

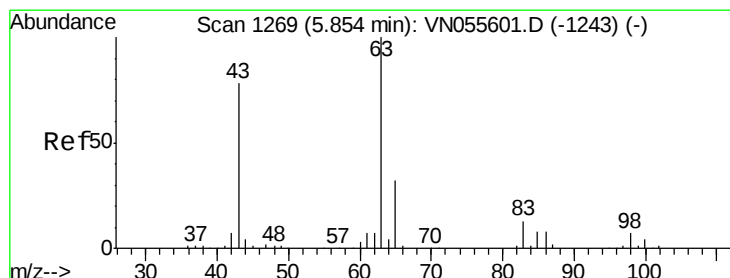
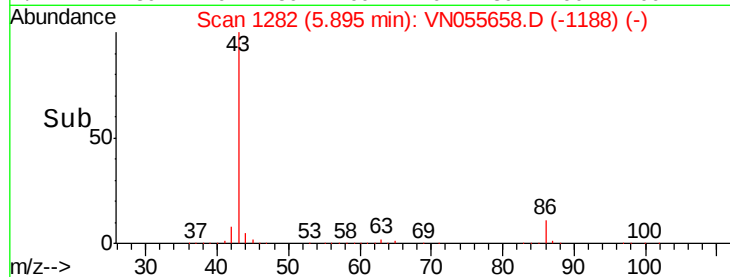
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.075 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

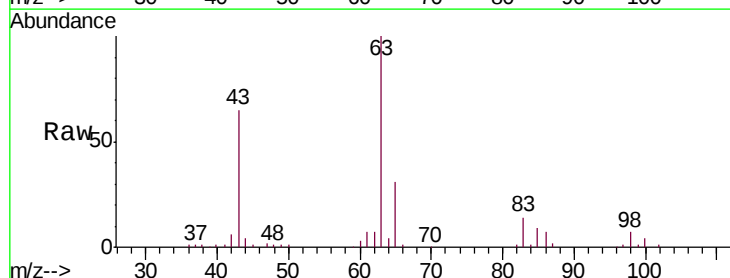
Tgt Ion: 63 Resp: 269598

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

100000

80000

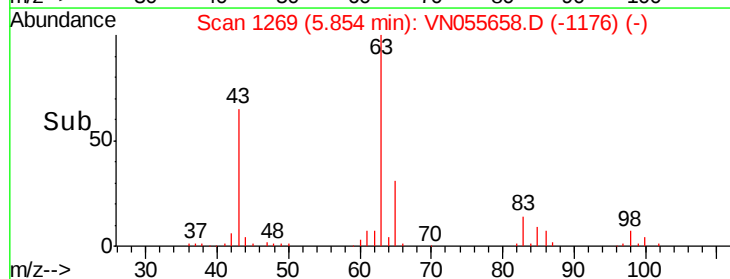
60000

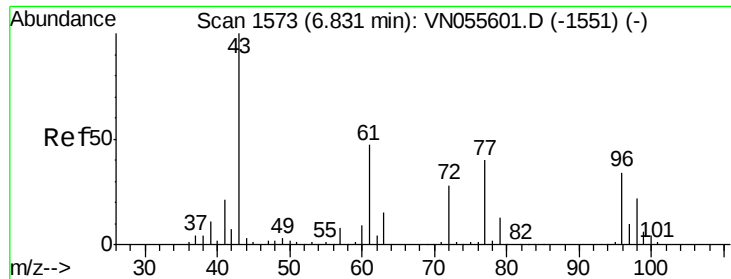
40000

20000

0

Time-->

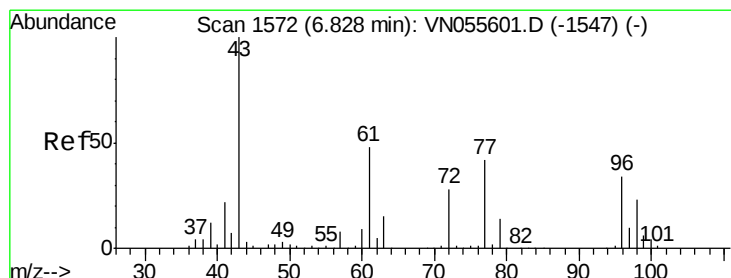
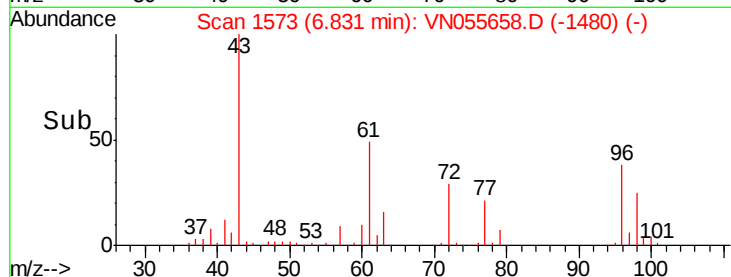
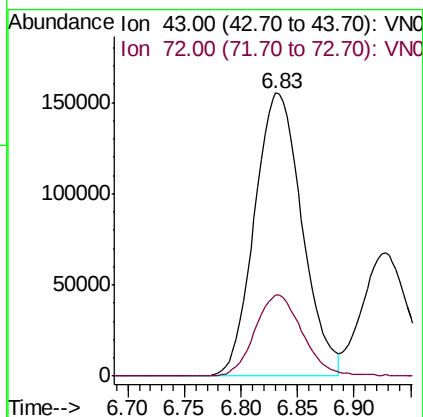
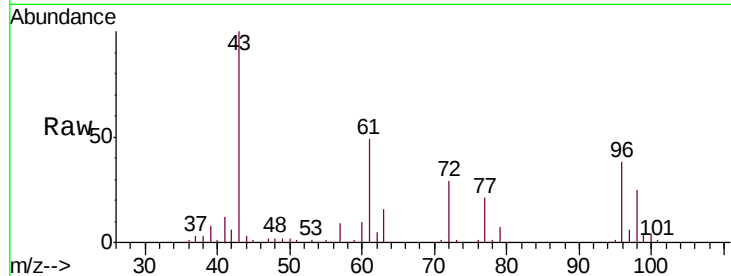




#25
2-Butanone
Concen: 229.800 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

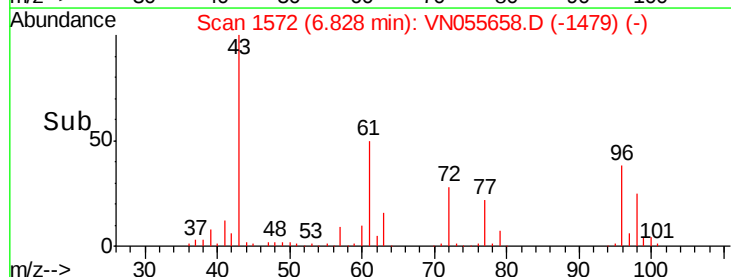
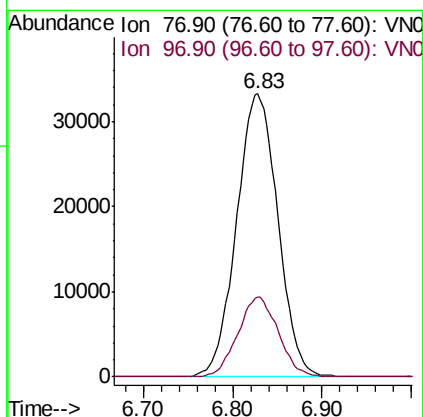
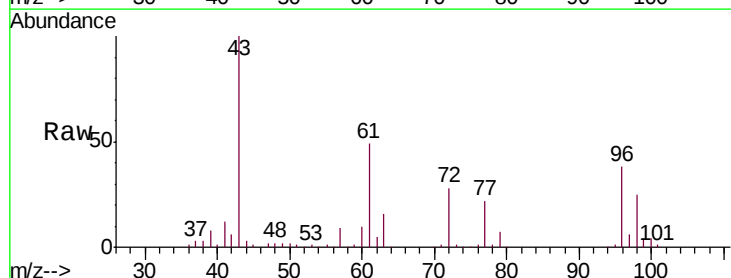
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

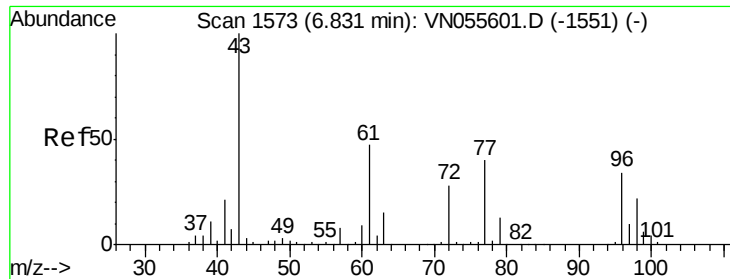
Tgt Ion: 43 Resp: 451769
Ion Ratio Lower Upper
43 100
72 28.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 22.333 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 77 Resp: 106714
Ion Ratio Lower Upper
77 100
97 27.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.915 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

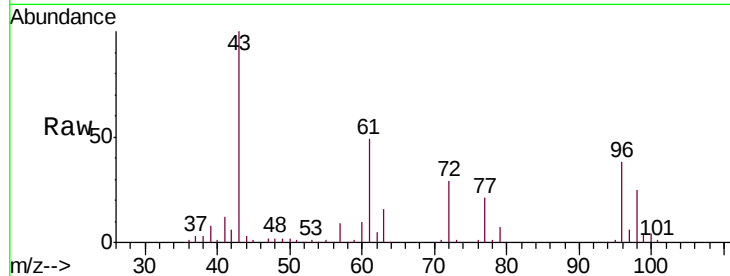
Tgt Ion: 96 Resp: 174166

Ion Ratio Lower Upper

96 100

61 128.3 0.0 279.0

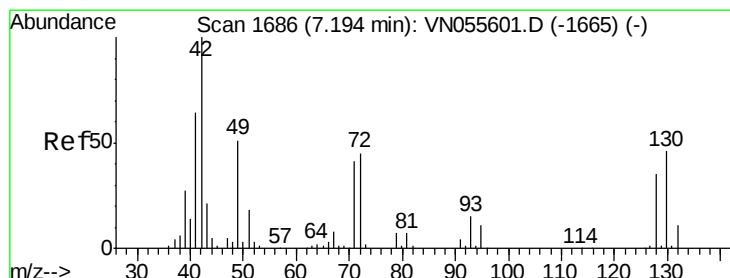
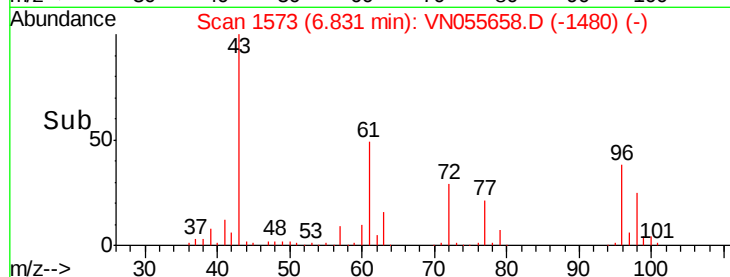
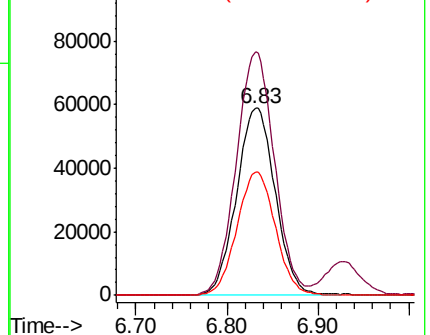
98 65.5 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055601.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN055601.D (-1551) (-)



#28

Bromochloromethane

Concen: 50.941 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

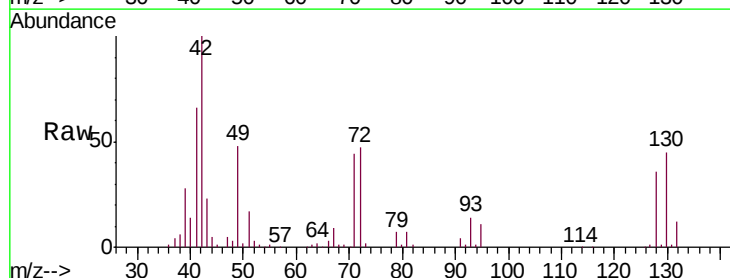
Tgt Ion: 49 Resp: 119317

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

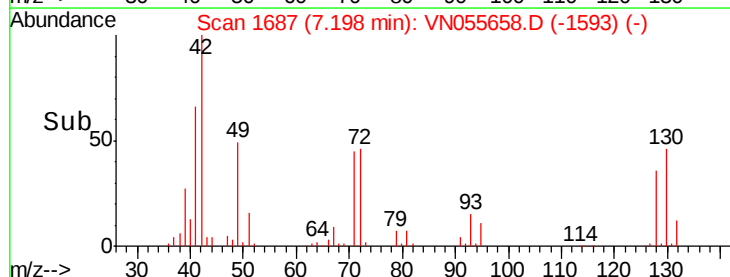
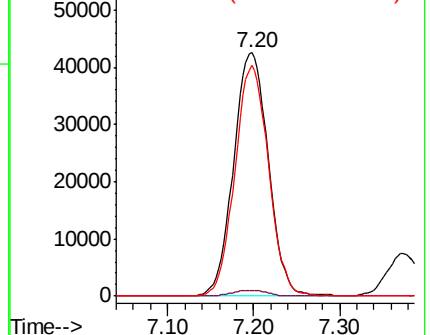
130 91.7 71.0 106.6

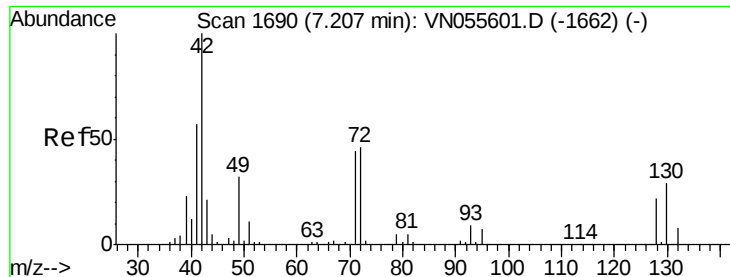


Abundance Ion 48.90 (48.60 to 49.60): VN055601.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055601.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055601.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 235.066 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

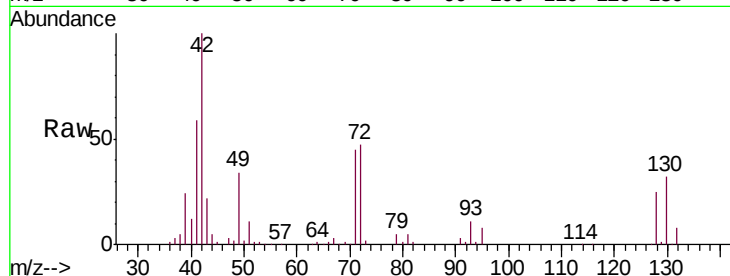
Tgt Ion: 42 Resp: 306160

Ion Ratio Lower Upper

42 100

72 46.8 36.5 54.7

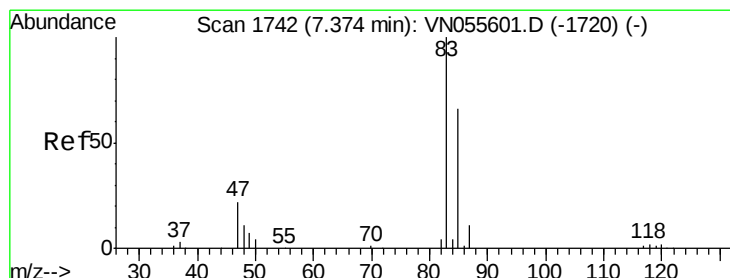
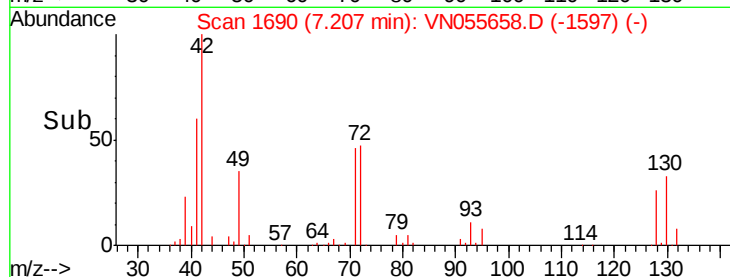
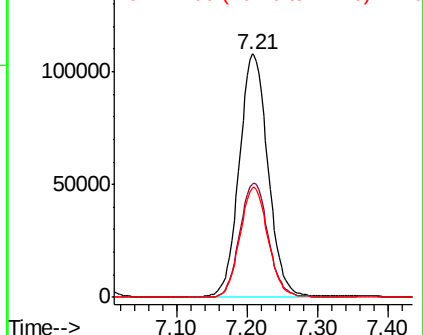
71 44.5 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.100 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055658.D

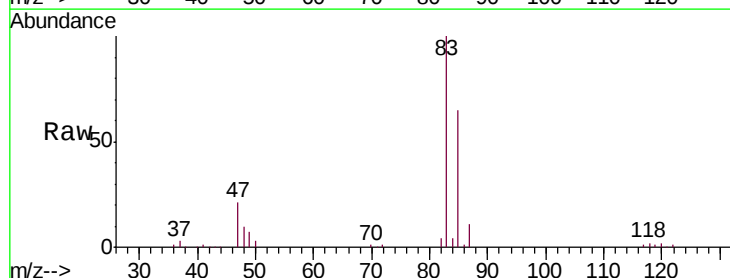
Acq: 18 May 2019 11:11

Tgt Ion: 83 Resp: 271354

Ion Ratio Lower Upper

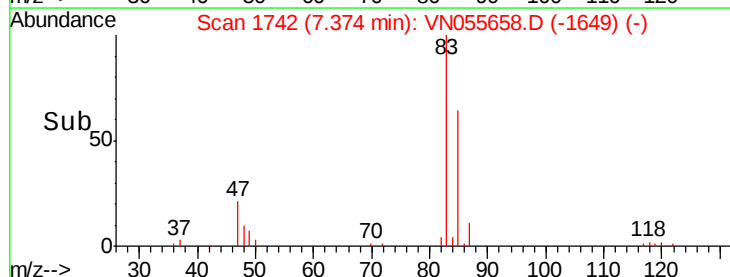
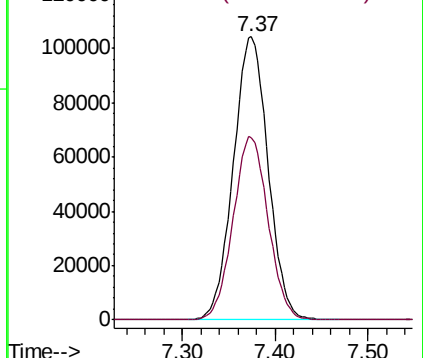
83 100

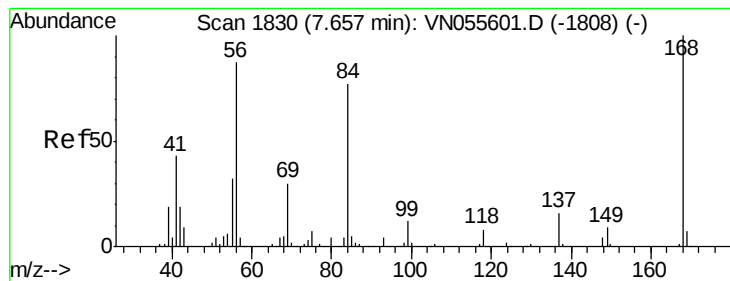
85 64.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 45.211 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

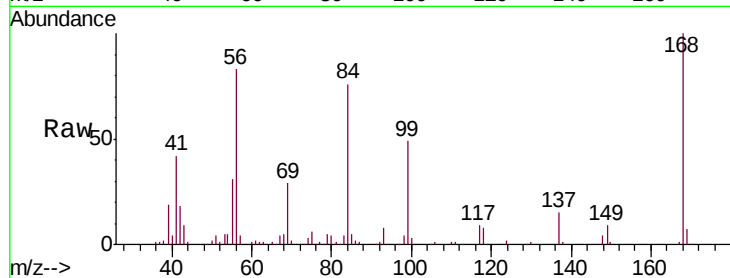
Tgt Ion: 56 Resp: 231015

Ion Ratio Lower Upper

56 100

69 34.7 27.2 40.8

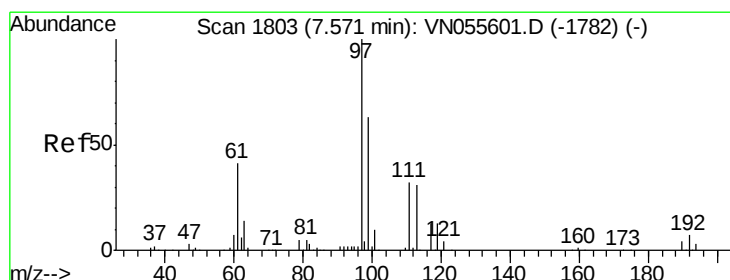
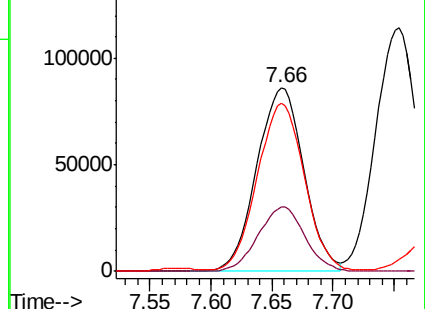
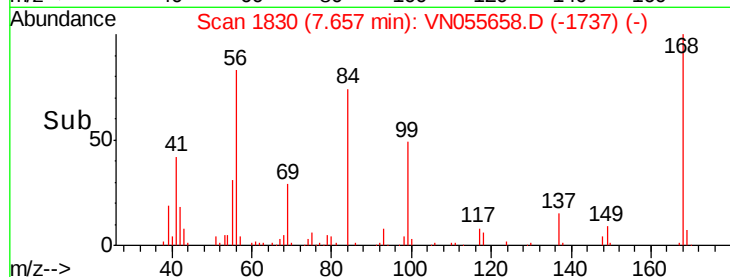
84 90.5 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055658.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055658.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055658.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 48.951 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

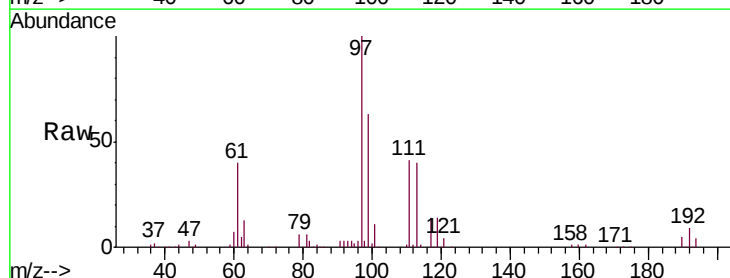
Tgt Ion: 97 Resp: 242645

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

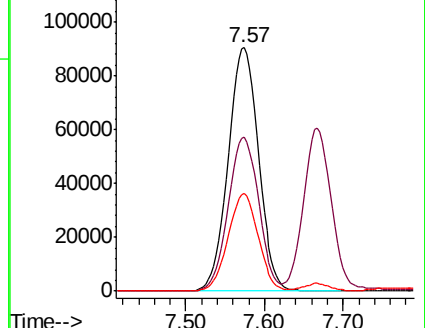
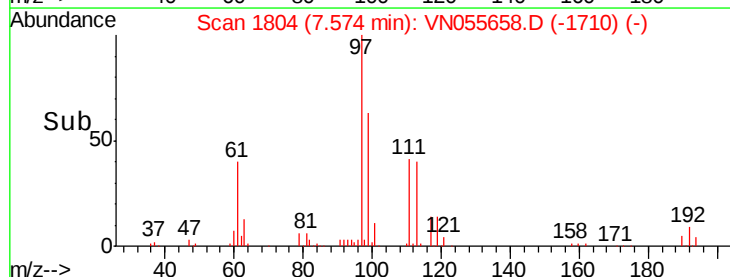
61 39.9 32.9 49.3

