

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055145.D
 Acq On : 19 Apr 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 04:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	443060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	288498	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	231695	49.68	ug/l	0.00
Spiked Amount						
			Recovery	=	99.36%	
50) Toluene-d8	10.09	98	840312	50.35	ug/l	0.00
Spiked Amount						
			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	287462	52.98	ug/l	0.00
Spiked Amount						
			Recovery	=	105.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	228737	45.428	ug/l	100
3) Chloromethane	2.06	50	284372	43.301	ug/l	99
4) Vinyl Chloride	2.18	62	234414	42.466	ug/l	97
5) Bromomethane	2.55	94	128193	41.051	ug/l	97
6) Chloroethane	2.69	64	126446	42.477	ug/l	94
7) Trichlorofluoromethane	3.01	101	351484	50.914	ug/l	97
8) Diethyl Ether	3.41	74	136919	62.133	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	222735	61.652	ug/l	99
10) Methyl Iodide	3.95	142	310661	55.412	ug/l	93
11) Tert butyl alcohol	4.79	59	116875	362.047	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	208206	59.207	ug/l	90
13) Acrolein	3.61	56	83265	208.674	ug/l	96
14) Allyl chloride	4.32	41	440093	51.127	ug/l	99
15) Acrylonitrile	4.99	53	547897	283.676	ug/l	99
16) Acetone	3.82	43	570141	356.677	ug/l	93
17) Carbon Disulfide	4.05	76	496153	43.707	ug/l	100
18) Methyl Acetate	4.33	43	273760	59.505	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	674241	53.598	ug/l	100
20) Methylene Chloride	4.55	84	254653	45.318	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	222611	46.805	ug/l	95
22) Diisopropyl ether	5.95	45	921832	52.095	ug/l	96
23) Vinyl Acetate	5.90	43	3356222	286.947	ug/l	100
24) 1,1-Dichloroethane	5.85	63	466924	49.551	ug/l	99
25) 2-Butanone	6.84	43	752218	315.301	ug/l	99
26) 2,2-Dichloropropane	6.82	77	337285	56.711	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	268436	49.887	ug/l	99
28) Bromochloromethane	7.20	49	230455	50.734	ug/l #	99
29) Tetrahydrofuran	7.21	42	459128	293.471	ug/l	99
30) Chloroform	7.37	83	449760	49.137	ug/l	97
31) Cyclohexane	7.65	56	410444	49.248	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	368507	50.816	ug/l	99
36) 1,1-Dichloropropene	7.79	75	326840	49.687	ug/l	99
37) Ethyl Acetate	6.93	43	293433	54.794	ug/l	100
38) Carbon Tetrachloride	7.78	117	307501	49.135	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	345778	48.510	ug/l	99
40) Benzene	8.04	78	985148	49.692	ug/l	99
41) Methacrylonitrile	7.18	41	144355	48.561	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	349037	50.709	ug/l	99
43) Isopropyl Acetate	8.17	43	494583	59.937	ug/l #	88
44) Trichloroethene	8.84	130	252827	50.915	ug/l	98
45) 1,2-Dichloropropane	9.12	63	287821	52.057	ug/l	98
46) Dibromomethane	9.21	93	164463	52.260	ug/l	100
47) Bromodichloromethane	9.40	83	345402	53.235	ug/l	99
48) Methyl methacrylate	9.20	41	244756	59.843	ug/l	99
49) 1,4-Dioxane	9.20	88	59205	1545.084	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1472453	308.873	ug/l	99
52) Toluene	10.16	92	587298	51.723	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	341676	60.258	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	401112	56.997	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	227357	51.971	ug/l	97
56) Ethyl methacrylate	10.43	69	323003	61.523	ug/l	98
57) 1,3-Dichloropropane	10.71	76	399142	53.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	514111	224.107	ug/l	99
59) 2-Hexanone	10.75	43	965788	322.549	ug/l	100
60) Dibromochloromethane	10.90	129	243972	57.112	ug/l	98
61) 1,2-Dibromoethane	11.01	107	221955	55.123	ug/l	99
64) Tetrachloroethene	10.63	164	232984	47.128	ug/l	98
65) Chlorobenzene	11.43	112	613464	50.129	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	237070	52.671	ug/l	99
67) Ethyl Benzene	11.51	91	1123592	51.413	ug/l	100
68) m/p-Xylenes	11.62	106	823163	104.018	ug/l	100
69) o-Xylene	11.95	106	404370	52.756	ug/l	99
70) Styrene	11.96	104	676629	54.536	ug/l	99
71) Bromoform	12.13	173	157315	60.978	ug/l #	100
73) Isopropylbenzene	12.25	105	1074179	46.477	ug/l	99
74) N-amyl acetate	12.07	43	383967	59.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	297154	48.050	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	351891	75.133	ug/l #	100
77) Bromobenzene	12.53	156	264378	45.884	ug/l	98
78) n-propylbenzene	12.59	91	1197093	47.940	ug/l	100
79) 2-Chlorotoluene	12.67	91	731927	46.993	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	878897	47.123	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	73575	62.818	ug/l	91
82) 4-Chlorotoluene	12.77	91	718797	49.466	ug/l	100
83) tert-Butylbenzene	12.99	119	743470	47.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	862067	48.772	ug/l	100
85) sec-Butylbenzene	13.17	105	958587	47.760	ug/l	100
86) p-Isopropyltoluene	13.29	119	849538	49.336	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	443396	50.628	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	426241	51.037	ug/l	99
89) n-Butylbenzene	13.62	91	692862	54.202	ug/l	99
90) Hexachloroethane	13.87	117	141143	50.375	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	430057	48.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44056	57.851	ug/l	97

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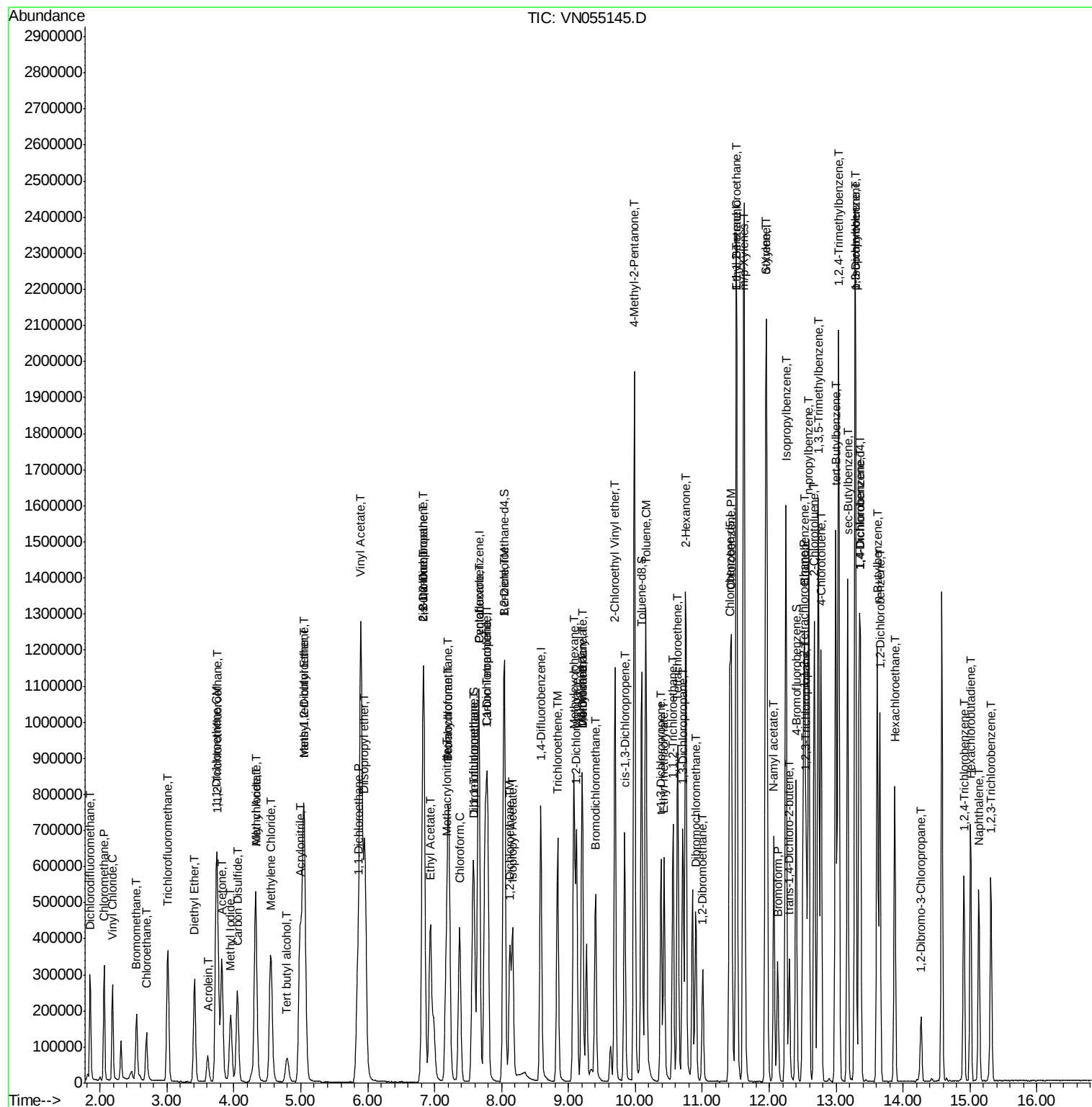
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	194708	48.812	ug/l	98
94) Hexachlorobutadiene	15.01	225	142249	52.265	ug/l	98
95) Naphthalene	15.13	128	441769	47.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	194547	57.230	ug/l	99