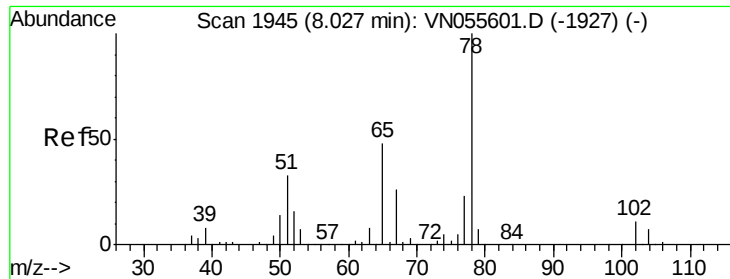


Abundance Ion 96.90 (96.60 to 97.60): VN055658.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055658.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055658.D (-1710) (-)

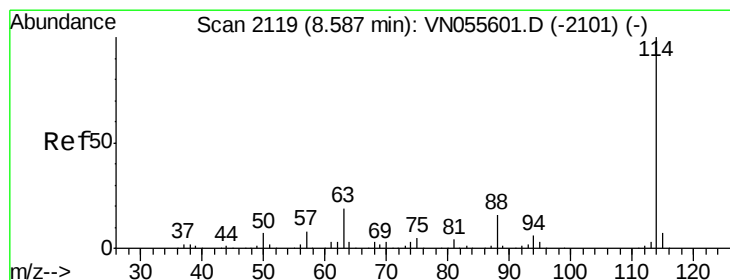
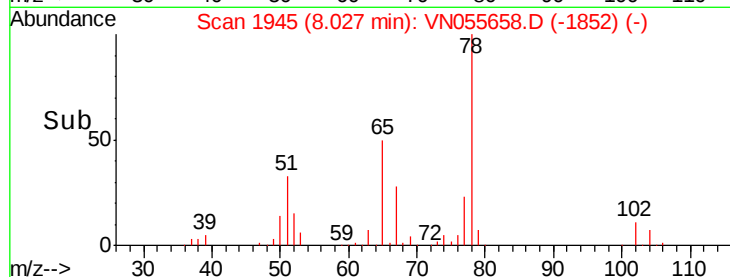
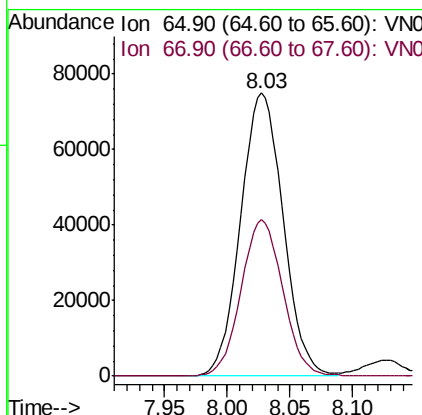
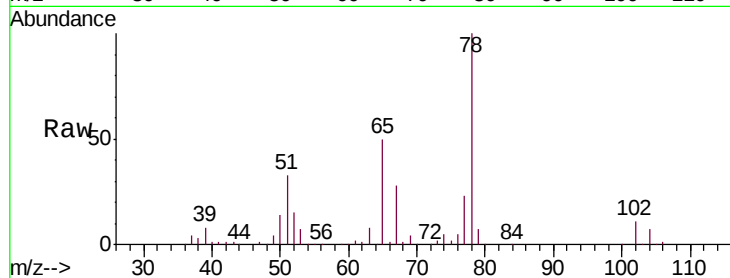




#33
 1,2-Dichloroethane-d4
 Concen: 51.380 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

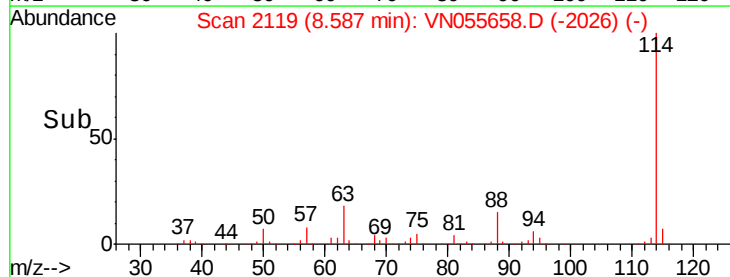
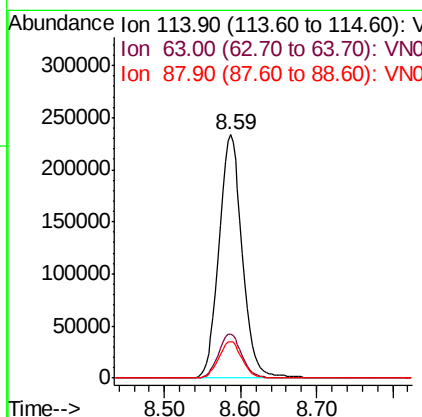
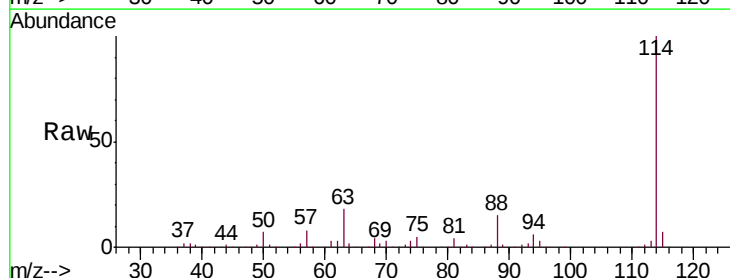
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

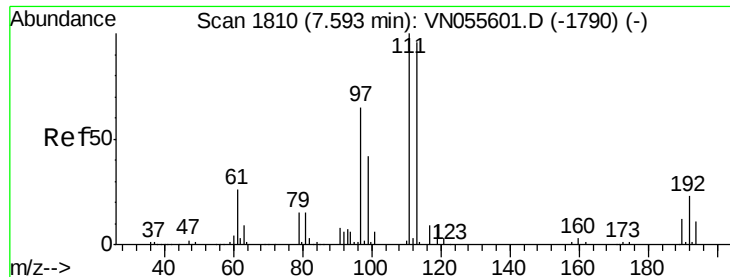
Tgt Ion: 65 Resp: 177023
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 114 Resp: 495544
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.2
 88 15.1 0.0 31.0

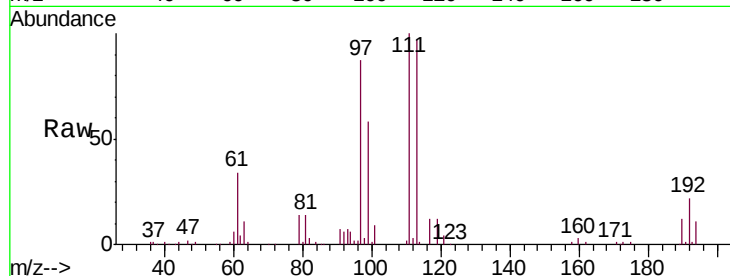




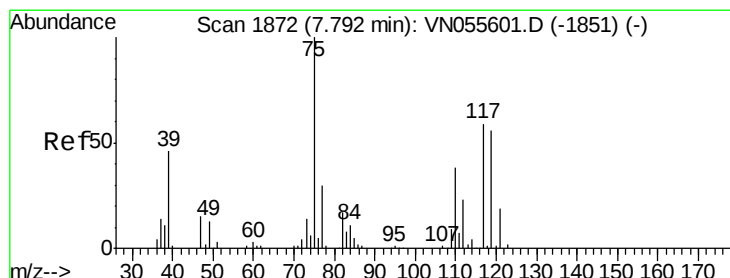
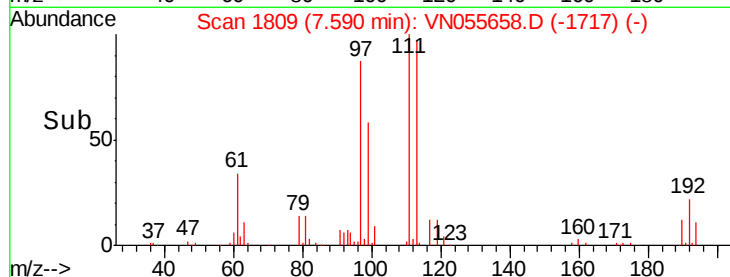
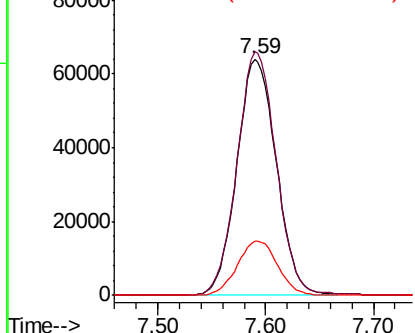
#35
 Dibromofluoromethane
 Concen: 51.877 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 163306
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.5 123.7
 192 23.5 18.7 28.1

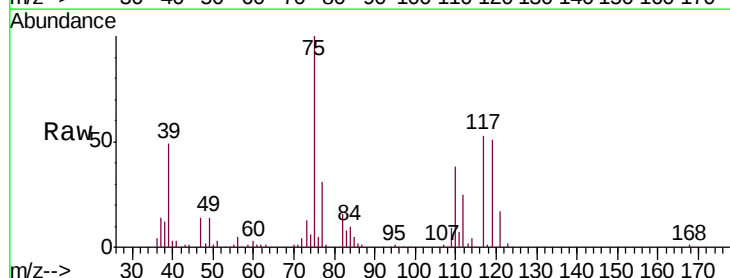


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

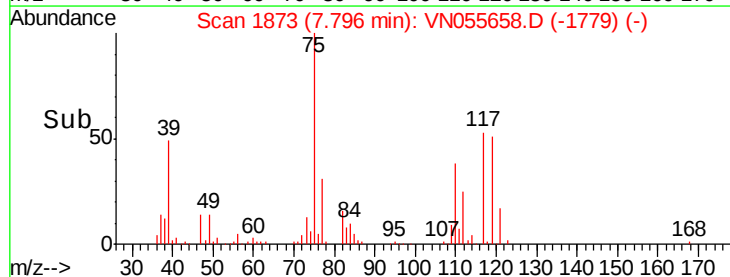
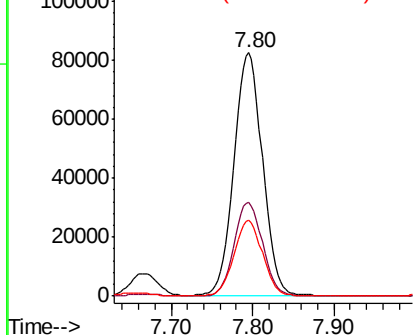


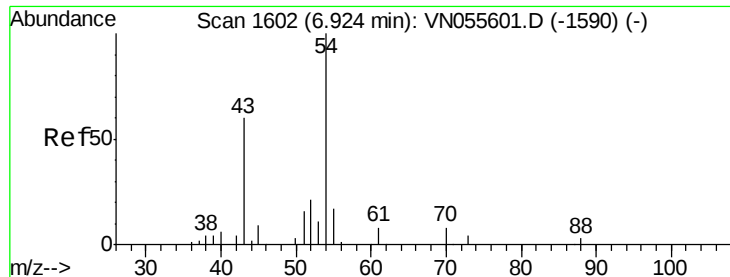
#36
 1,1-Dichloropropene
 Concen: 45.819 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 75 Resp: 202431
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.6 55.6
 77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

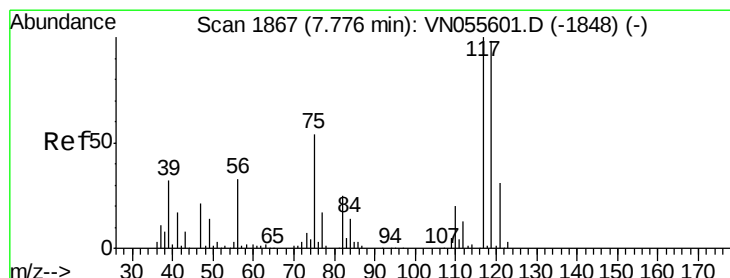
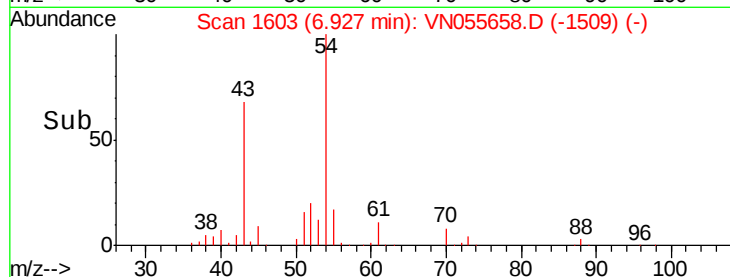
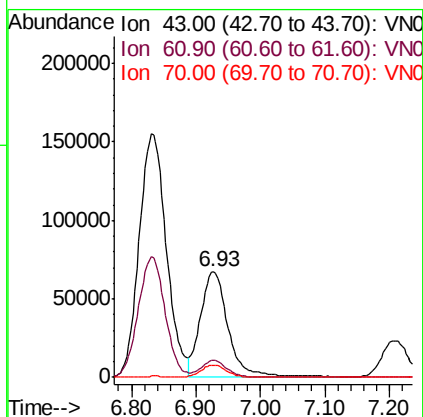
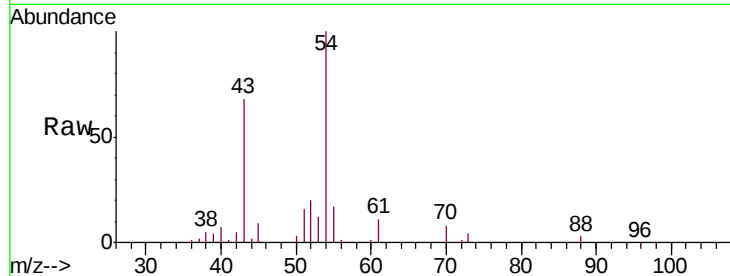




#37
Ethyl Acetate
Concen: 49.445 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

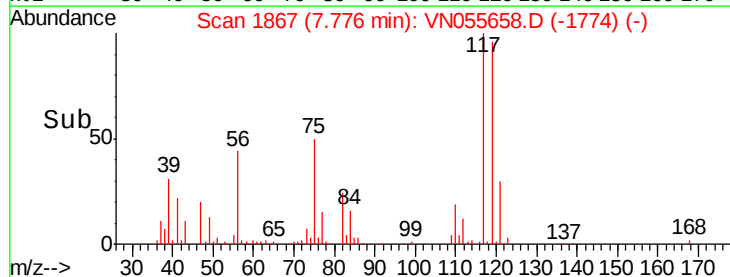
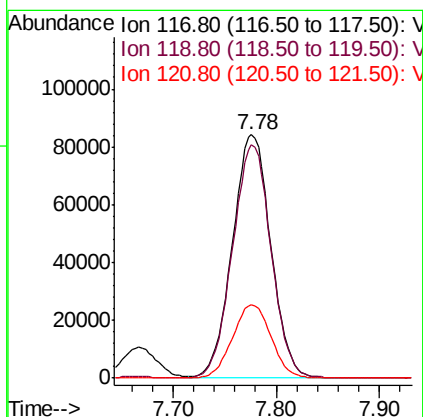
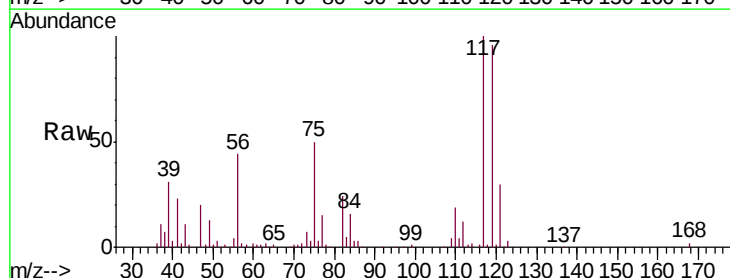
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

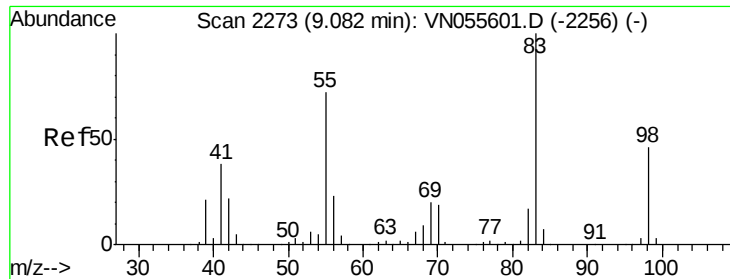
Tgt Ion: 43 Resp: 197126
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.0
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 46.041 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 117 Resp: 217365
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.8
121 30.3 24.6 37.0

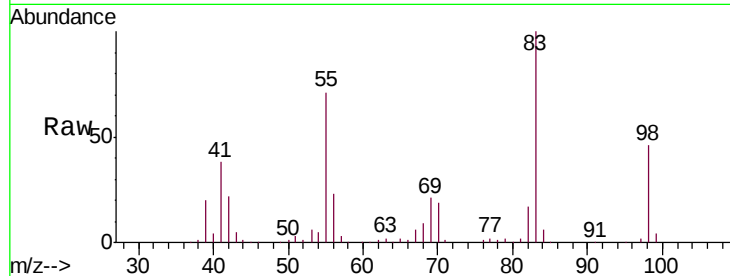




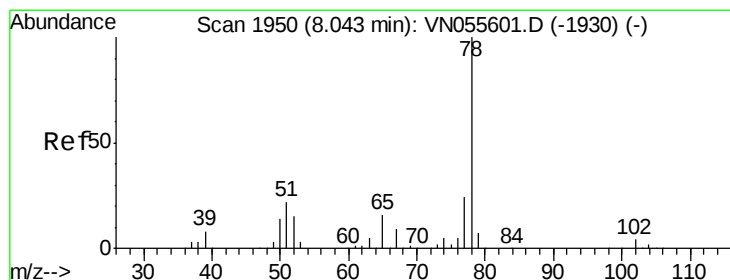
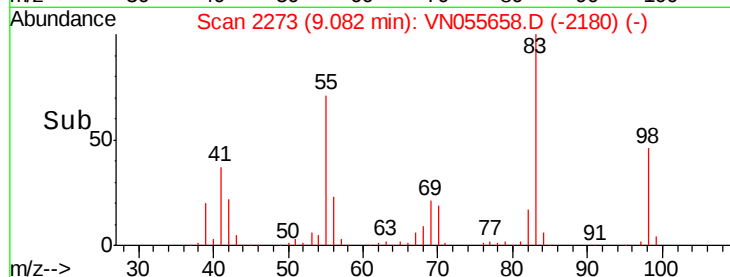
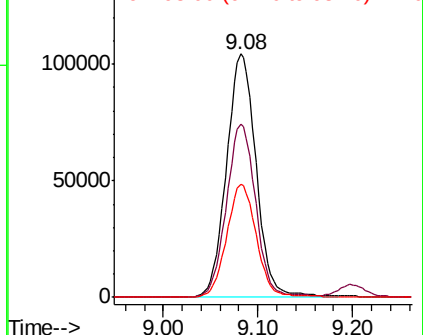
#39
Methylcyclohexane
Concen: 42.750 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 227681
Ion Ratio Lower Upper
83 100
55 70.9 57.8 86.6
98 46.5 36.7 55.1

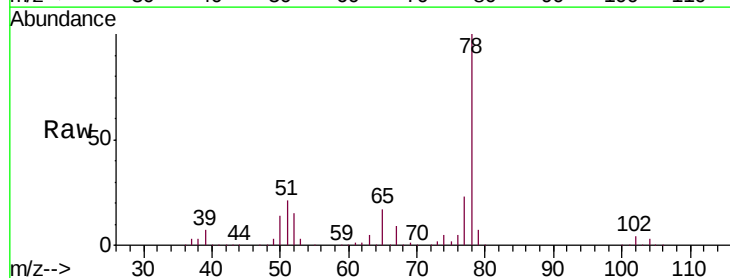


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

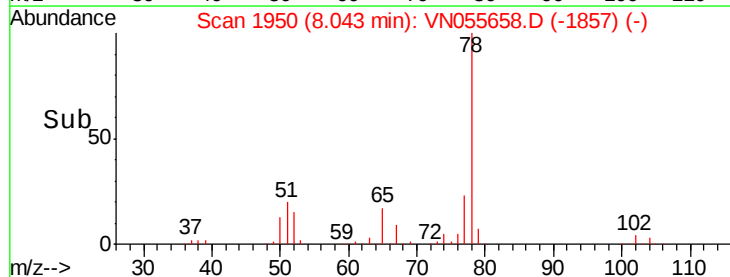
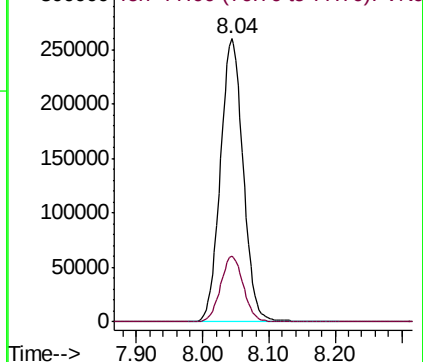


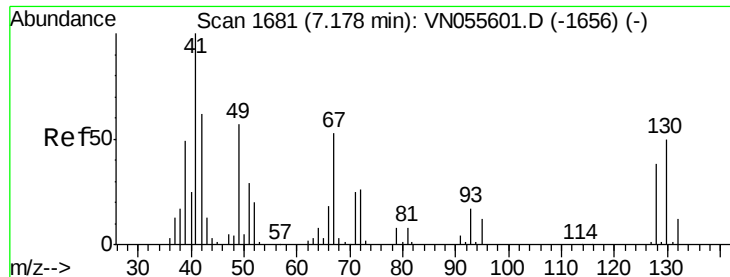
#40
Benzene
Concen: 47.747 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 78 Resp: 620463
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

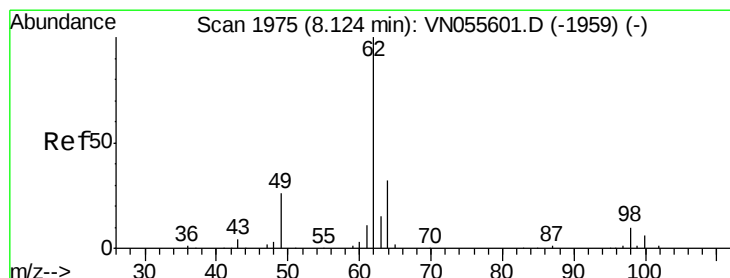
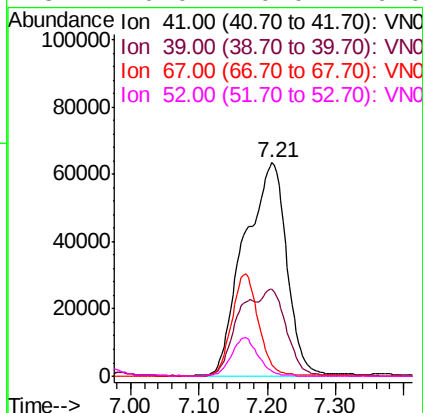
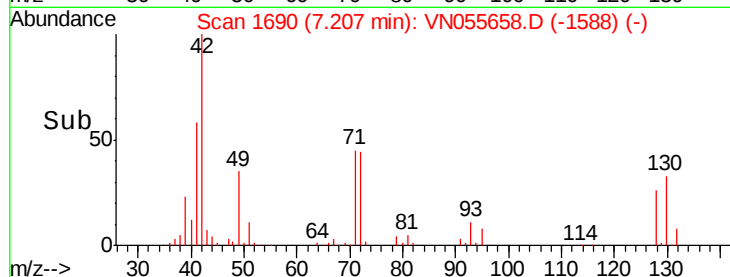
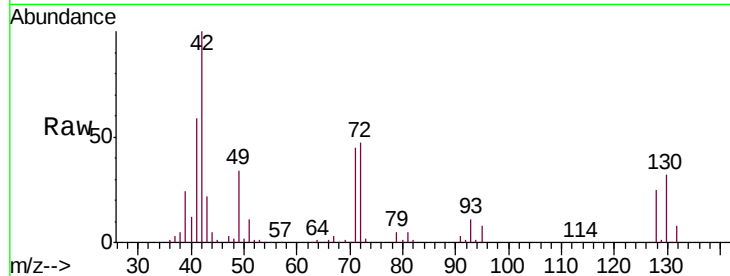