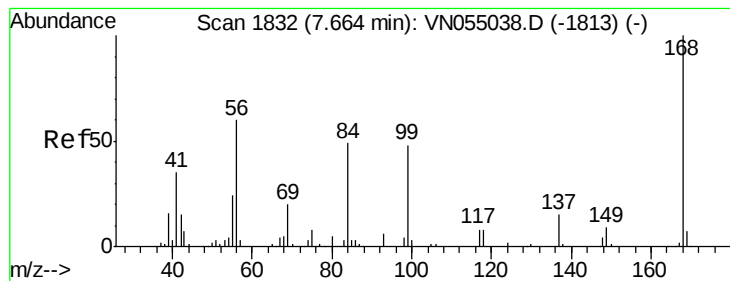
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

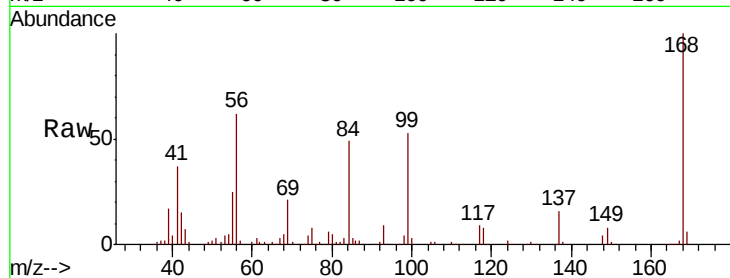
VSTDCCC050

Tot Ion:168 Resp: 443060

Ion Ratio Lower Upper

168 100

99 52.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

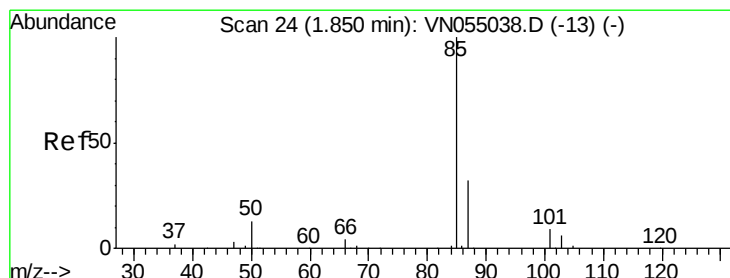
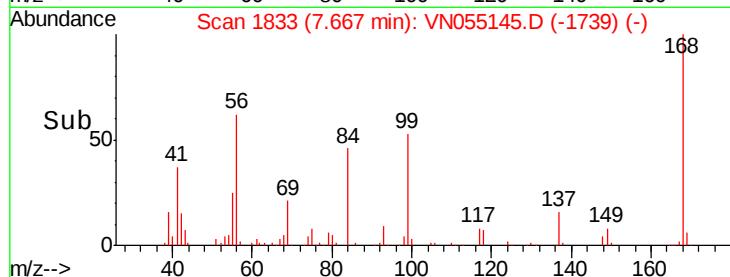
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 45.428 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055145.D