#41
Methacrylonitrile
Concen: 160.743 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

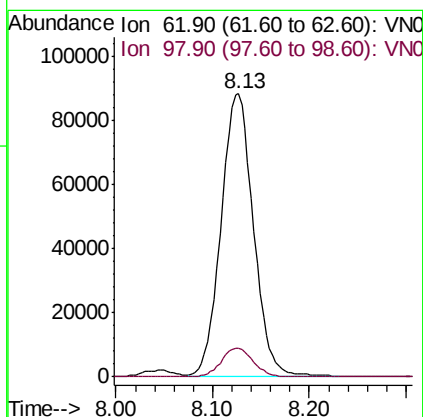
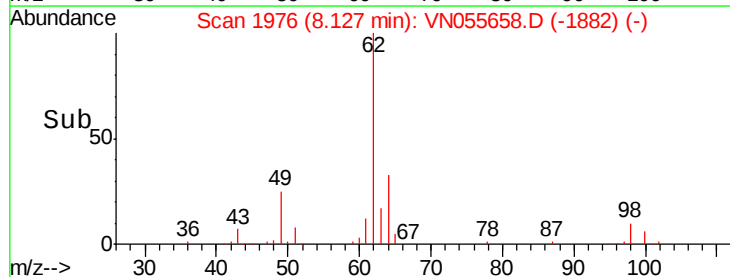
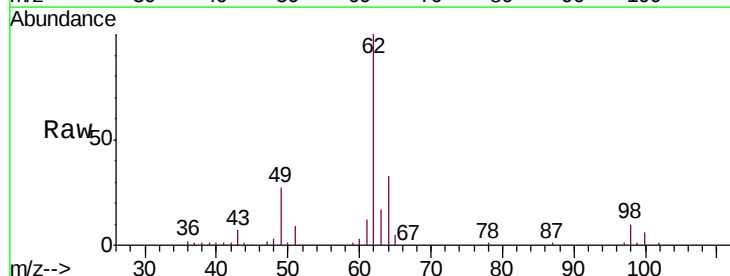
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

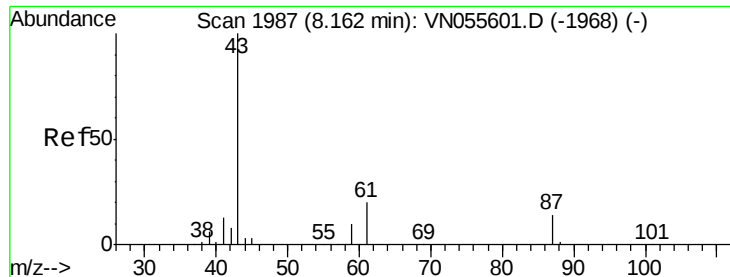
Tgt Ion:	41	Resp:	273986
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.625 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion:	62	Resp:	204615
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.286 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

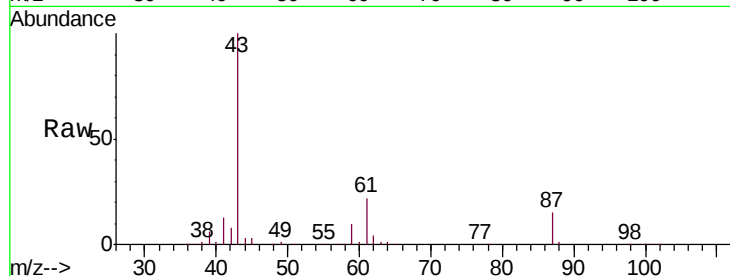
Tgt Ion: 43 Resp: 362598

Ion Ratio Lower Upper

43 100

61 25.9 22.1 33.1

87 13.3 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)

8.16

150000

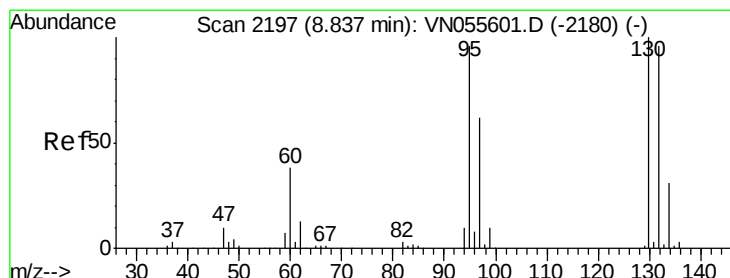
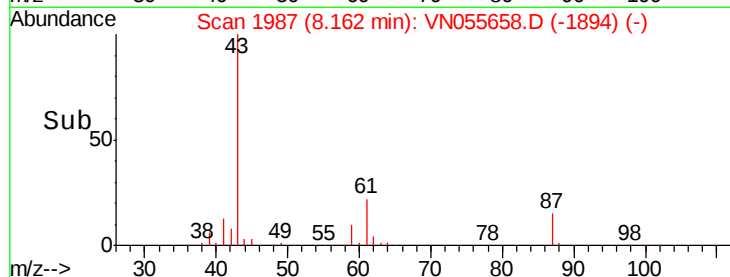
100000

50000

0

8.00 8.10 8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 49.661 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055658.D

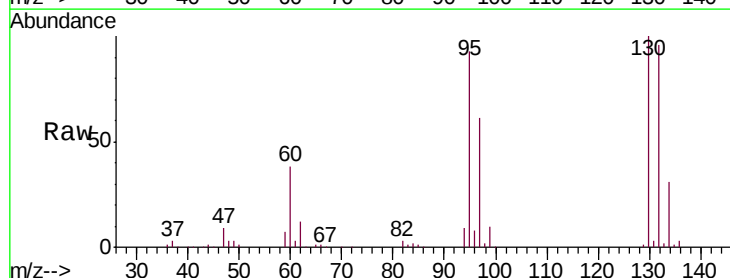
Acq: 18 May 2019 11:11

Tgt Ion: 130 Resp: 182100

Ion Ratio Lower Upper

130 100

95 93.3 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)

8.84

100000

80000

60000

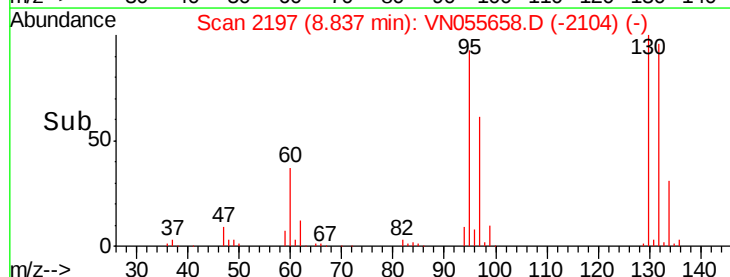
40000

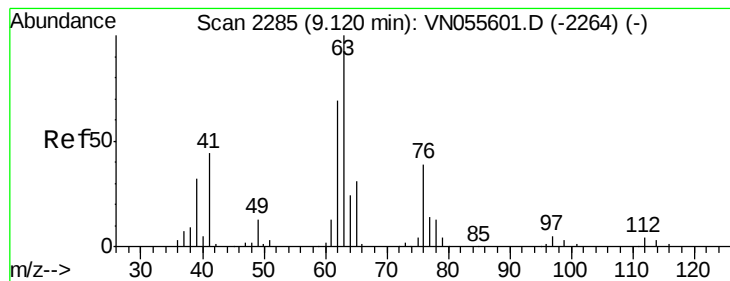
20000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 47.362 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

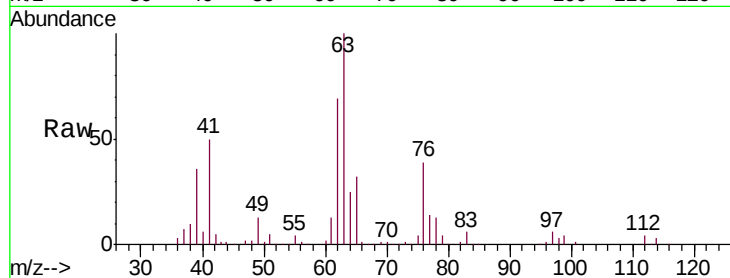
VSTDCCC050EC

Tgt Ion: 63 Resp: 162137

Ion Ratio Lower Upper

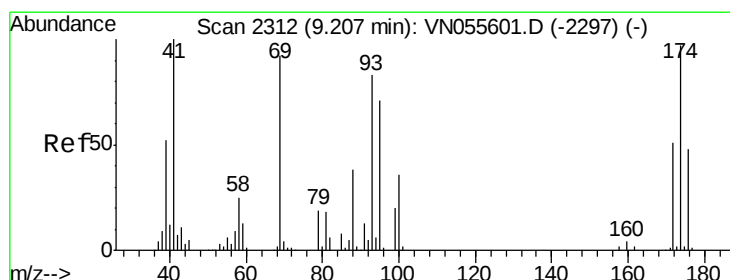
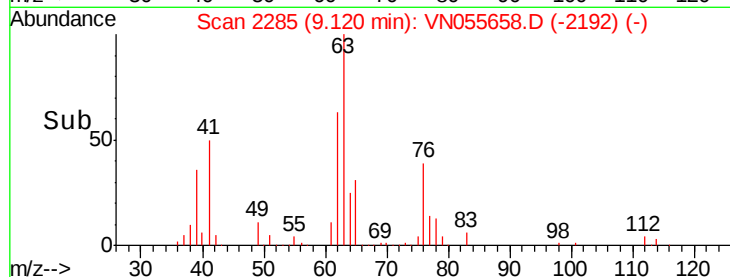
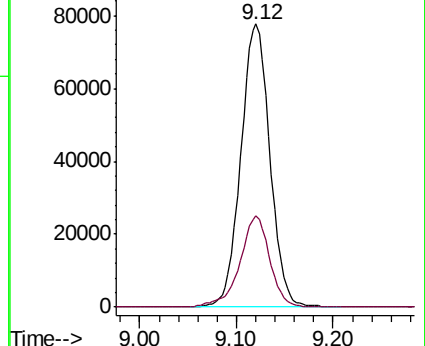
63 100

65 32.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.741 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

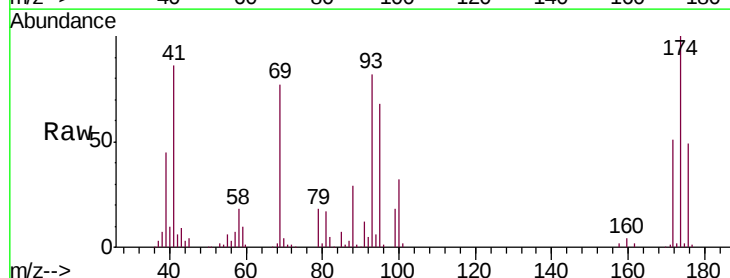
Tgt Ion: 93 Resp: 109209

Ion Ratio Lower Upper

93 100

95 83.6 67.9 101.9

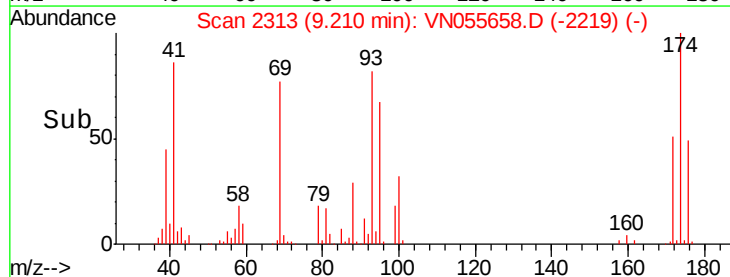
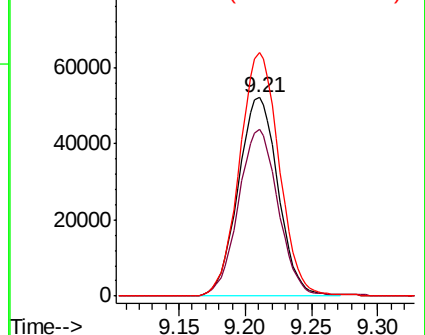
174 122.2 93.8 140.6

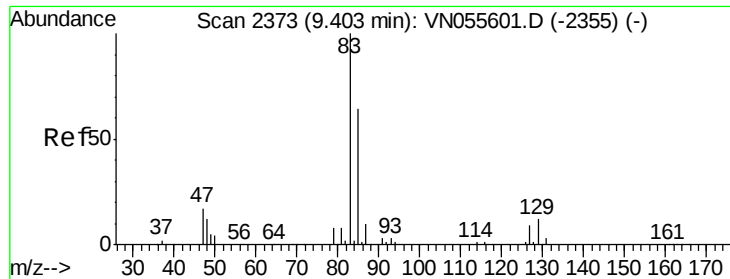


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.758 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

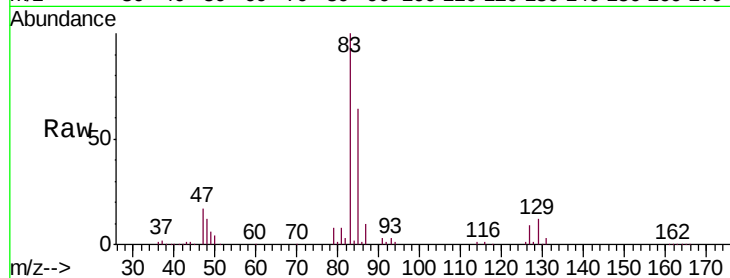
Tgt Ion: 83 Resp: 224269

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

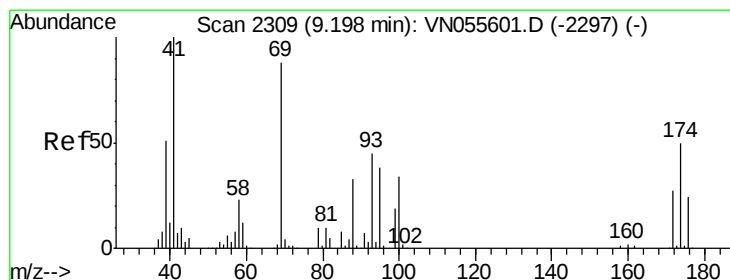
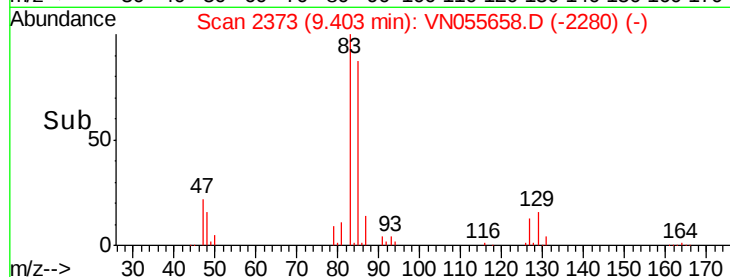
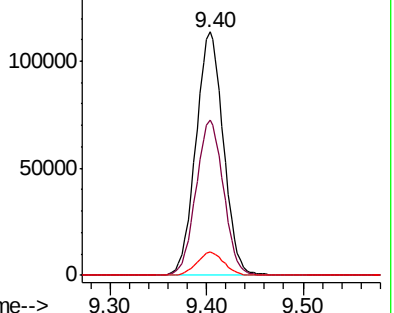
127 9.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055601.D (-2355) (-)



#48

Methyl methacrylate

Concen: 48.645 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

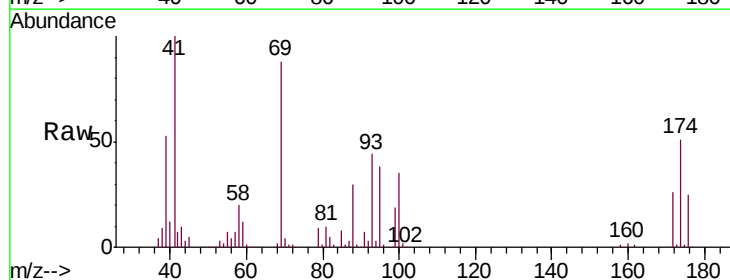
Tgt Ion: 41 Resp: 150786

Ion Ratio Lower Upper

41 100

69 94.9 74.2 111.2

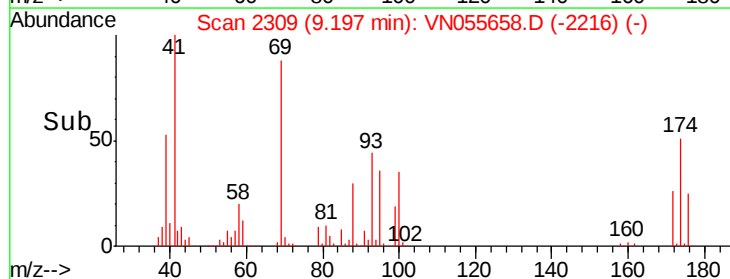
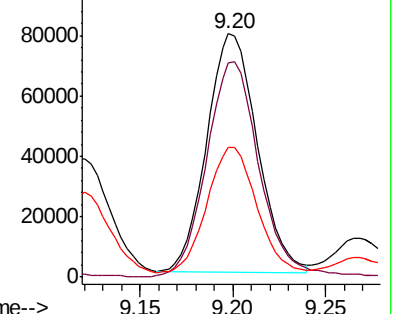
39 55.8 43.8 65.8

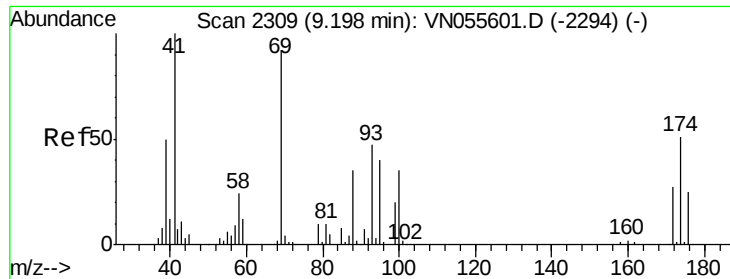


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)

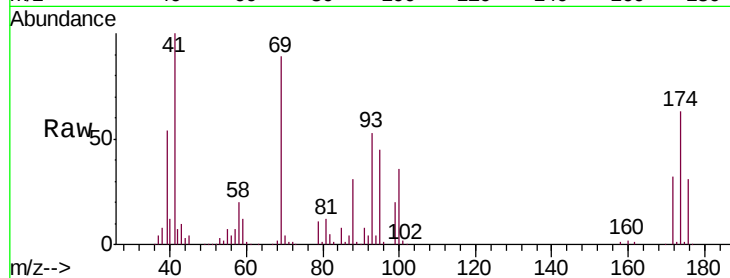




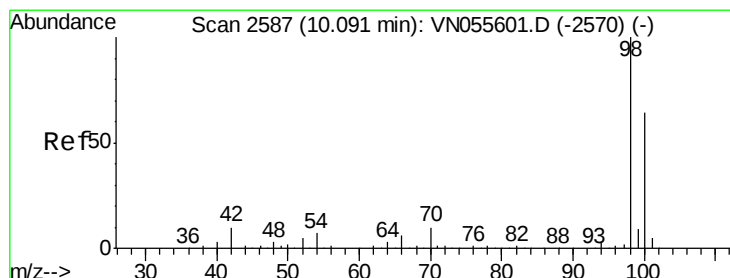
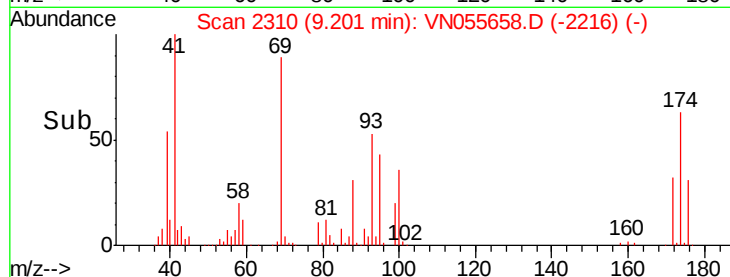
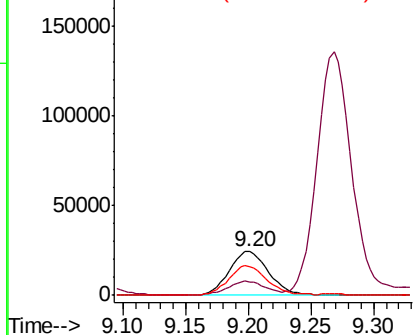
#49
1,4-Dioxane
Concen: 871.329 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 53668
Ion Ratio Lower Upper
88 100
43 28.2 22.4 33.6
58 65.9 53.4 80.2

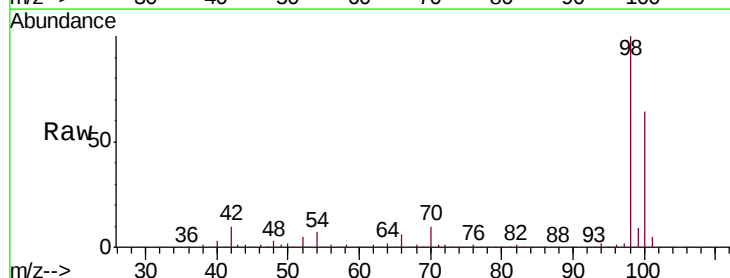


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

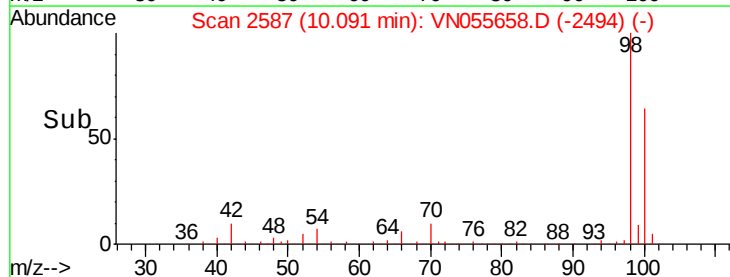
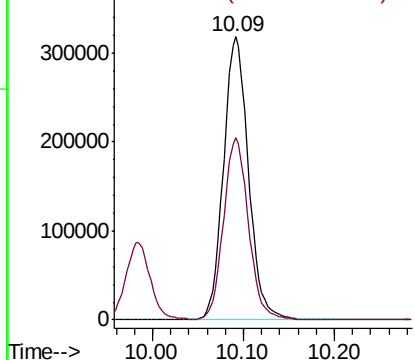


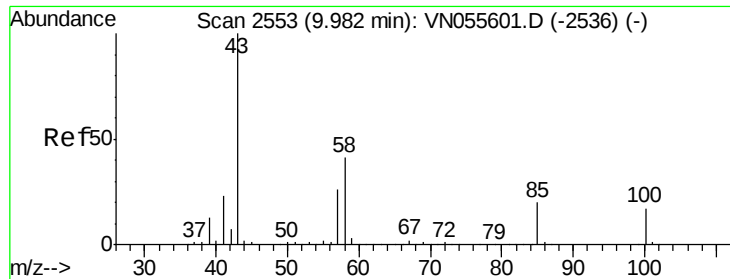
#50
Toluene-d8
Concen: 50.926 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 98 Resp: 606158
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 231.195 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