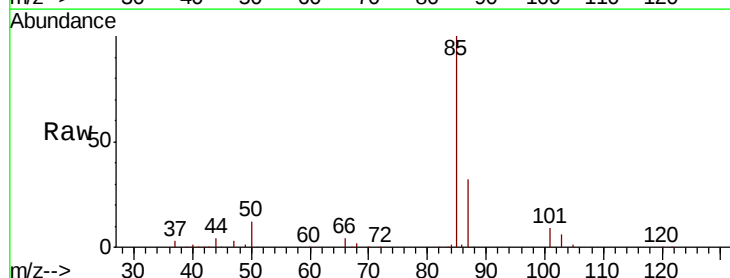
Acq: 19 Apr 2019 17:42

Tgt Ion: 85 Resp: 228737

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

150000

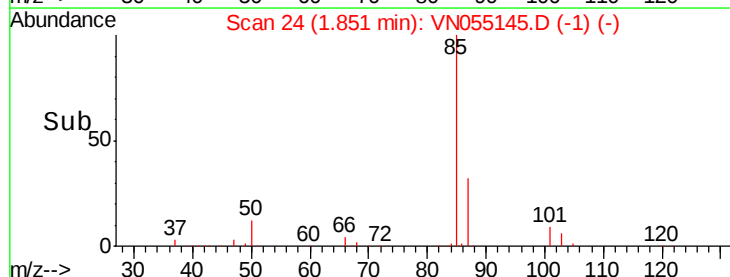
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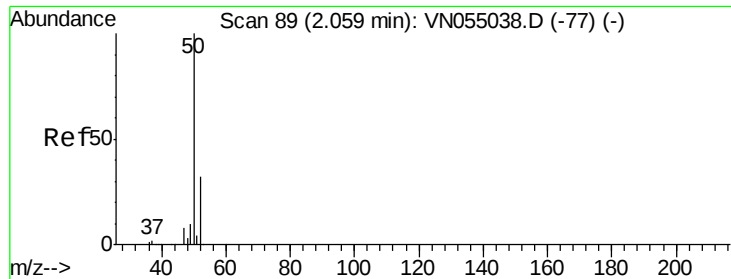
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.301 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

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ClientSampleId :

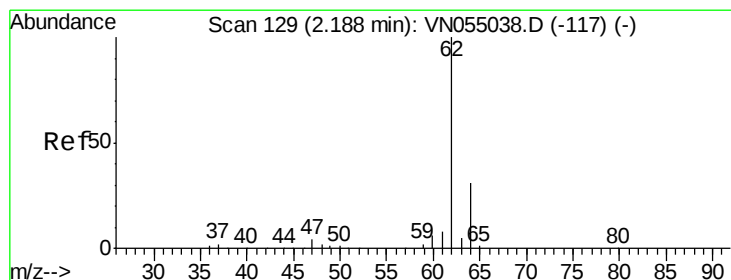
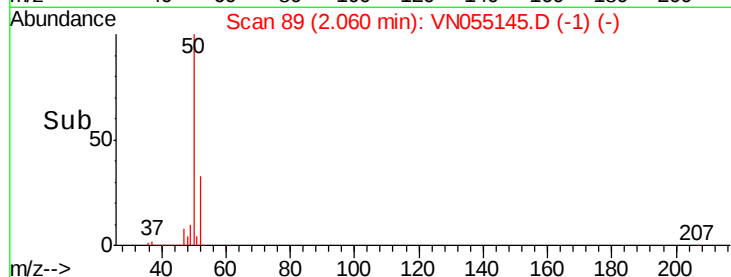
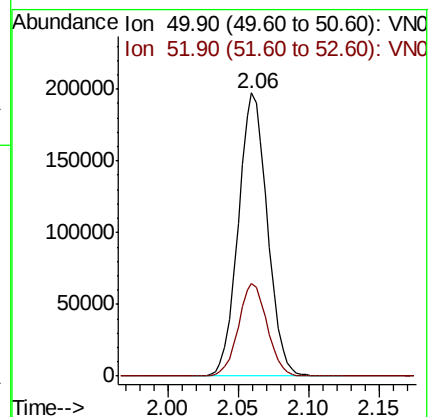
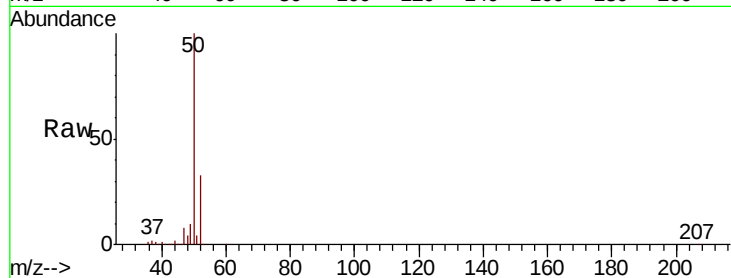
VSTDCCC050

Tot Ion: 50 Resp: 284372

Ion Ratio Lower Upper

50 100

52 33.0 26.6 40.0



#4

Vinyl Chloride

Concen: 42.466 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055145.D

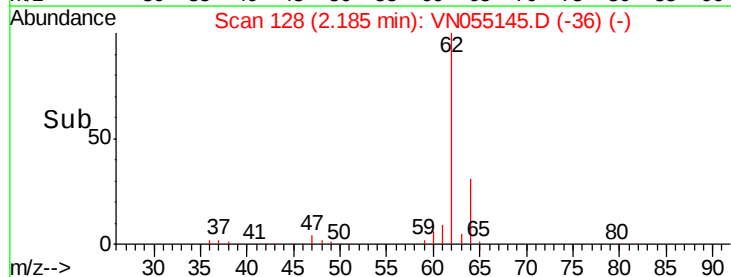
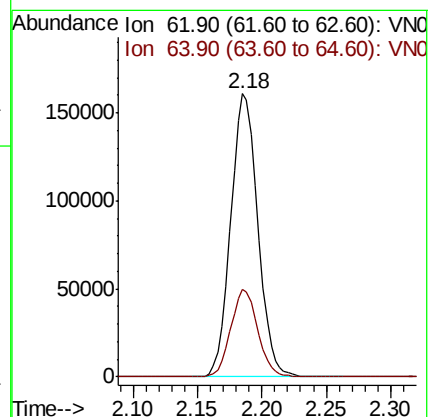
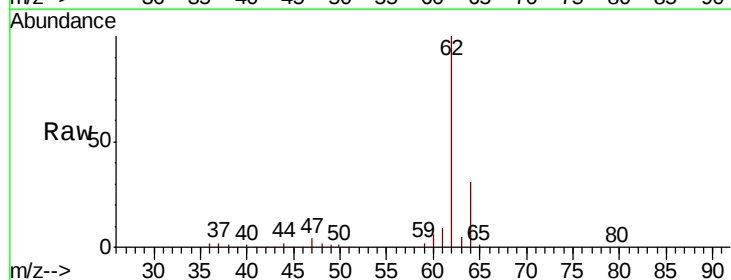
Acq: 19 Apr 2019 17:42