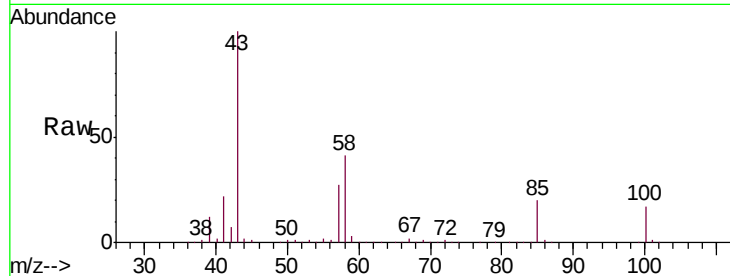
VSTDCCC050EC

Tgt Ion: 43 Resp: 940485

Ion Ratio Lower Upper

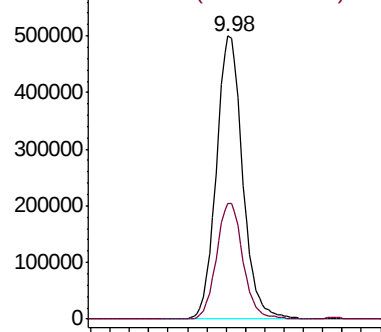
43 100

58 41.4 32.7 49.1

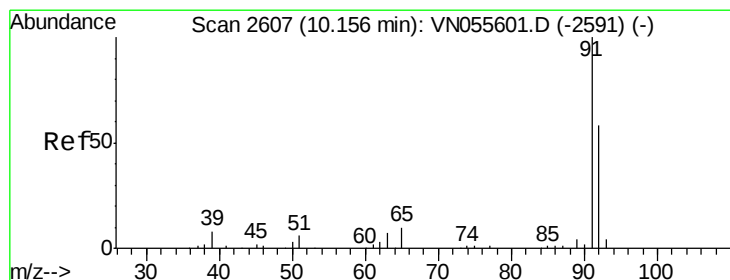
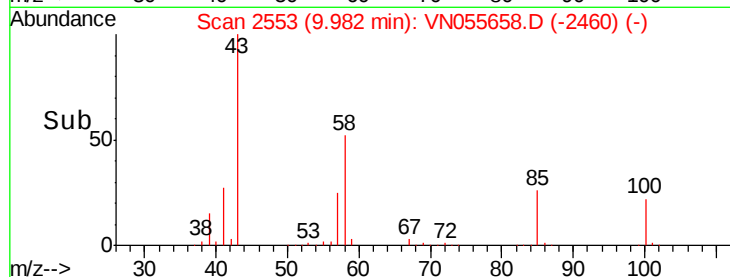


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 48.097 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055658.D

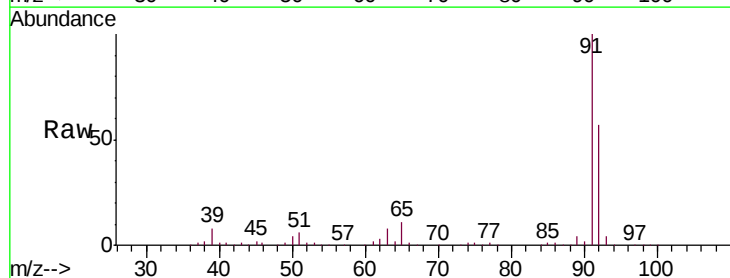
Acq: 18 May 2019 11:11

Tgt Ion: 92 Resp: 392022

Ion Ratio Lower Upper

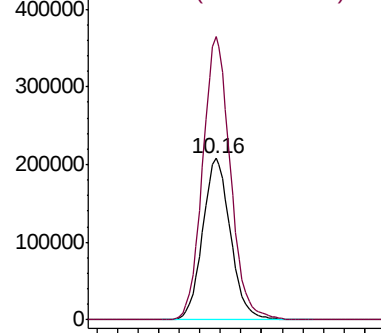
92 100

91 174.1 138.9 208.3

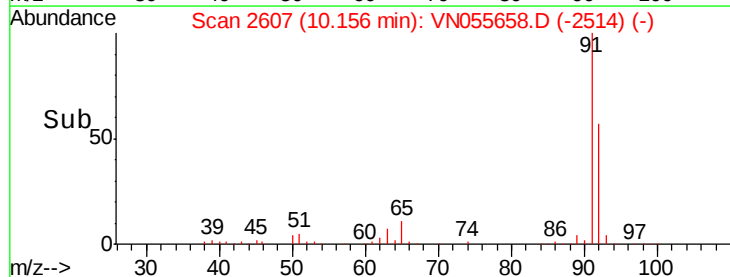


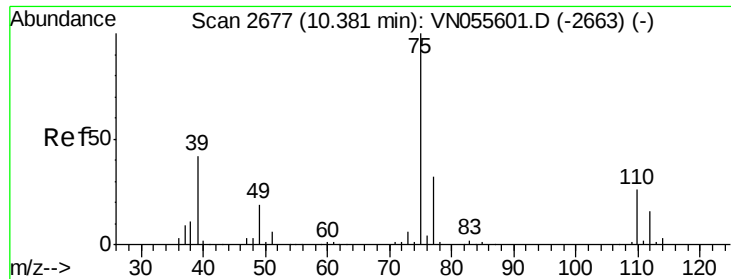
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#53

t-1,3-Dichloropropene

Concen: 43.963 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

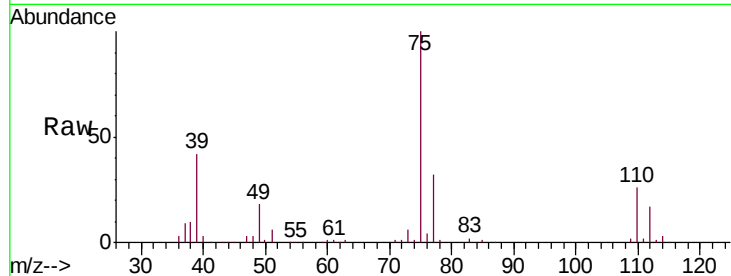
VSTDCCC050EC

Tgt Ion: 75 Resp: 222196

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

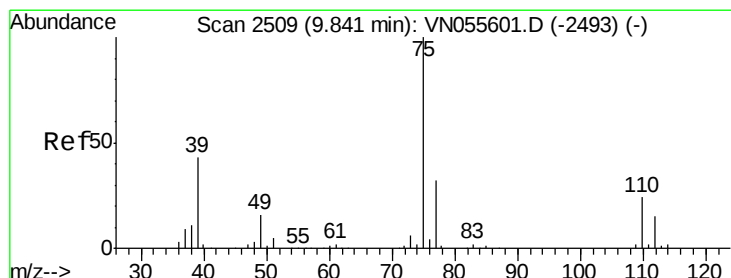
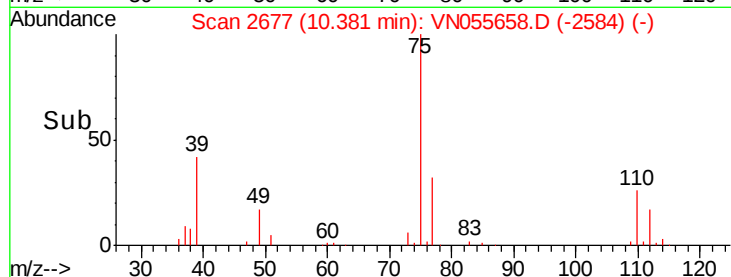
10.38

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 43.543 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

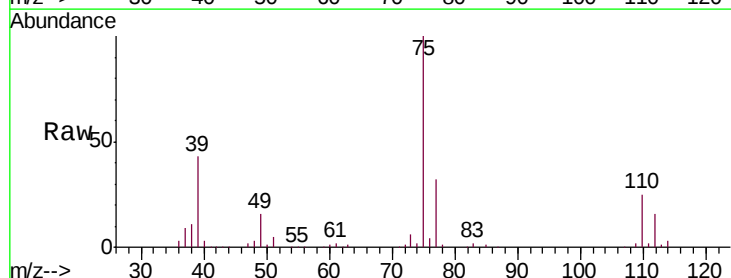
Tgt Ion: 75 Resp: 241096

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 42.4 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

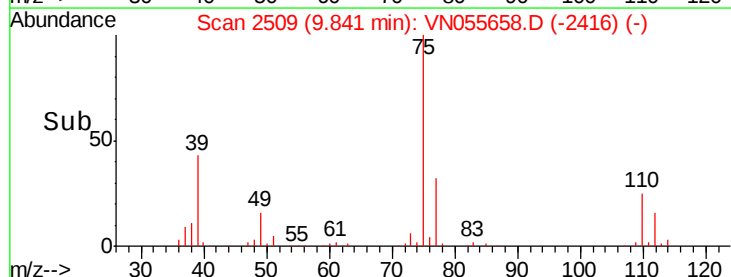
150000

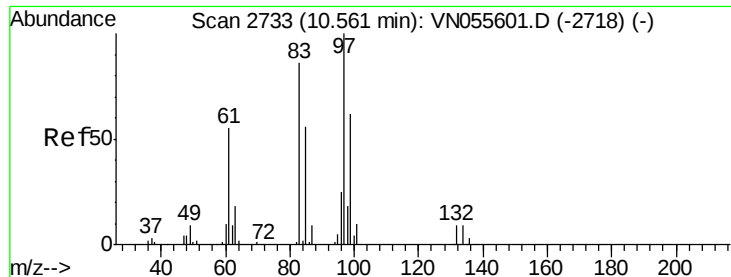
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.307 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 162091

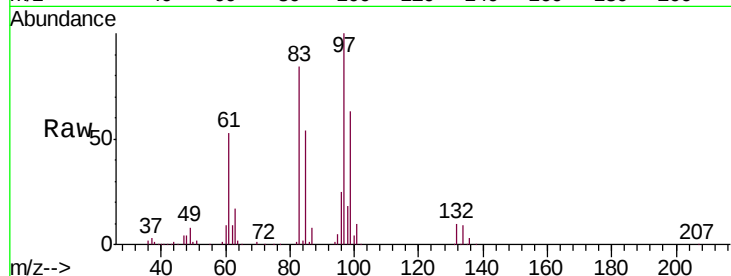
Ion Ratio Lower Upper

97 100

83 83.7 68.4 102.6

85 54.3 44.8 67.2

99 63.1 49.9 74.9

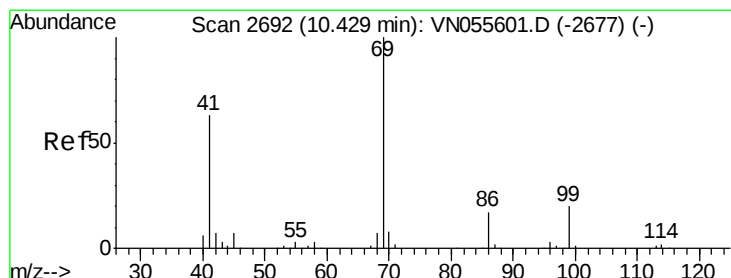
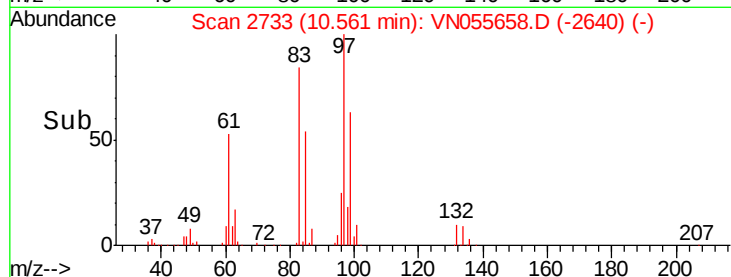
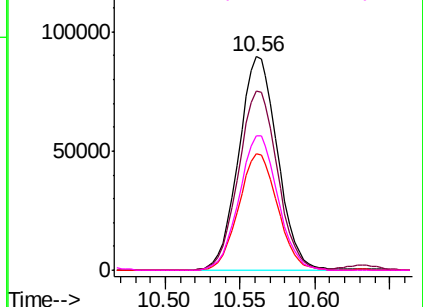


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.473 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

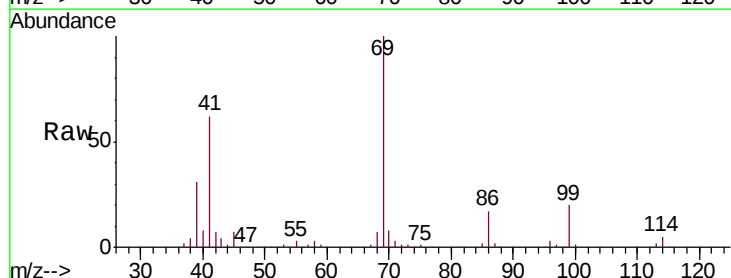
Tgt Ion: 69 Resp: 248667

Ion Ratio Lower Upper

69 100

41 61.2 50.3 75.5

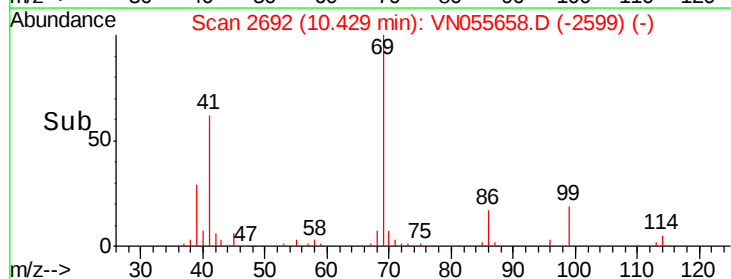
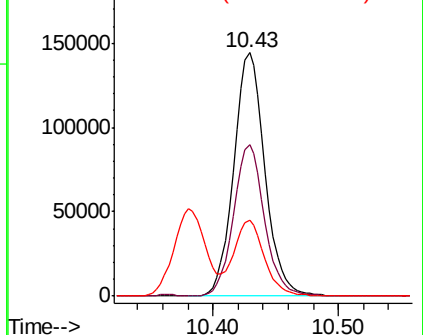
39 30.5 25.4 38.2

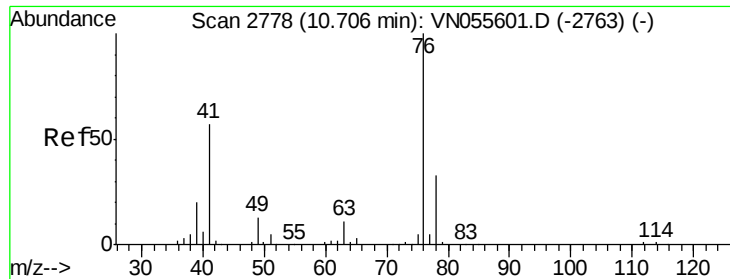


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

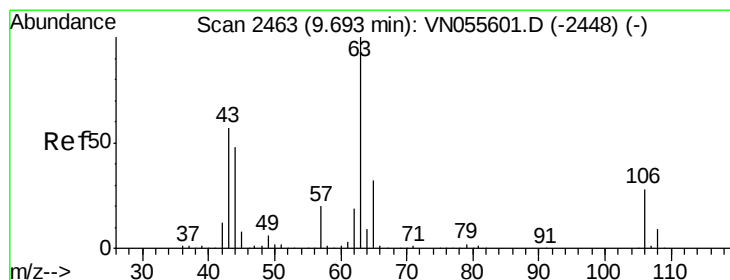
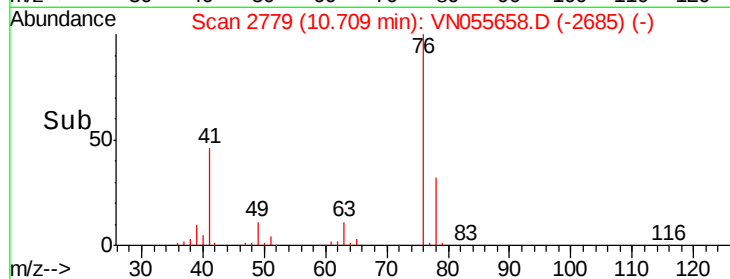
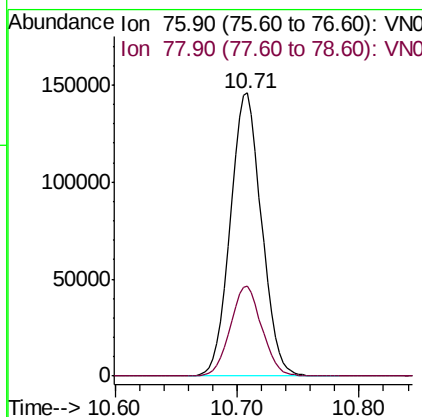
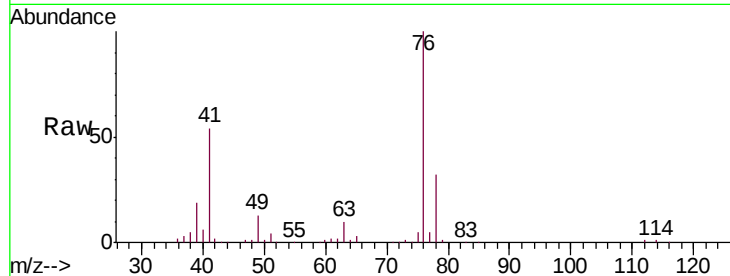




#57
 1,3-Dichloropropane
 Concen: 48.902 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

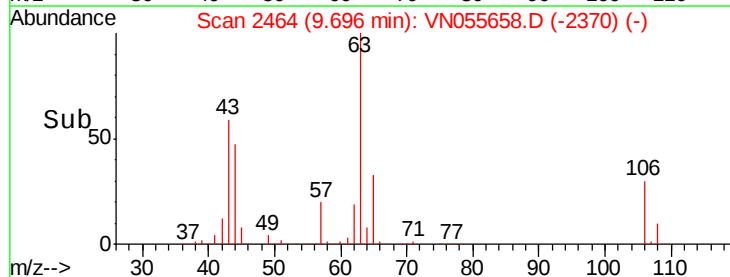
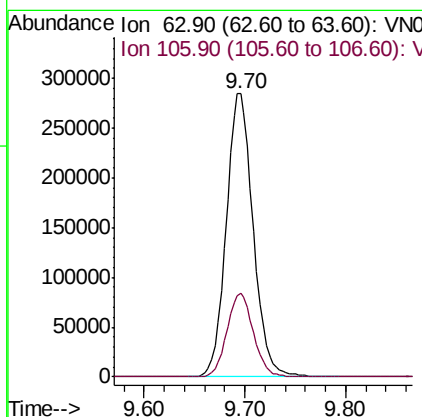
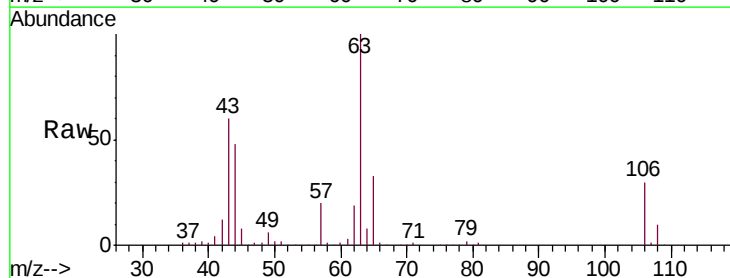
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

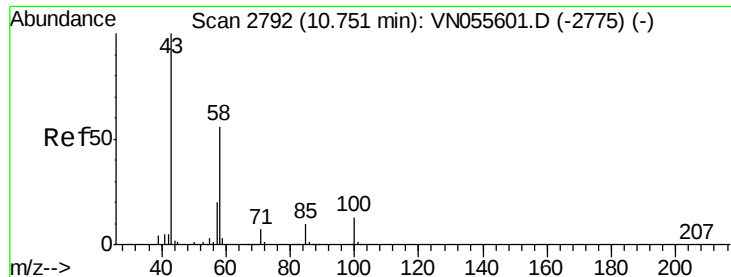
Tgt Ion: 76 Resp: 259886
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.296 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 63 Resp: 528134
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.0 34.6

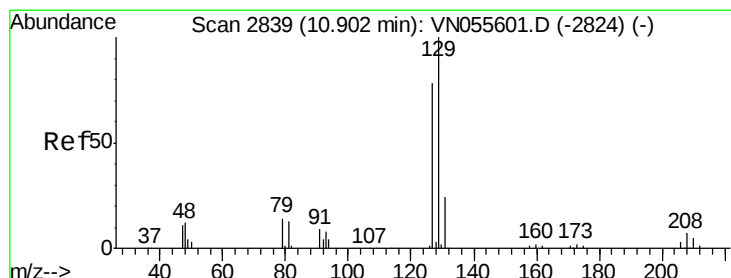
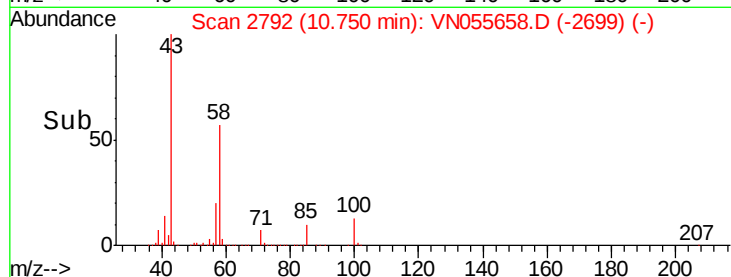
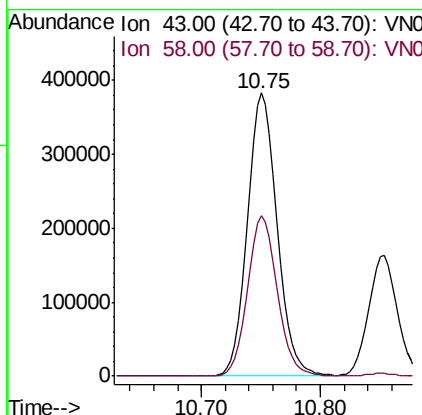
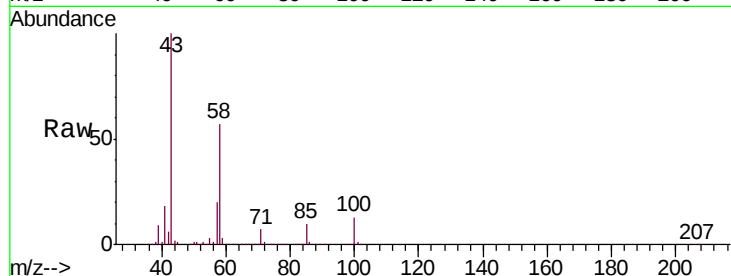




#59
2-Hexanone
Concen: 230.246 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

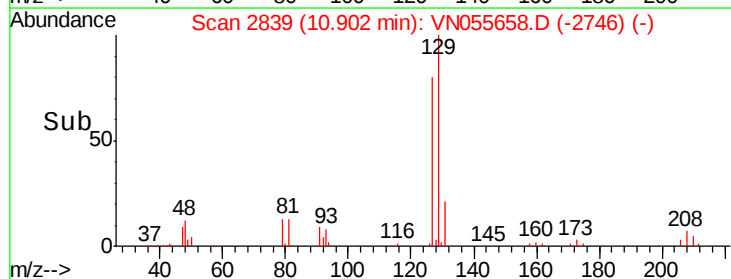
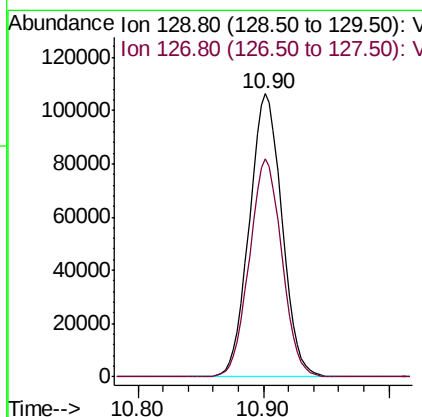
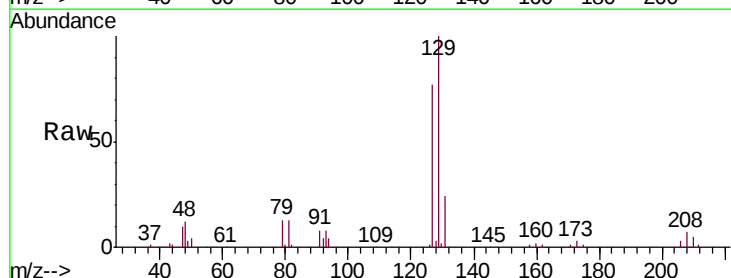
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