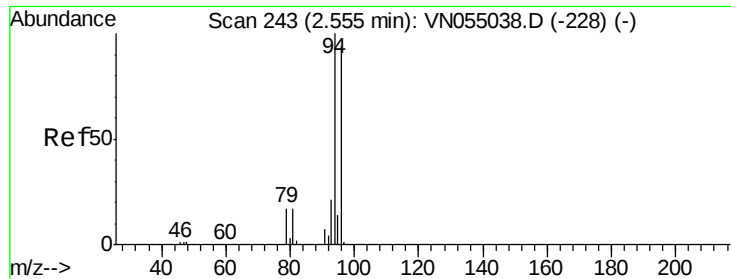
Tgt Ion: 62 Resp: 234414

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.6





#5

Bromomethane

Concen: 41.051 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

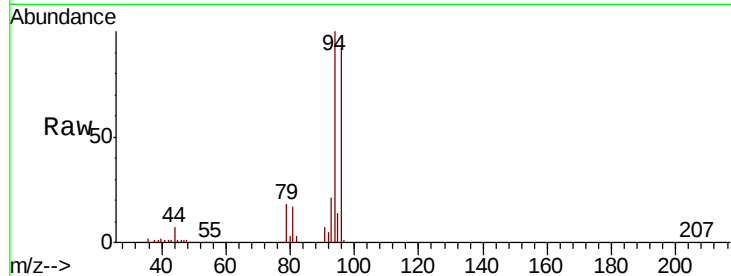
VSTDCCC050

Tot Ion: 94 Resp: 128193

Ion Ratio Lower Upper

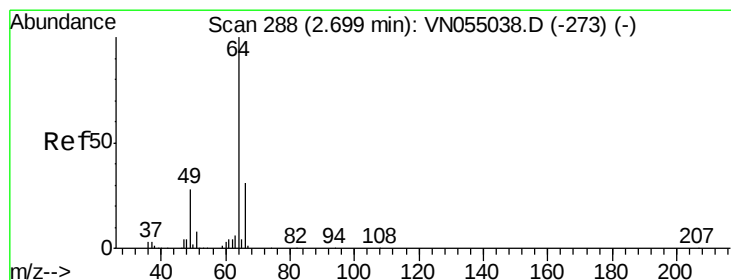
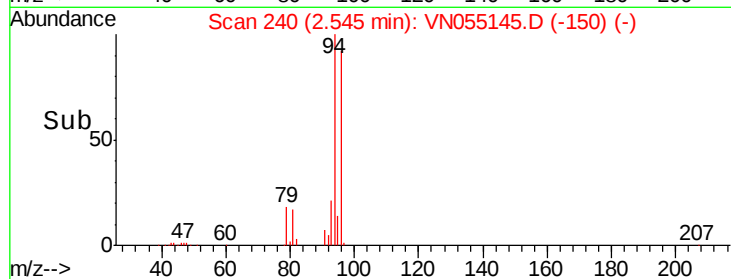
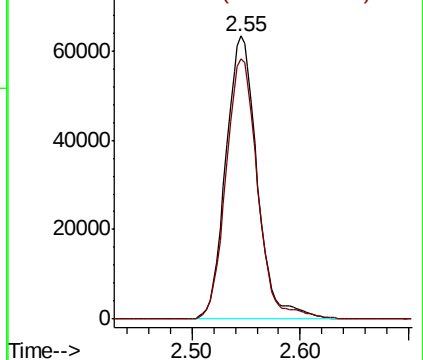
94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 42.477 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055145.D

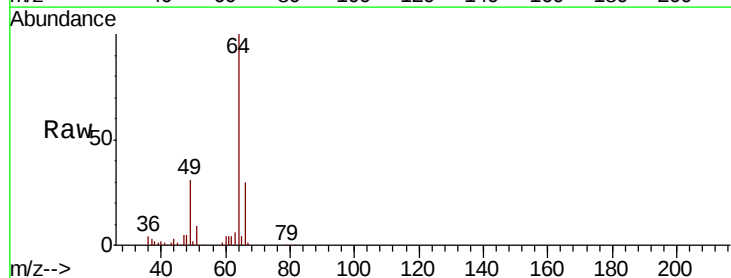
Acq: 19 Apr 2019 17:42

Tgt Ion: 64 Resp: 126446

Ion Ratio Lower Upper

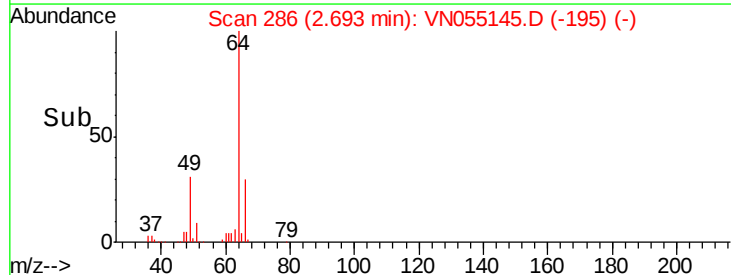
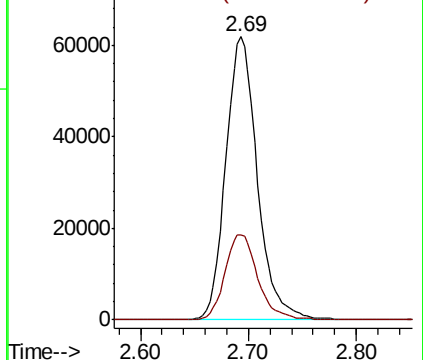
64 100

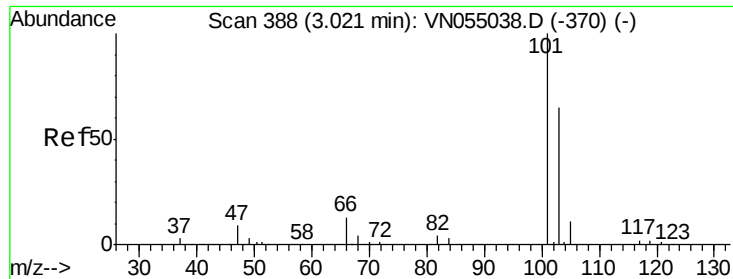
66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