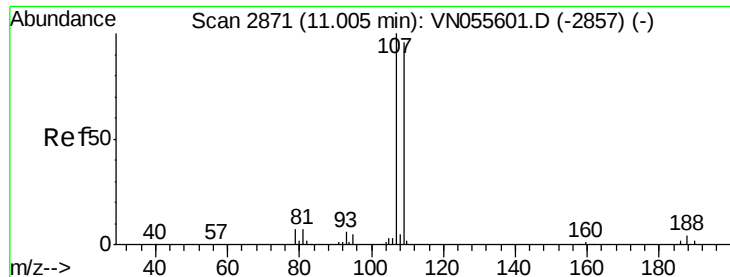
Tgt Ion: 43 Resp: 659431
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.4



#60
Dibromochloromethane
Concen: 50.623 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion: 129 Resp: 192517
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

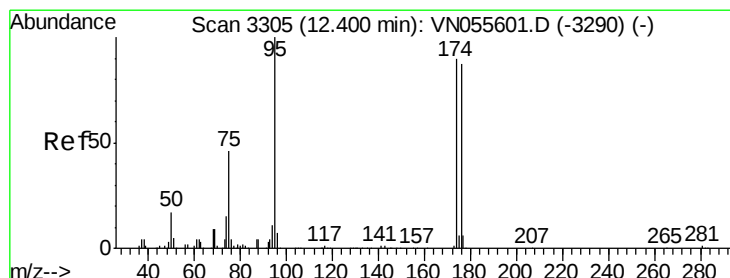
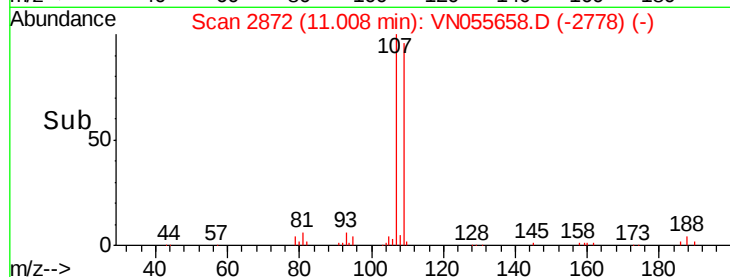
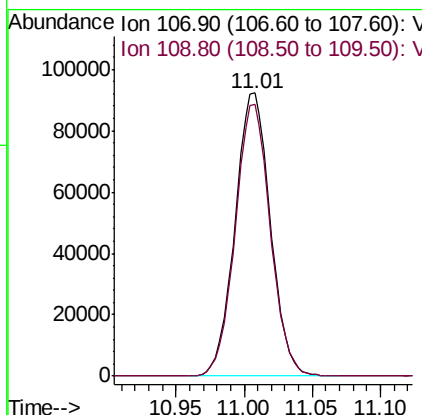
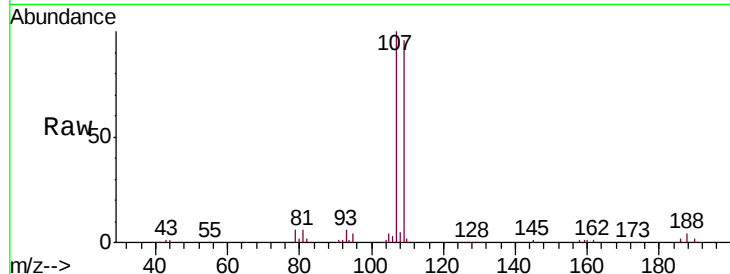




#61
 1,2-Dibromoethane
 Concen: 49.423 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

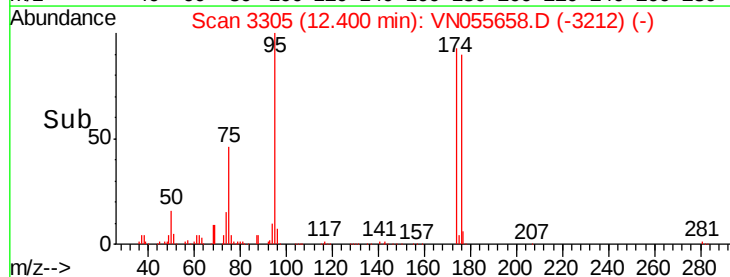
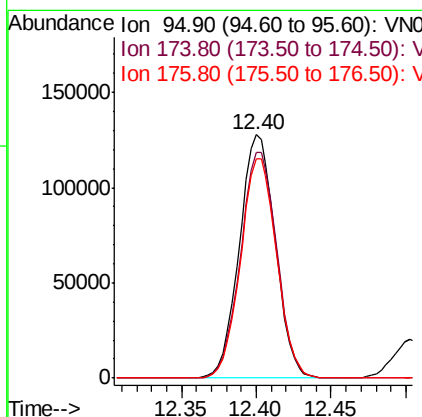
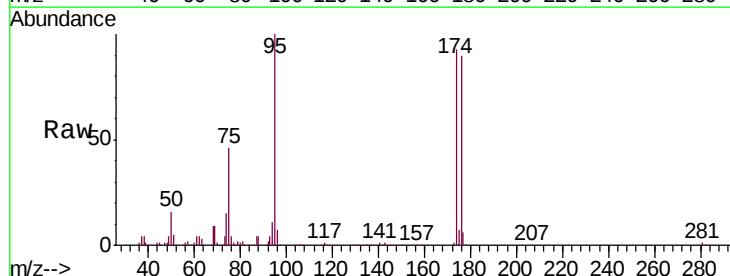
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

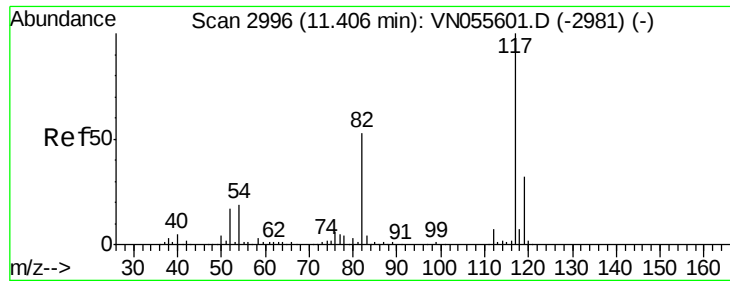
Tgt Ion: 107 Resp: 165930
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.863 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion: 95 Resp: 213168
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 180.6
 176 90.6 0.0 177.4

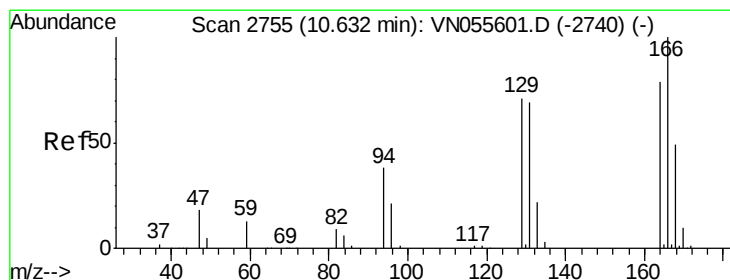
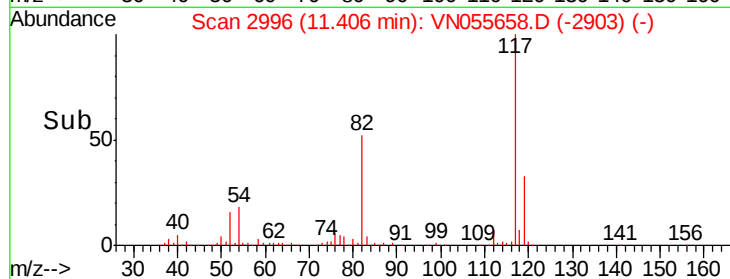
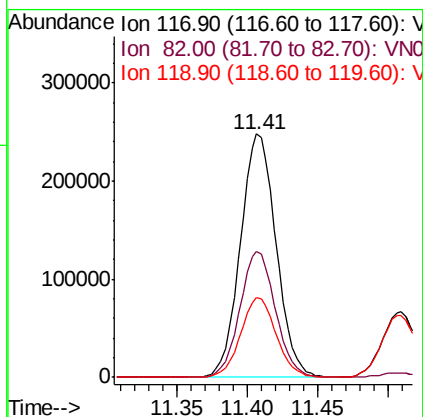
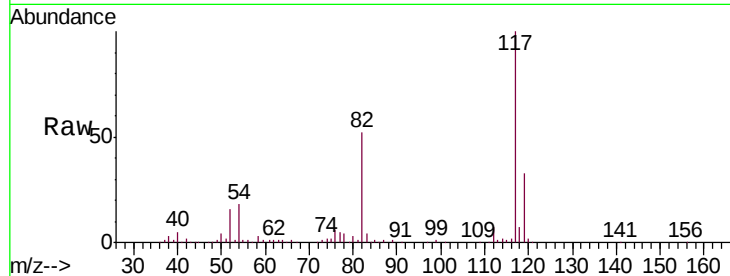




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

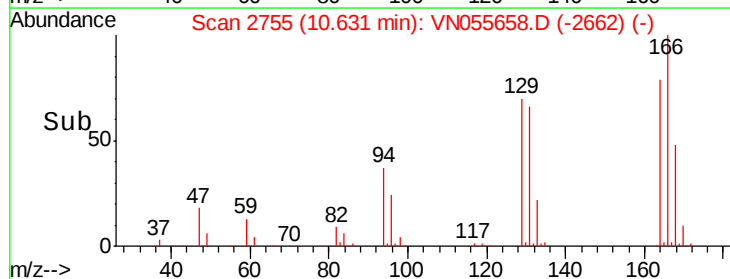
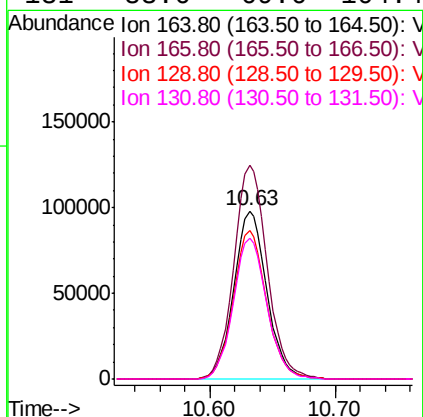
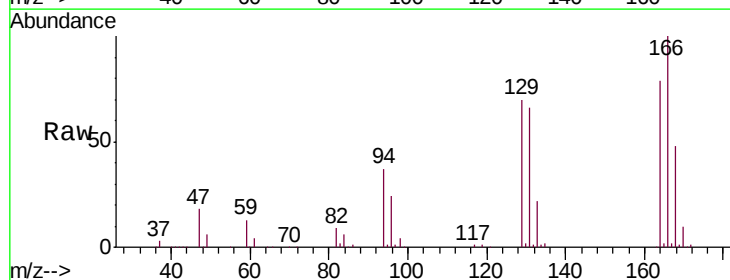
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

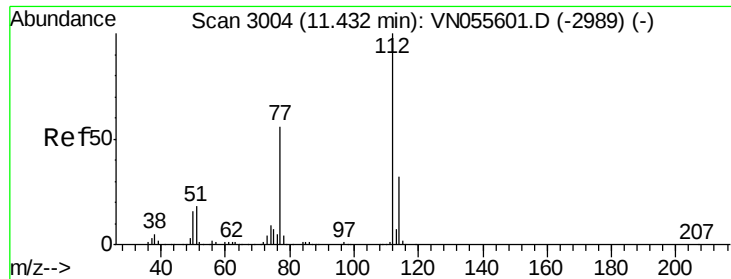
Tgt Ion:117 Resp: 439977
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 51.561 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion:164 Resp: 178930
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.6
129 88.6 71.7 107.5
131 83.6 69.6 104.4

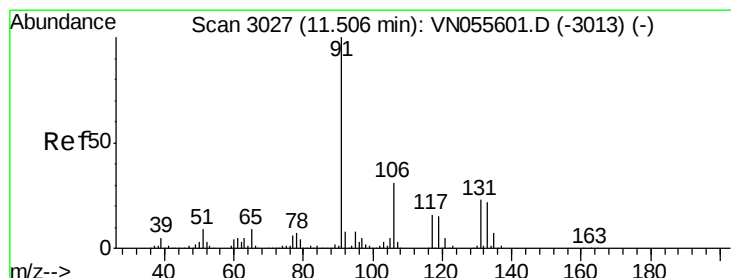
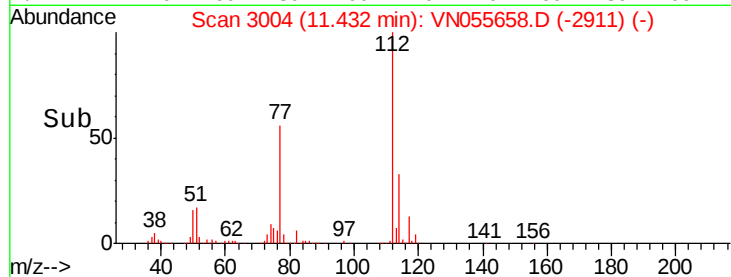
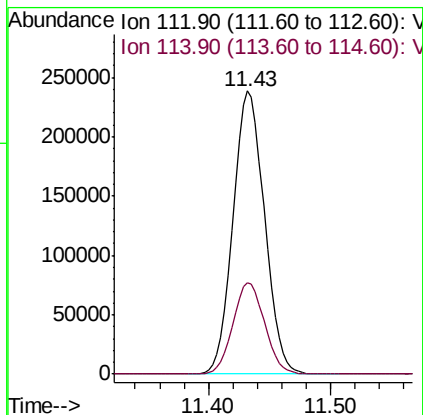
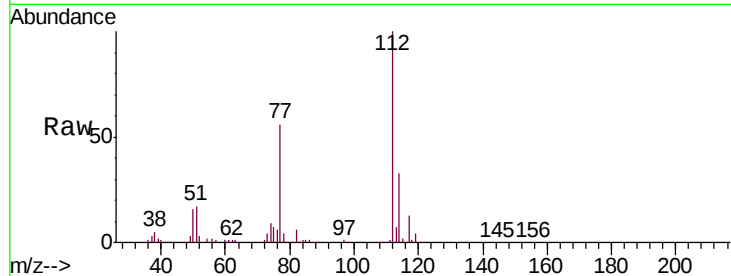




#65
Chlorobenzene
Concen: 47.951 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

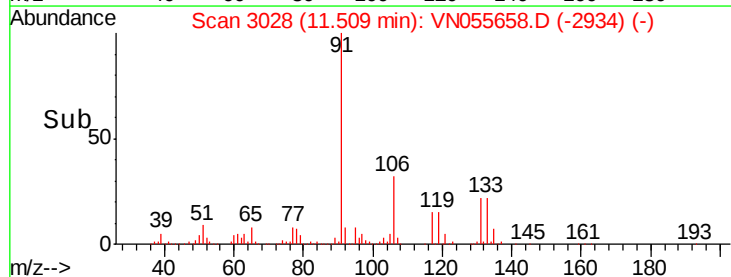
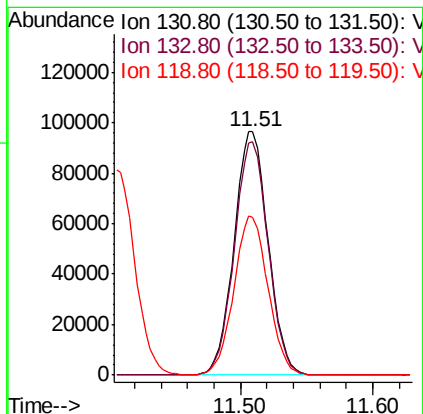
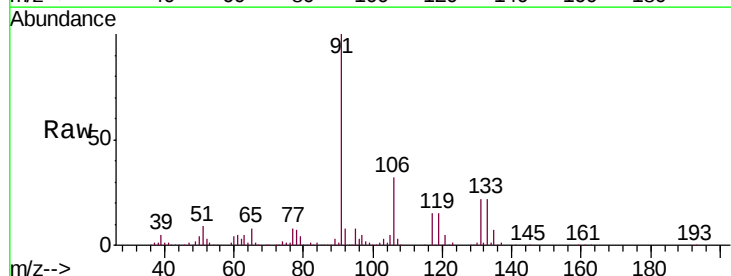
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

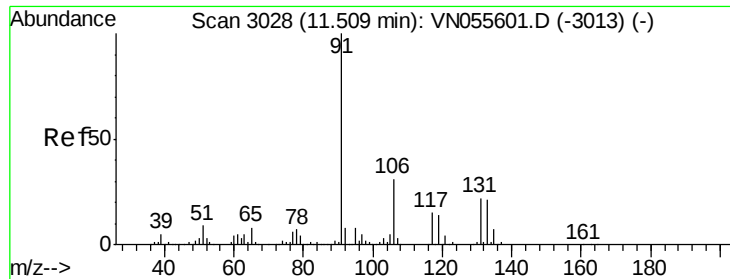
Tgt Ion:112 Resp: 426715
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.056 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion:131 Resp: 172043
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 65.4 33.3 99.8





#67

Ethyl Benzene

Concen: 46.716 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

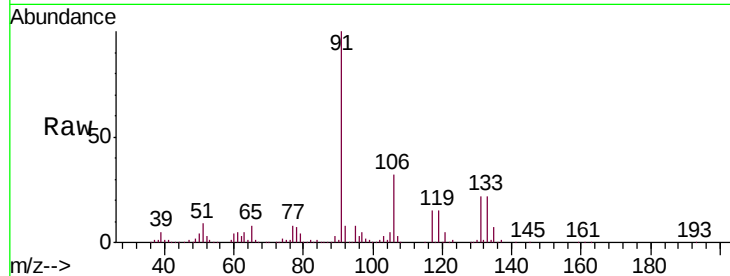
VSTDCCC050EC

Tgt Ion: 91 Resp: 740588

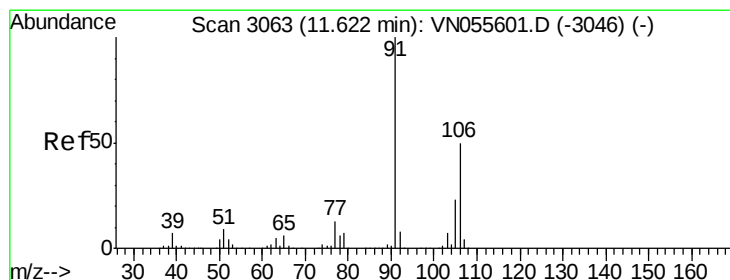
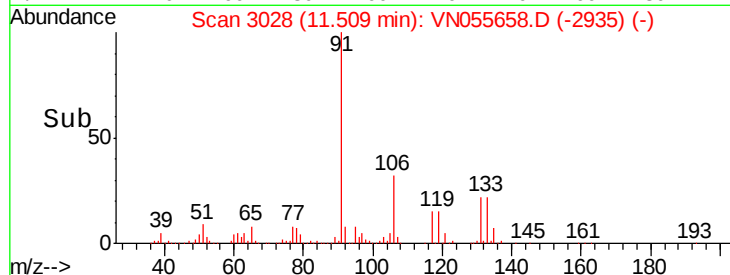
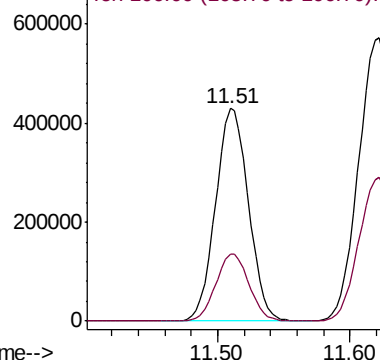
Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3013) (-)



#68

m/p-Xylenes

Concen: 93.926 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN055658.D

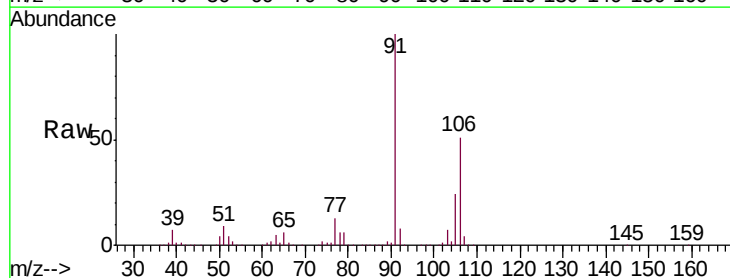
Acq: 18 May 2019 11:11

Tgt Ion: 106 Resp: 562304

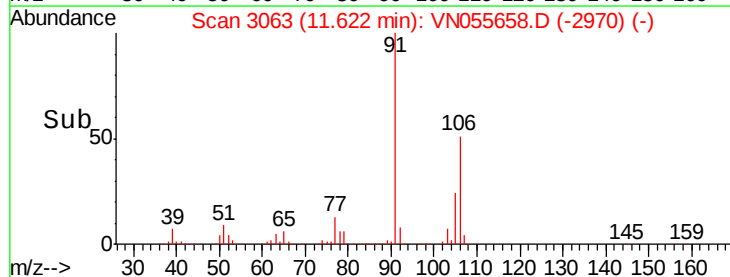
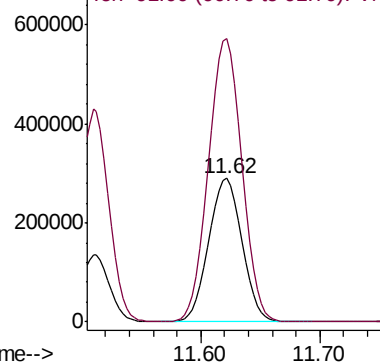
Ion Ratio Lower Upper

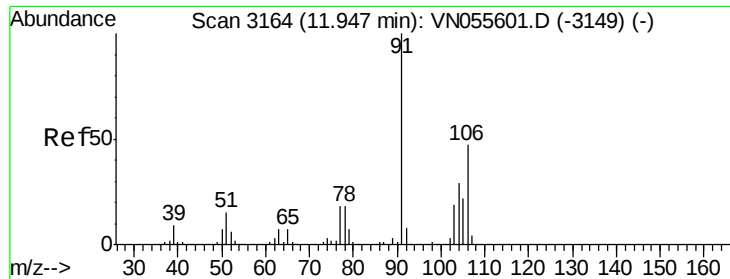
106 100

91 197.8 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): VN055601.D (-3046) (-)

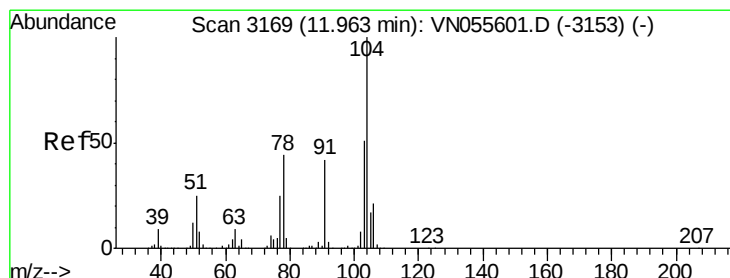
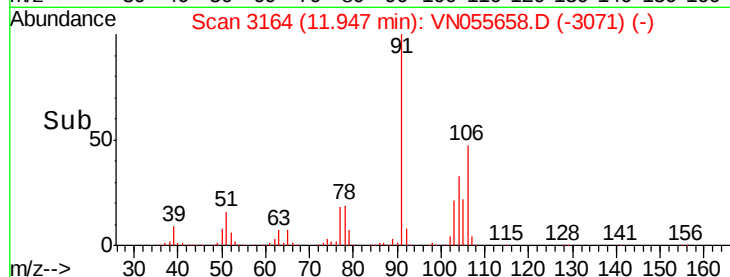
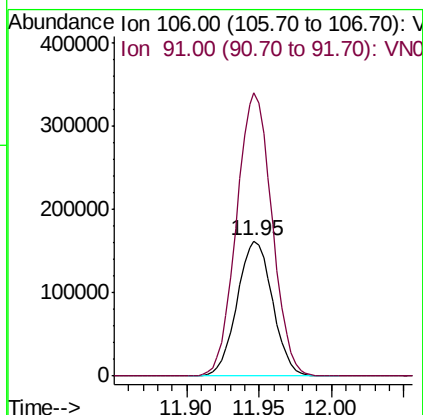
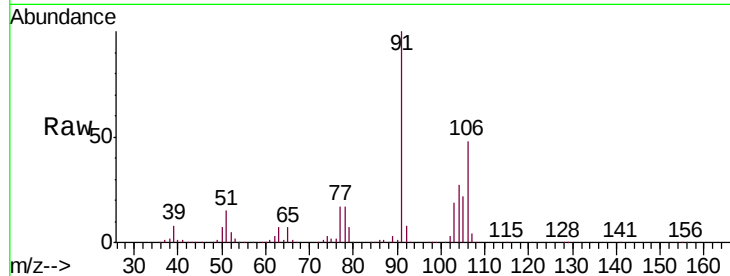




#69
o-Xylene
Concen: 47.019 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

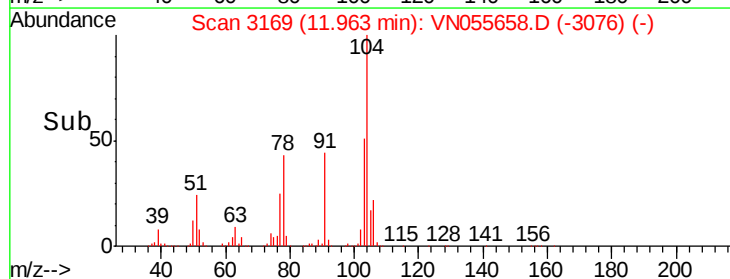
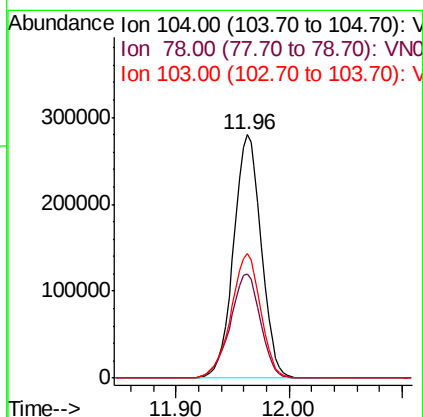
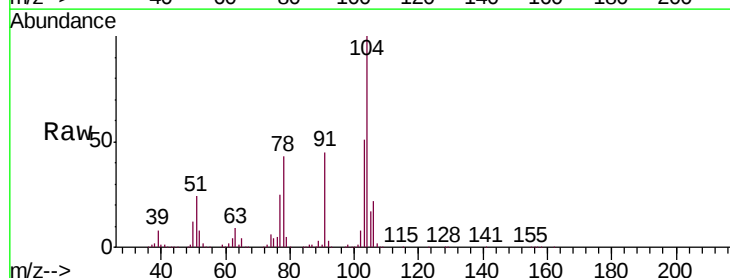
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

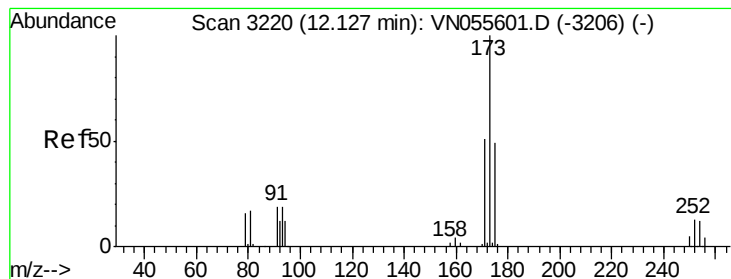
Tgt Ion:106 Resp: 275313
Ion Ratio Lower Upper
106 100
91 209.6 106.7 320.2



#70
Styrene
Concen: 48.848 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055658.D
Acq: 18 May 2019 11:11

Tgt Ion:104 Resp: 475576
Ion Ratio Lower Upper
104 100
78 46.8 38.6 58.0
103 54.7 44.4 66.6





#71

Bromoform

Concen: 50.603 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

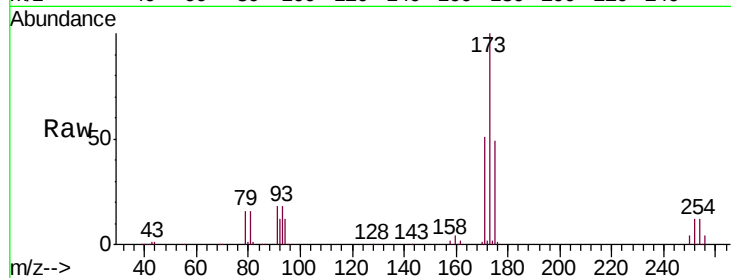
Tgt Ion:173 Resp: 153524

Ion Ratio Lower Upper

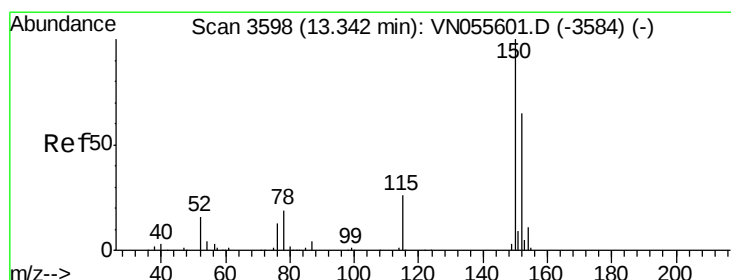
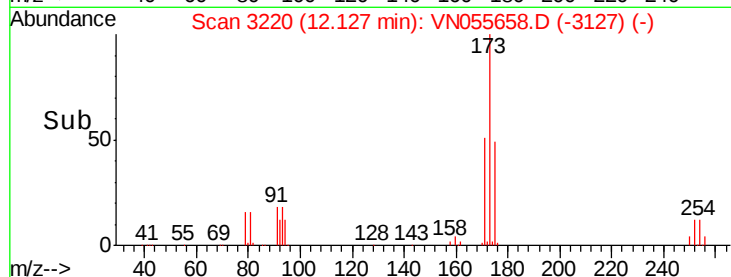
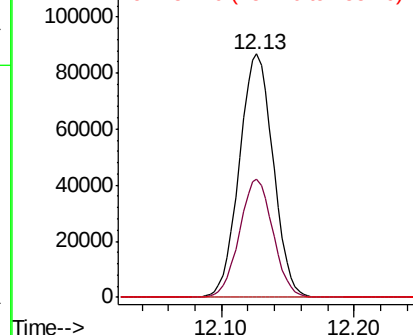
173 100

175 48.1 24.3 72.9

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

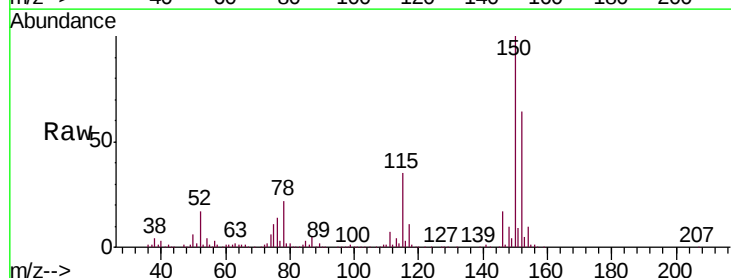
Tgt Ion:152 Resp: 211480

Ion Ratio Lower Upper

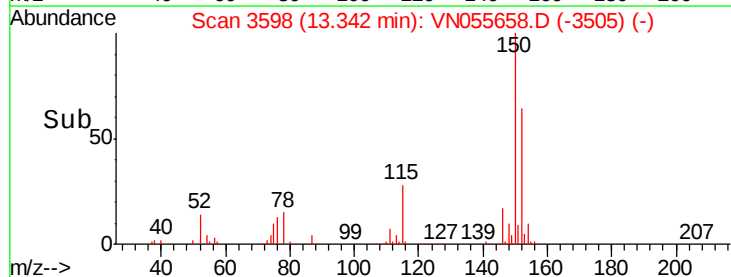
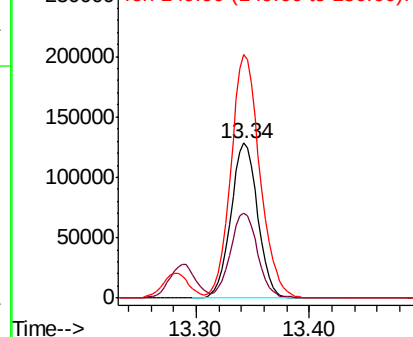
152 100

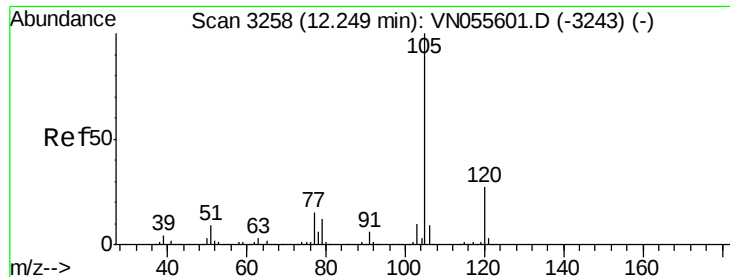
115 55.4 28.1 84.2

150 169.2 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.451 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

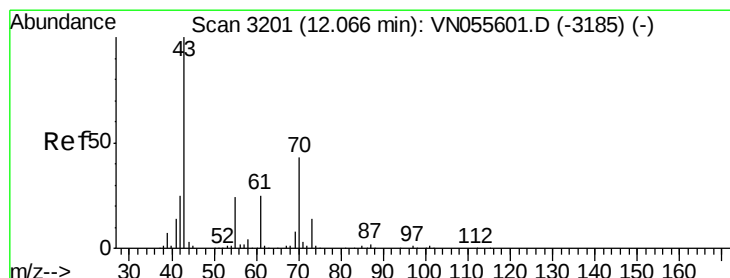
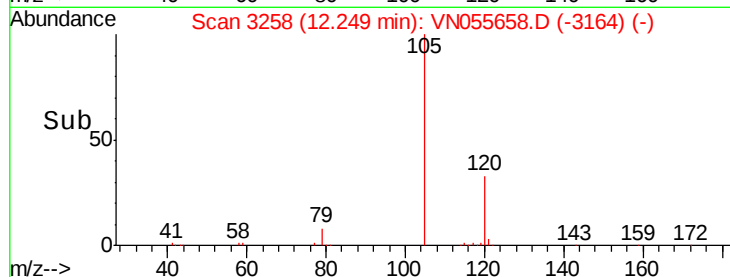
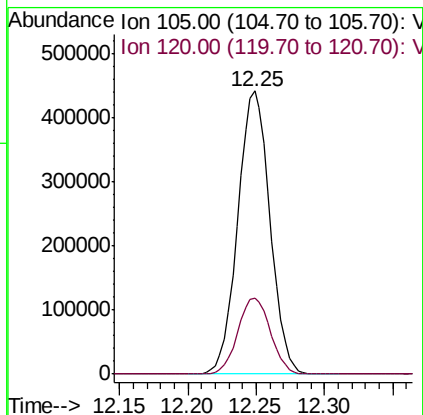
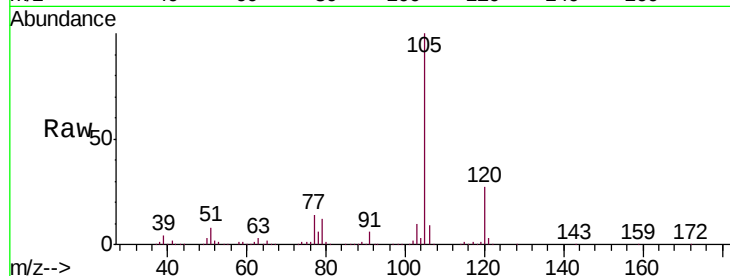
VSTDCCC050EC

Tgt Ion: 105 Resp: 720144

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 45.457 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Tgt Ion: 43 Resp: 269938

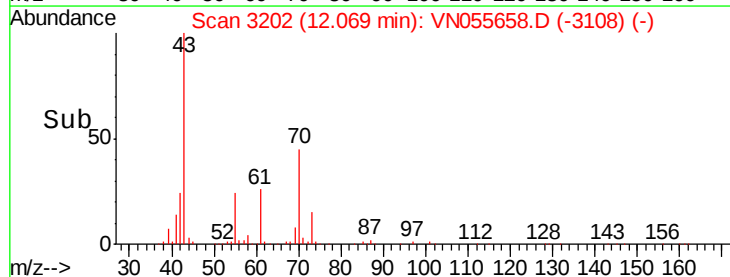
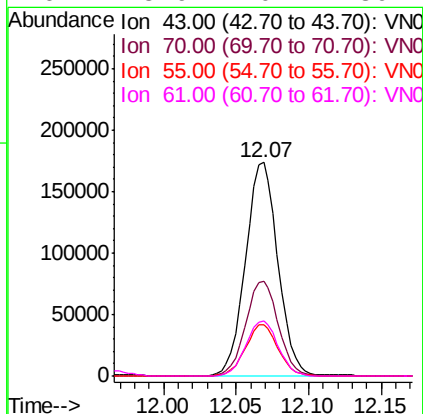
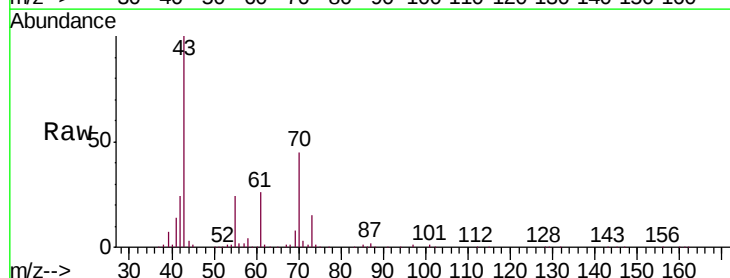
Ion Ratio Lower Upper

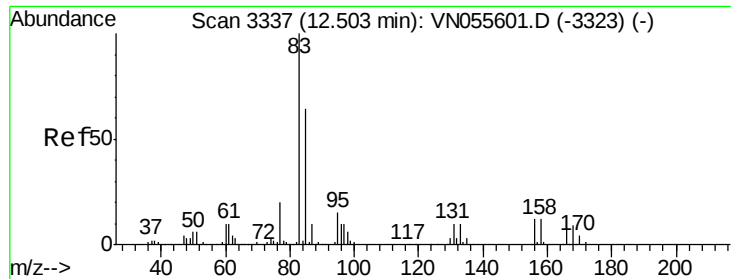
43 100

70 44.8 35.0 52.6

55 24.1 18.9 28.3

61 25.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.202 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

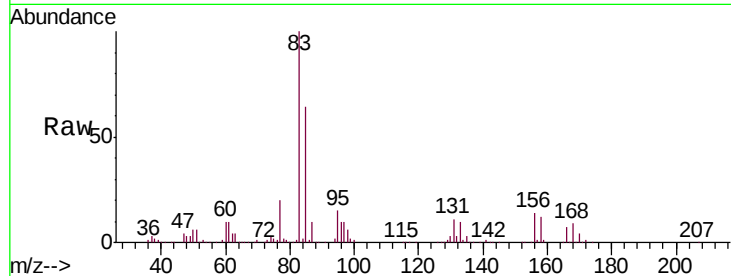
Tgt Ion: 83 Resp: 224235

Ion Ratio Lower Upper

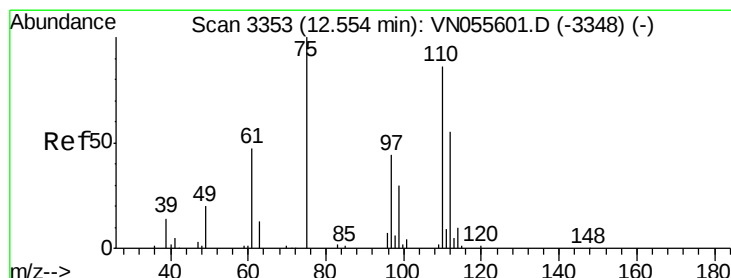
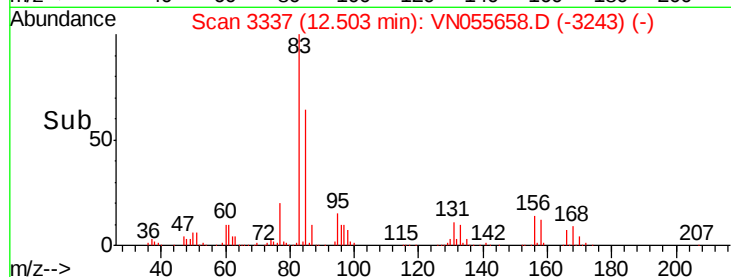
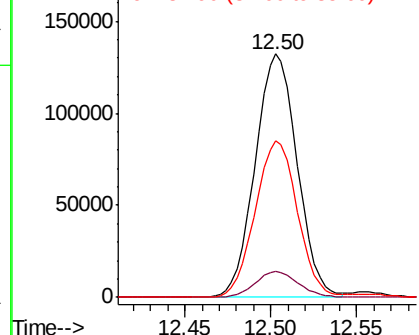
83 100

131 11.2 5.3 16.1

85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 60.686 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055658.D

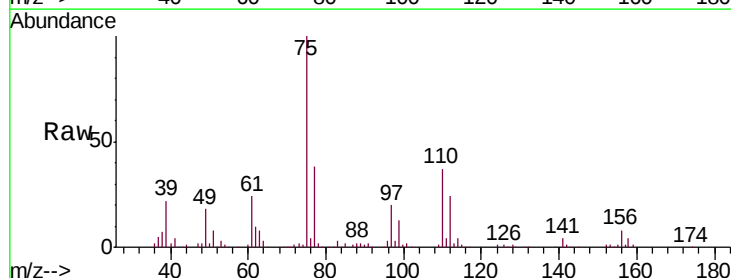
Acq: 18 May 2019 11:11

Tgt Ion: 75 Resp: 261879

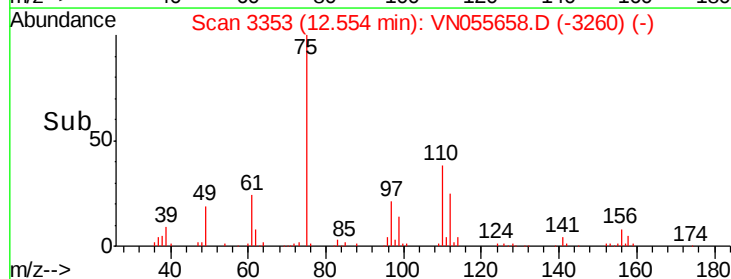
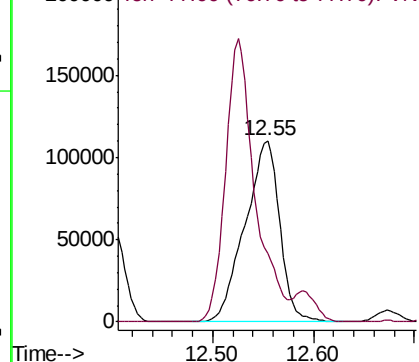
Ion Ratio Lower Upper

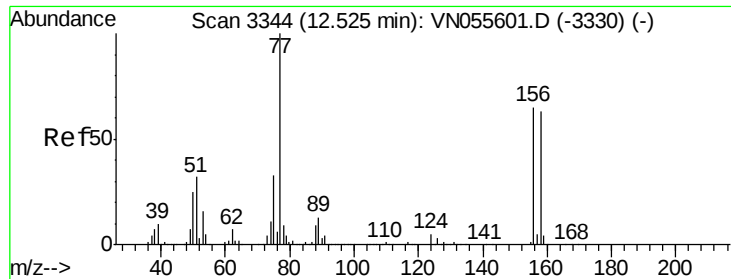
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.392 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

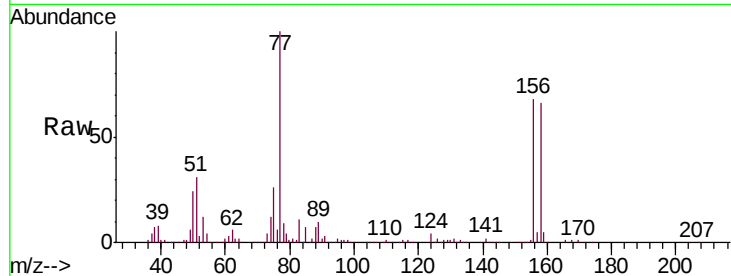
Tgt Ion:156 Resp: 223207

Ion Ratio Lower Upper

156 100

77 158.2 94.5 283.5

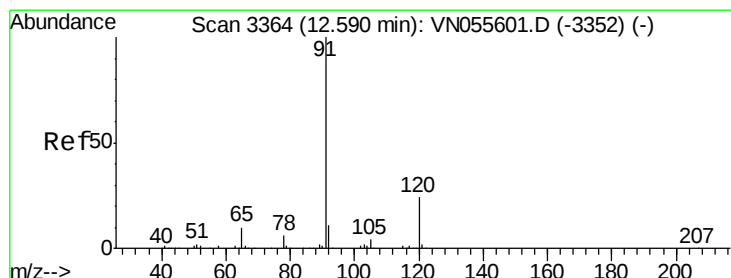
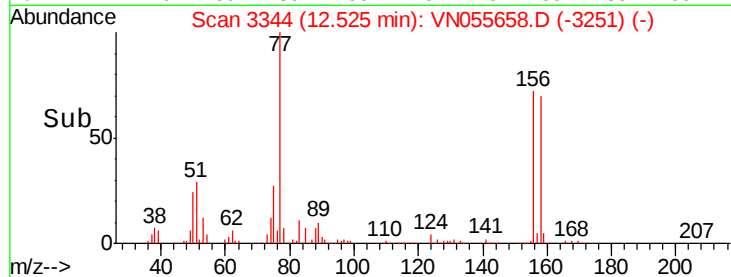
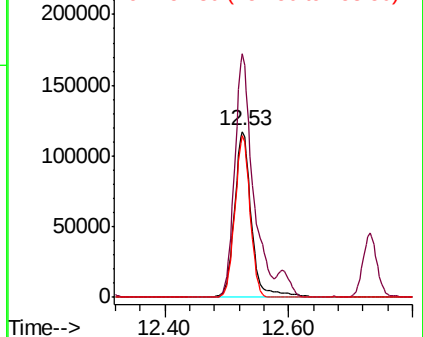
158 87.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.704 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055658.D

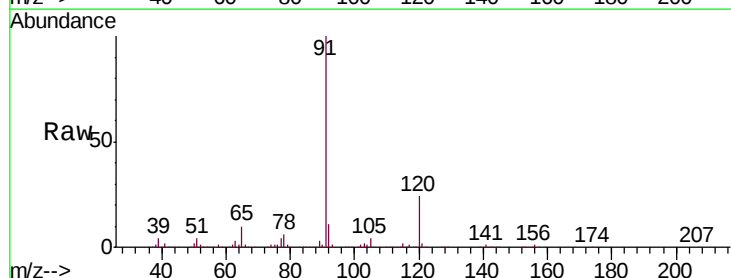
Acq: 18 May 2019 11:11

Tgt Ion: 91 Resp: 783207

Ion Ratio Lower Upper

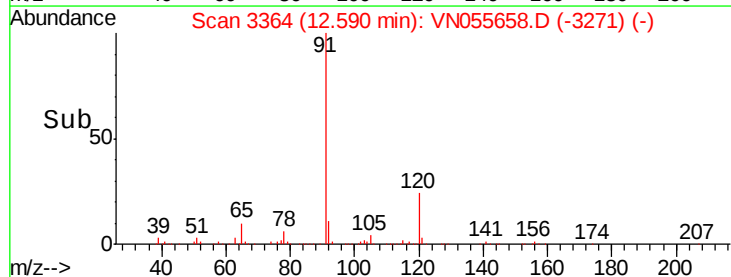
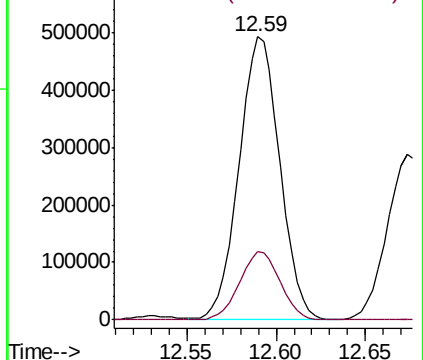
91 100