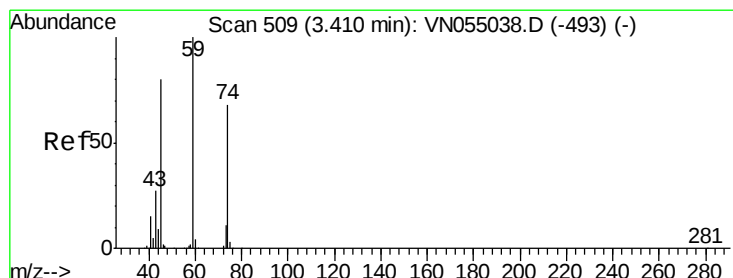
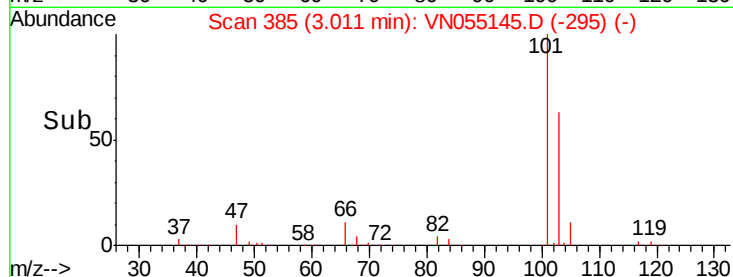
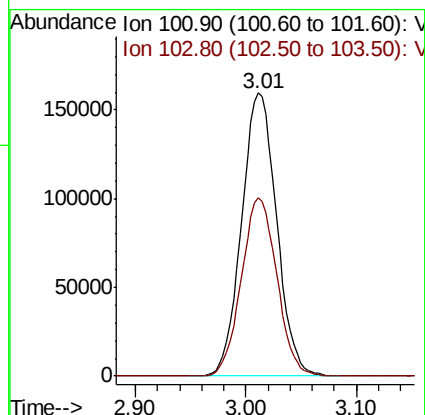
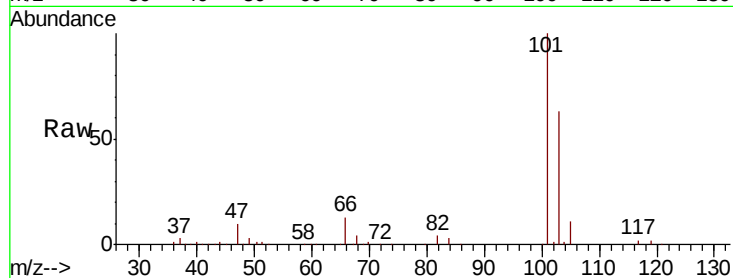


#7

Trichlorofluoromethane
 Concen: 50.914 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
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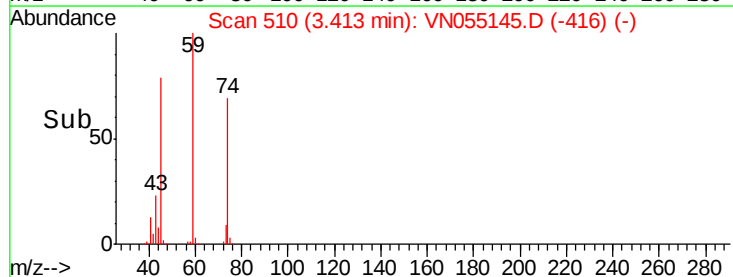
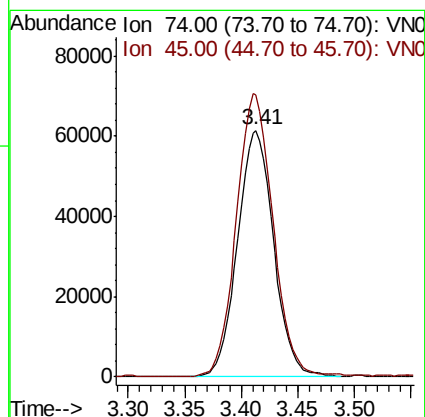
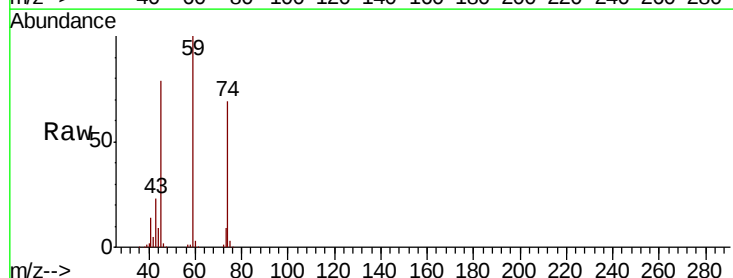
Tot Ion:101 Resp: 351484
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.5 78.7