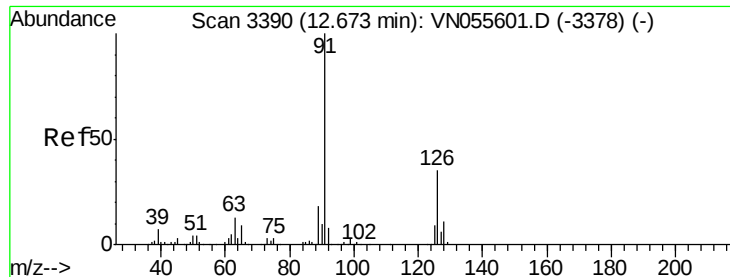
120 24.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.108 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

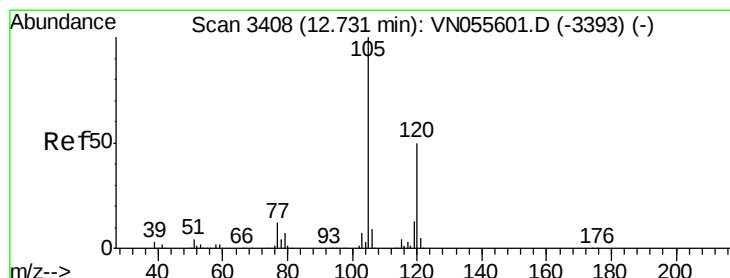
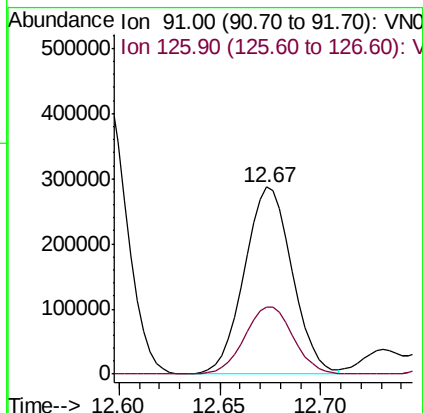
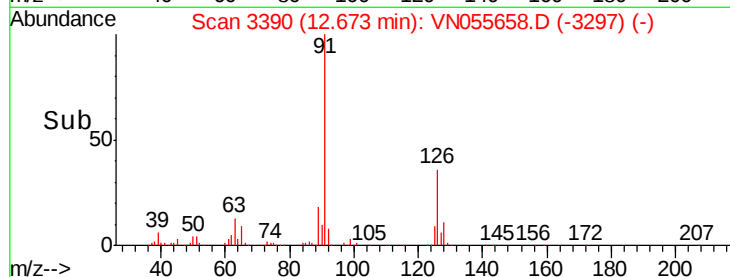
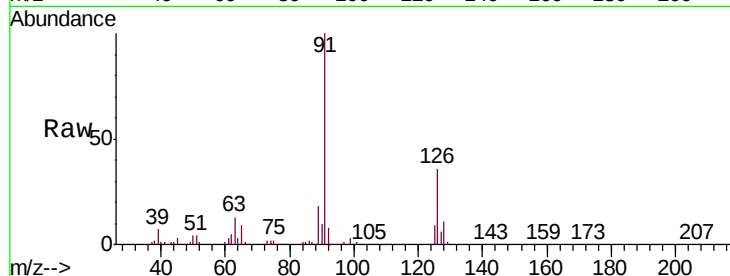
VSTDCCC050EC

Tgt Ion: 91 Resp: 474445

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 47.294 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055658.D

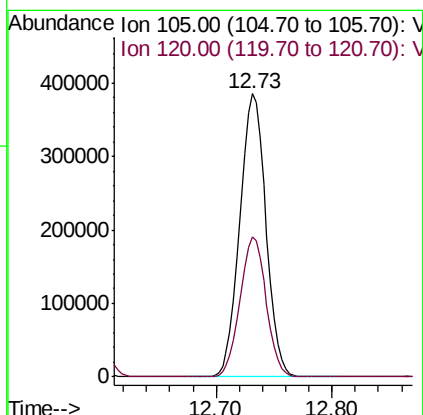
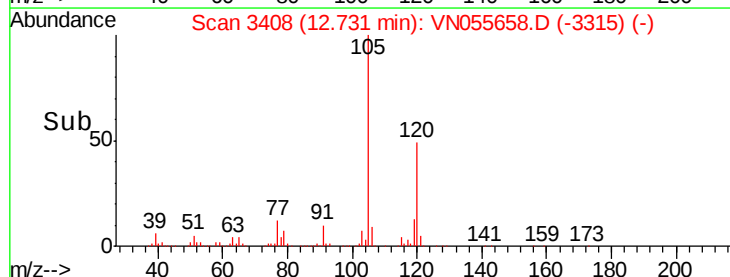
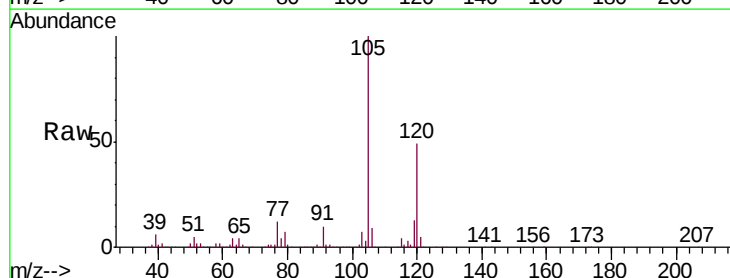
Acq: 18 May 2019 11:11

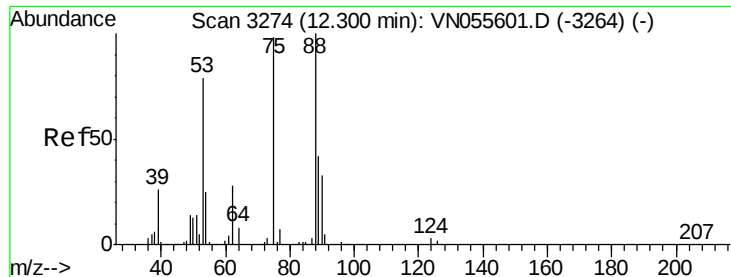
Tgt Ion: 105 Resp: 600984

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 34.180 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

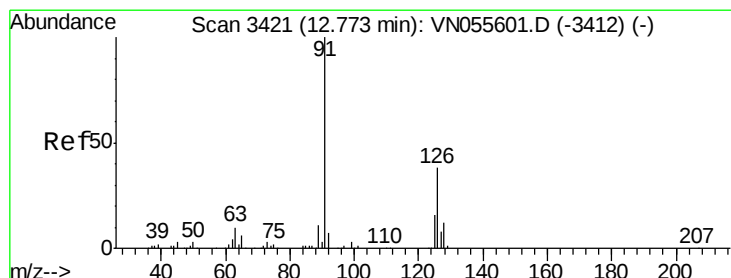
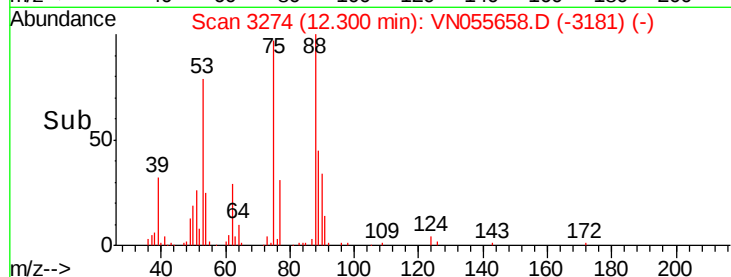
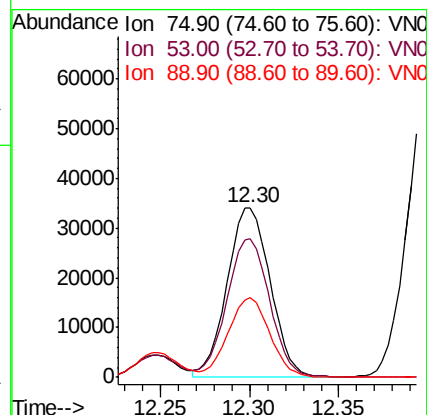
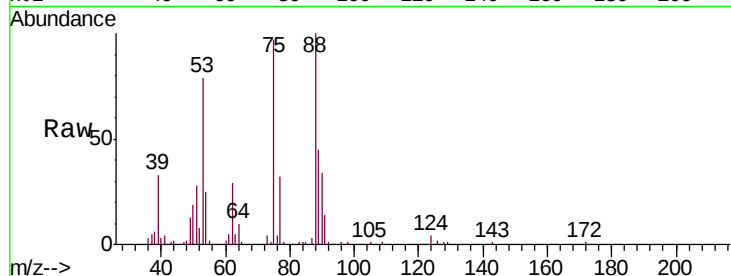
Tgt Ion: 75 Resp: 57378

Ion Ratio Lower Upper

75 100

53 81.4 65.1 97.7

89 45.2 36.4 54.6



#82

4-Chlorotoluene

Concen: 42.884 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055658.D

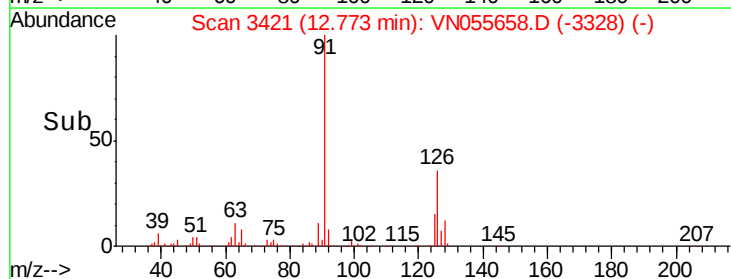
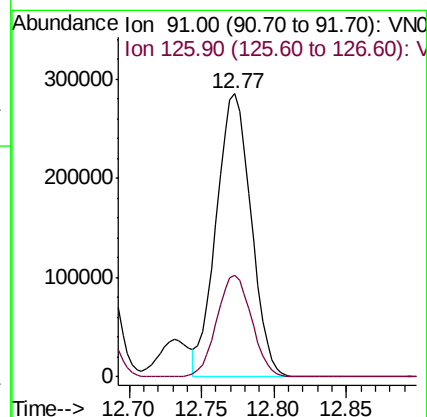
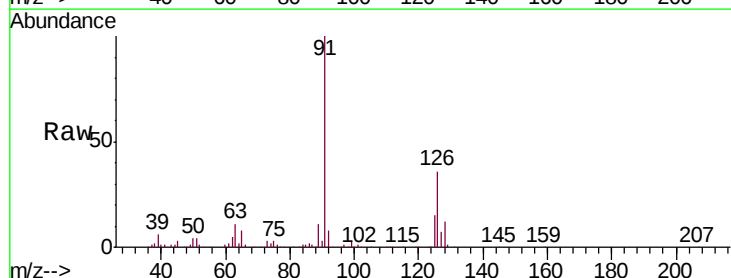
Acq: 18 May 2019 11:11

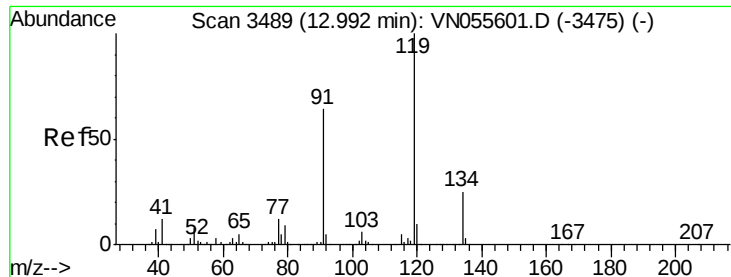
Tgt Ion: 91 Resp: 474520

Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.6

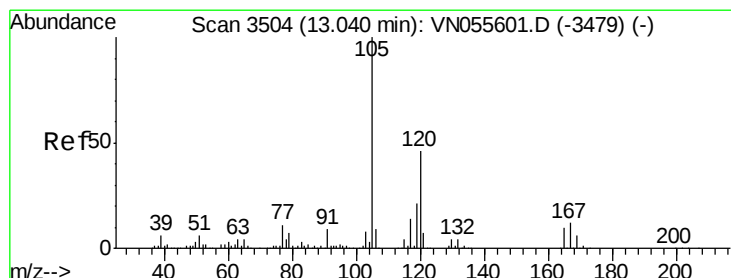
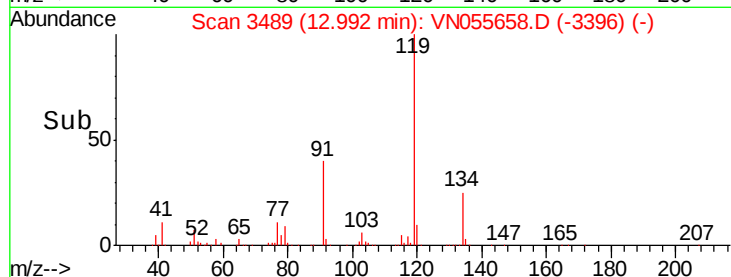
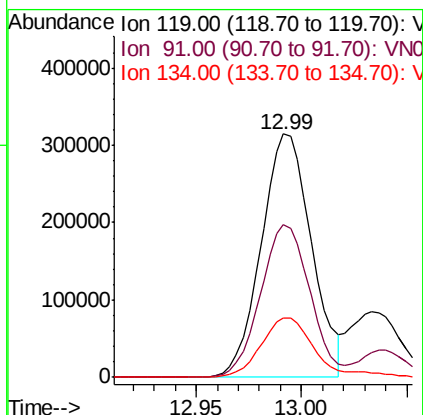
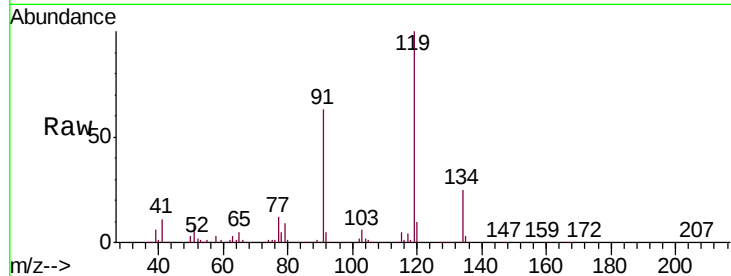




#83
 tert-Butylbenzene
 Concen: 48.444 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

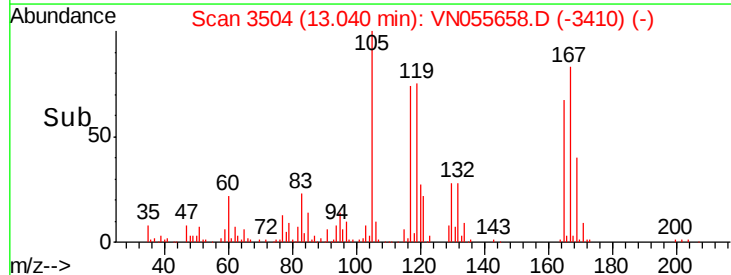
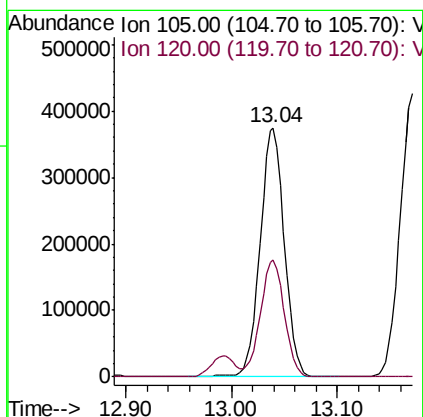
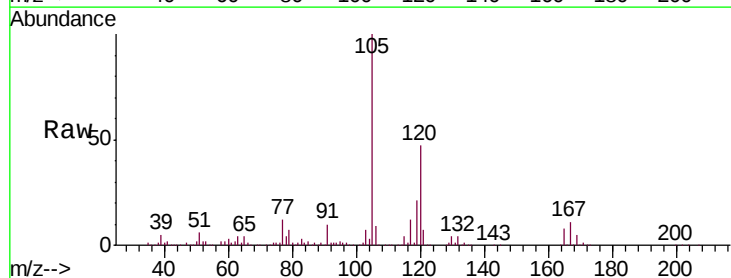
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

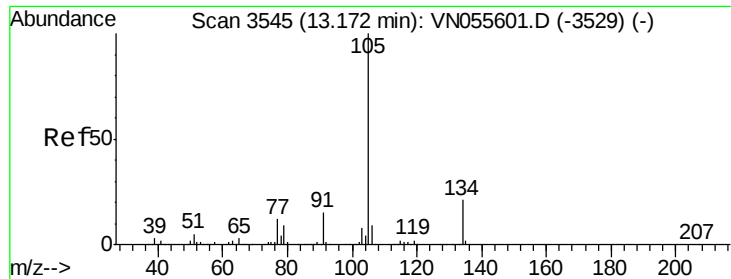
Tgt Ion:119 Resp: 522316
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.3 93.8
 134 26.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.152 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion:105 Resp: 598136
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 47.106 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

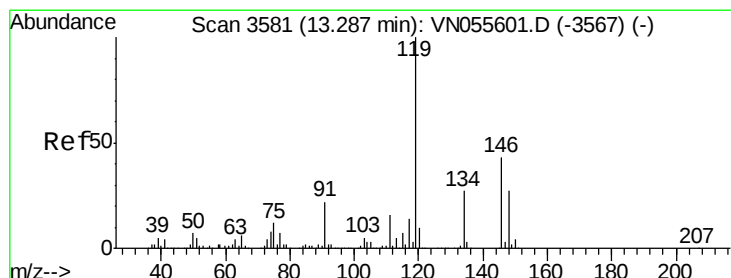
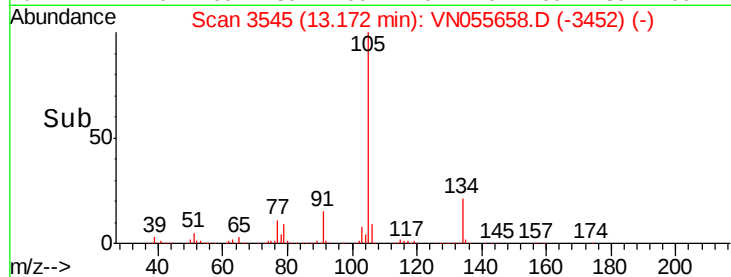
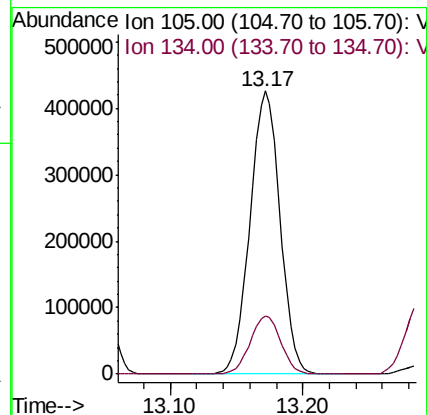
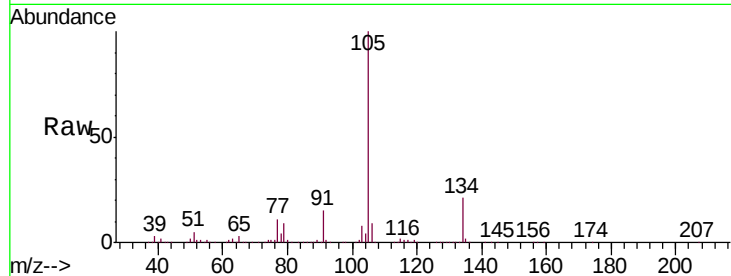
VSTDCCC050EC

Tgt Ion:105 Resp: 667757

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 45.963 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

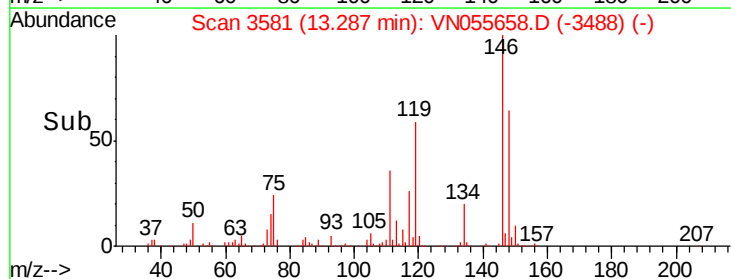
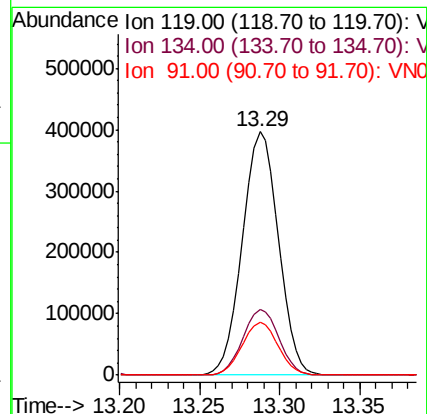
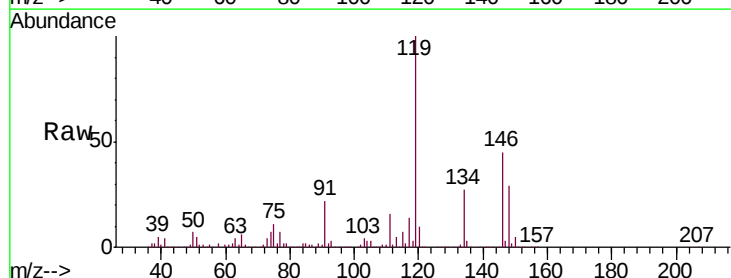
Tgt Ion:119 Resp: 606892

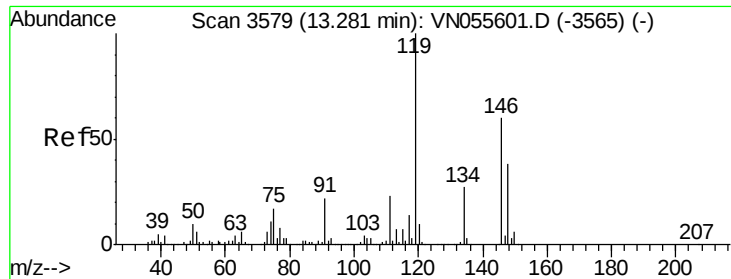
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 21.7 11.0 33.0

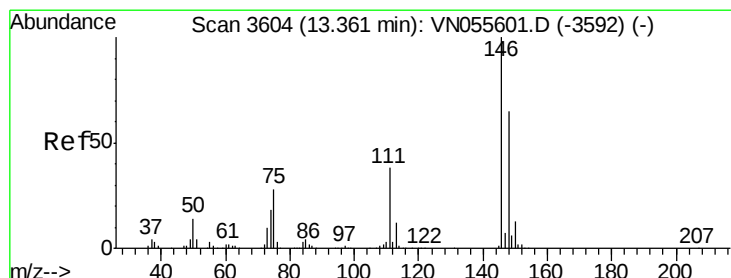
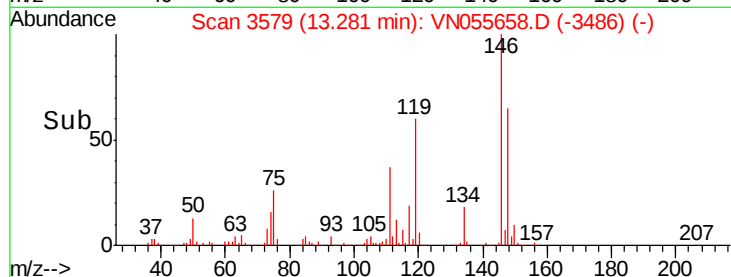
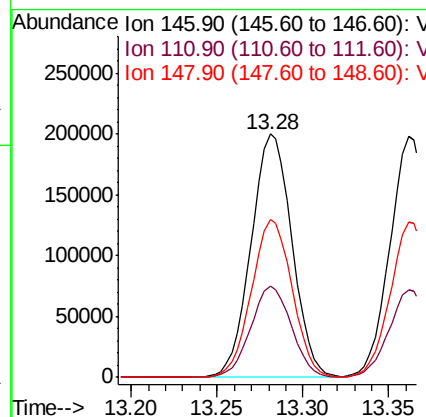
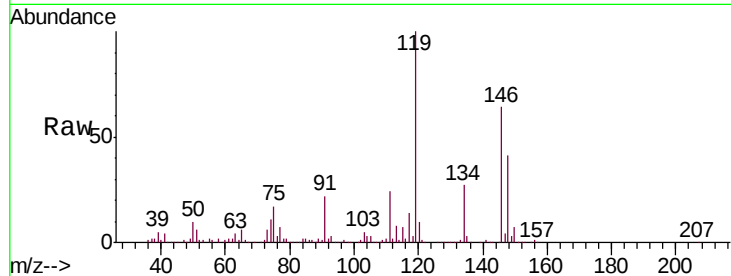




#87
 1,3-Dichlorobenzene
 Concen: 45.961 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

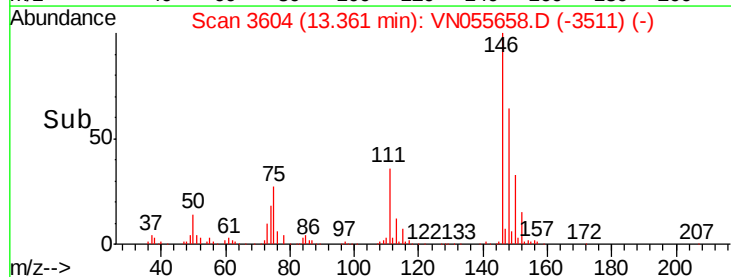
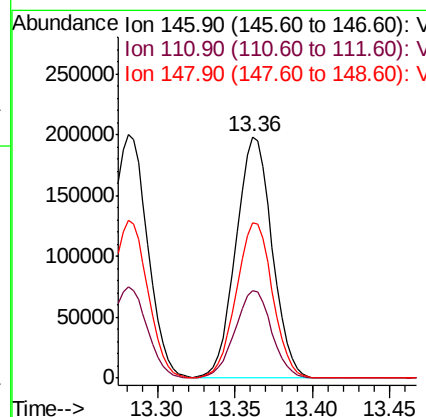
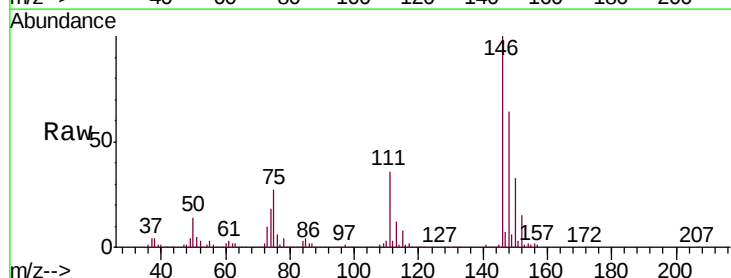
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

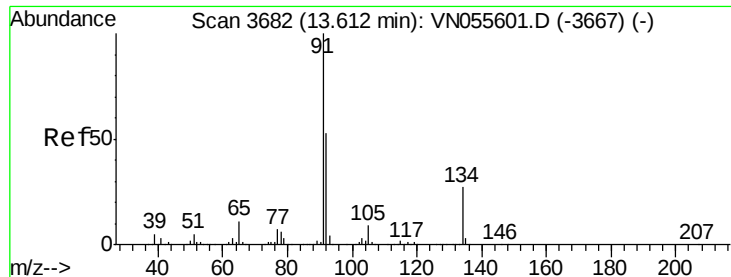
Tgt Ion:146 Resp: 330054
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.901 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion:146 Resp: 321583
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.8 56.4
 148 64.8 32.4 97.0





#89

n-Butylbenzene

Concen: 41.579 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

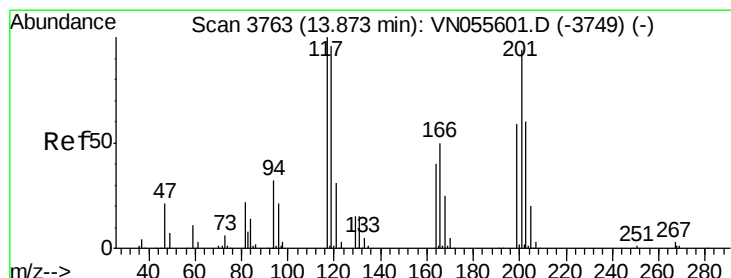
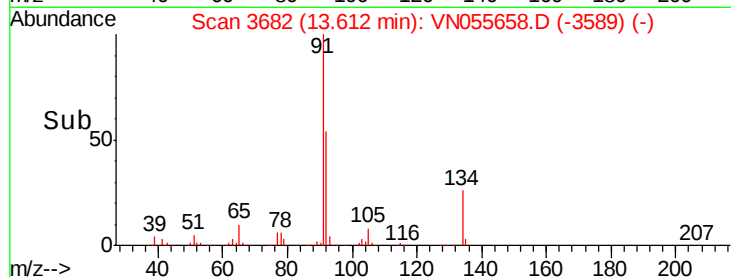
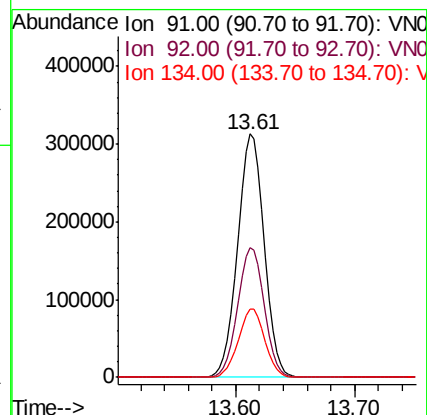
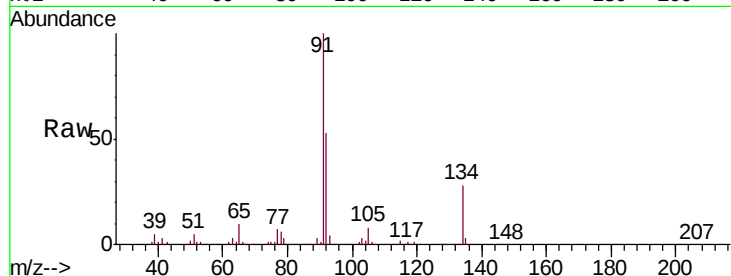
Tgt Ion: 91 Resp: 482513

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 28.0 13.7 41.1



#90

Hexachloroethane

Concen: 48.775 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055658.D

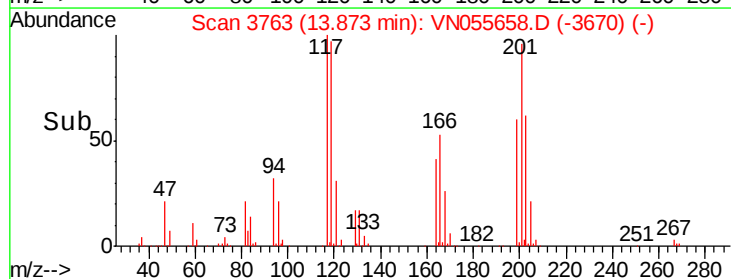
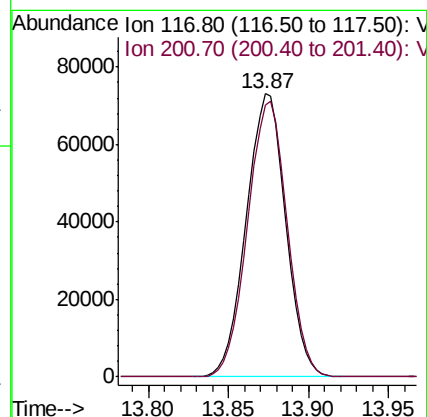
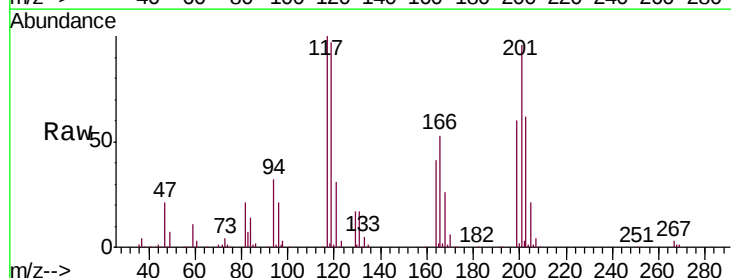
Acq: 18 May 2019 11:11

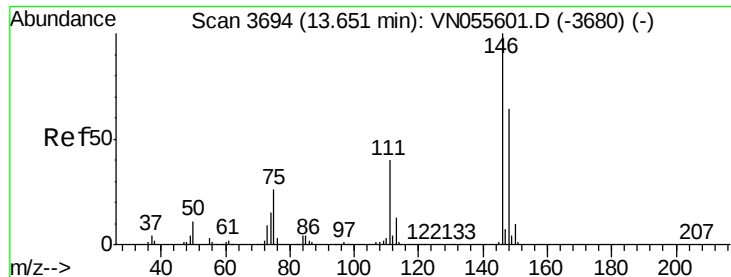
Tgt Ion: 117 Resp: 122803

Ion Ratio Lower Upper

117 100

201 97.8 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 45.757 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

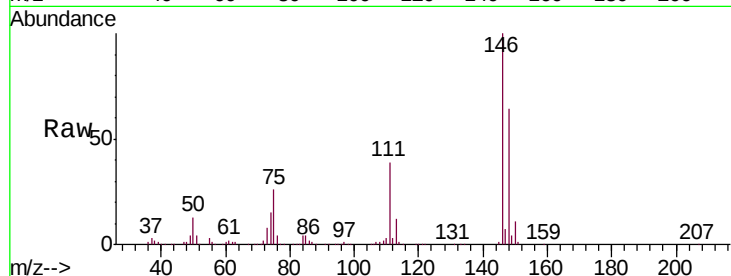
Tgt Ion:146 Resp: 327552

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

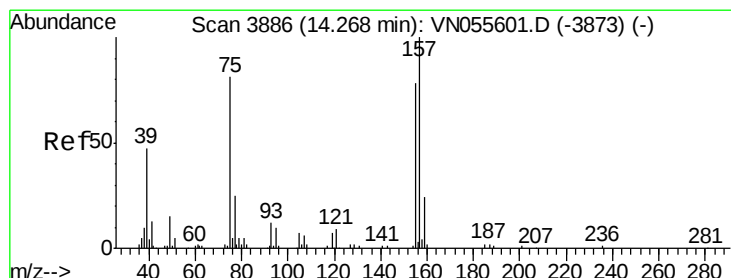
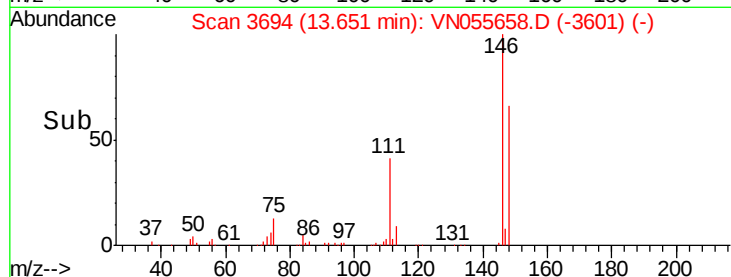
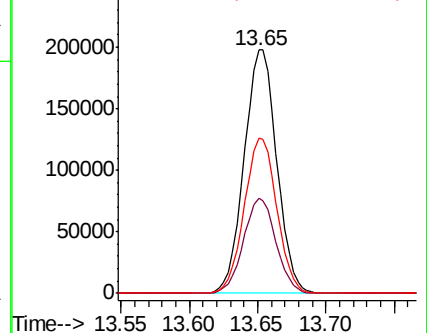
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.507 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

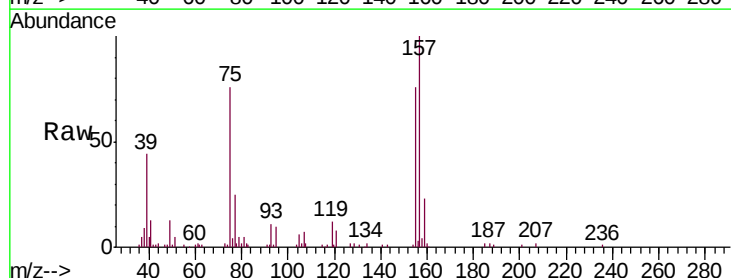
Tgt Ion: 75 Resp: 43675

Ion Ratio Lower Upper

75 100

155 99.9 48.4 145.0

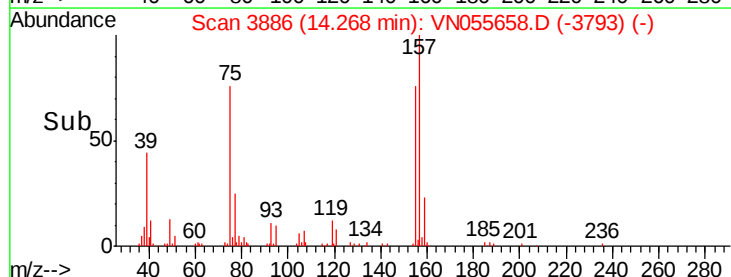
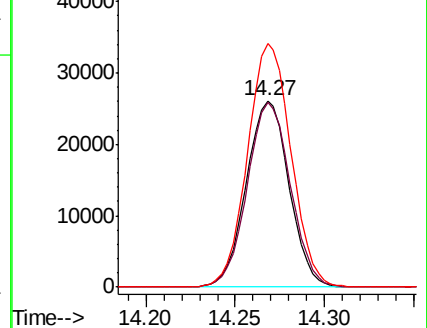
157 133.0 62.3 186.8

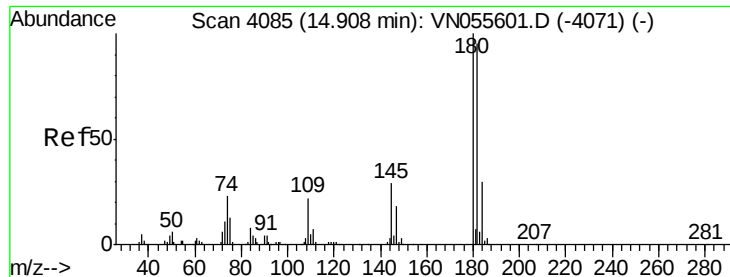


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

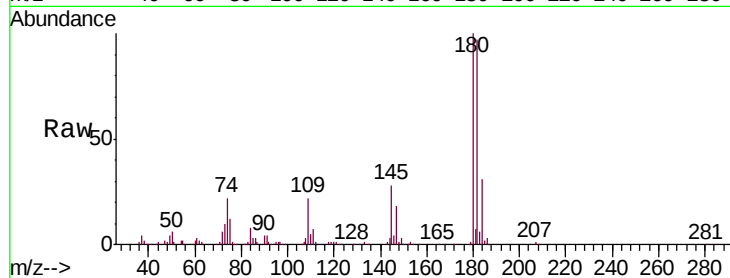




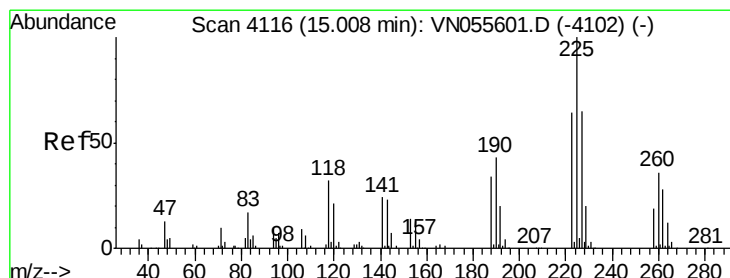
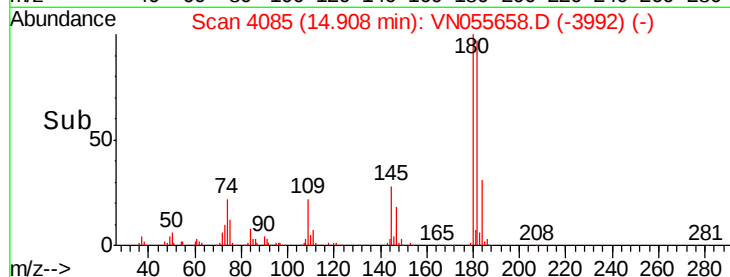
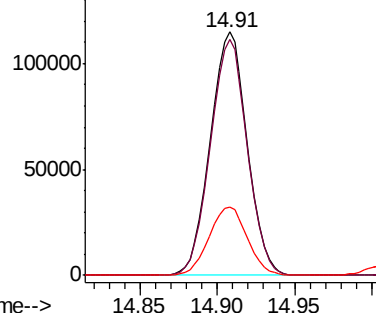
#93
 1,2,4-Trichlorobenzene
 Concen: 52.233 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 190328
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.9 143.6
 145 29.1 14.3 42.9

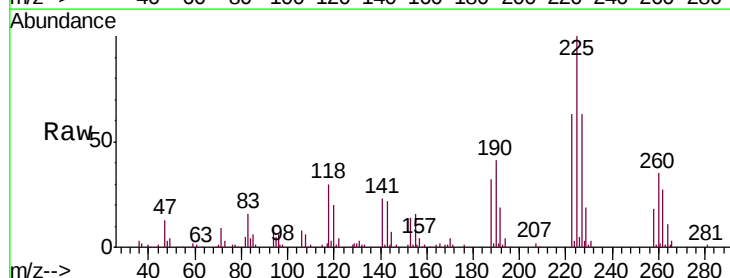


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

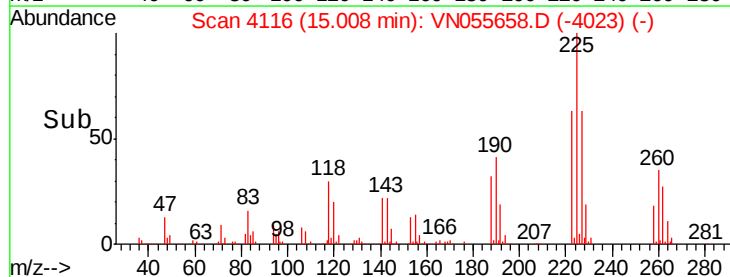
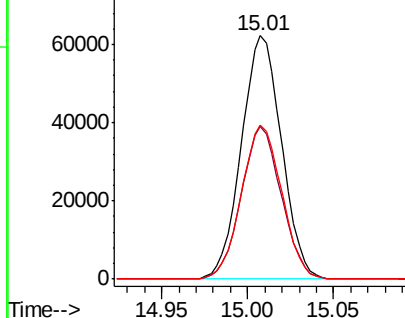


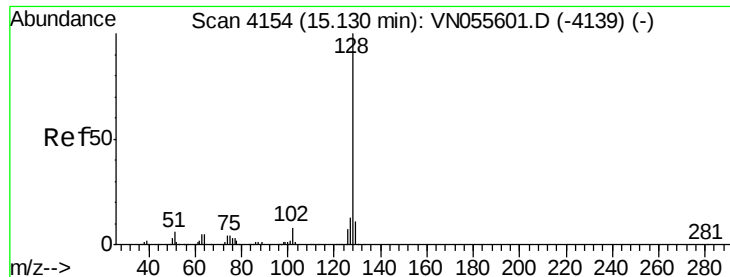
#94
 Hexachlorobutadiene
 Concen: 45.664 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055658.D
 Acq: 18 May 2019 11:11

Tgt Ion:225 Resp: 100983
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.7
 227 63.6 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.740 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

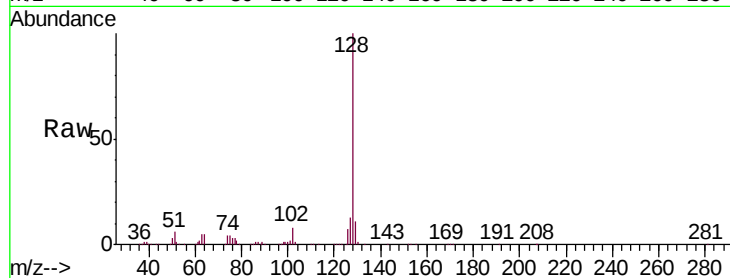
Tgt Ion:128 Resp: 535487

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

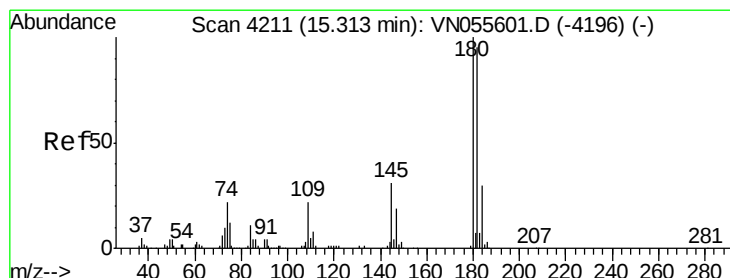
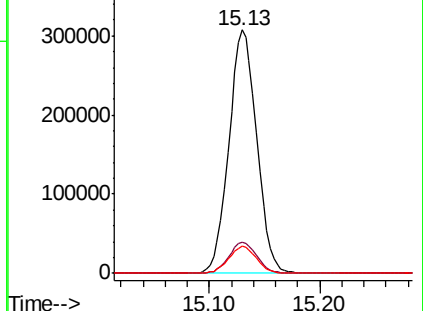
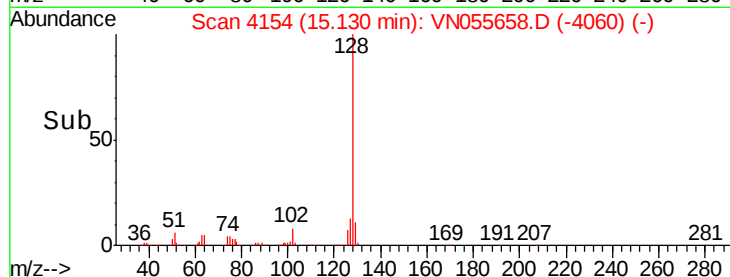
129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.757 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055658.D

Acq: 18 May 2019 11:11

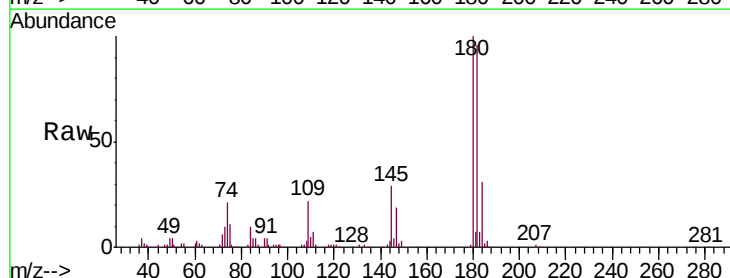
Tgt Ion:180 Resp: 193380

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 30.0 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