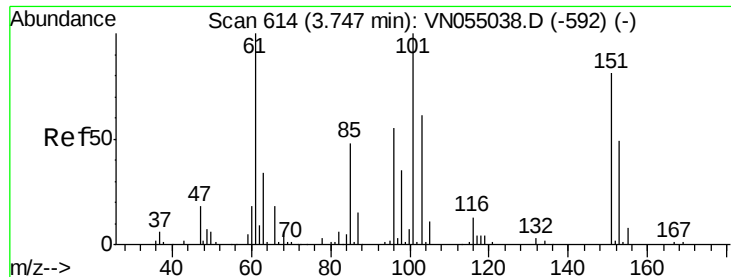


#8

Diethyl Ether
 Concen: 62.133 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 74 Resp: 136919
 Ion Ratio Lower Upper
 74 100
 45 115.8 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.652 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN055145.D

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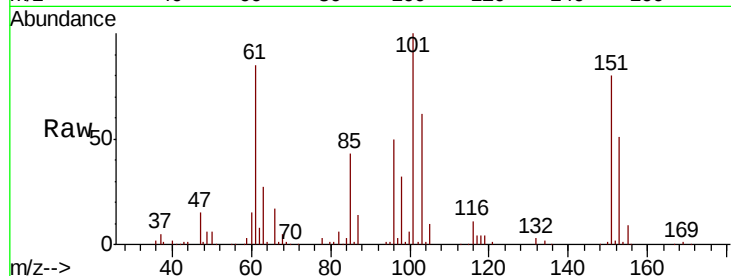
Tot Ion:101 Resp: 222735

Ion Ratio Lower Upper

101 100

85 44.2 36.9 55.3

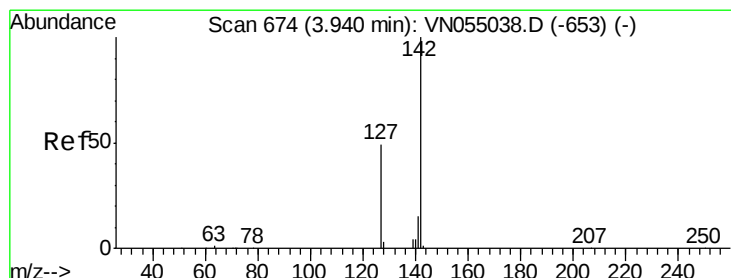
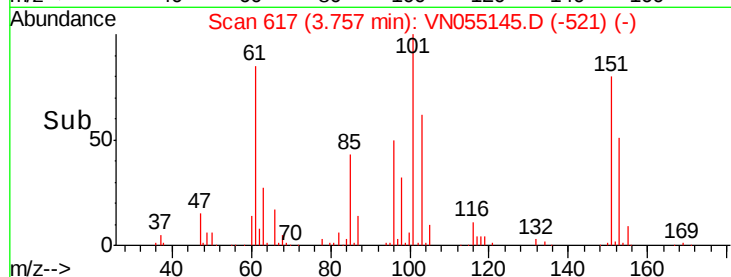
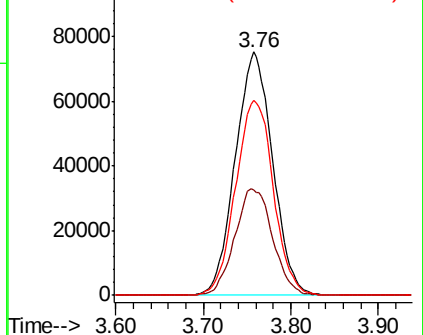
151 80.9 64.4 96.6



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: 55.412 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

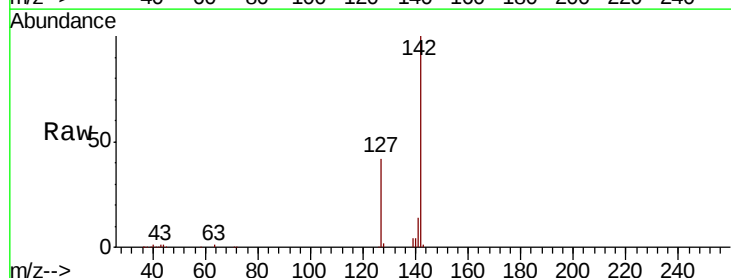
Tgt Ion:142 Resp: 310661

Ion Ratio Lower Upper

142 100

127 41.8 37.9 56.9

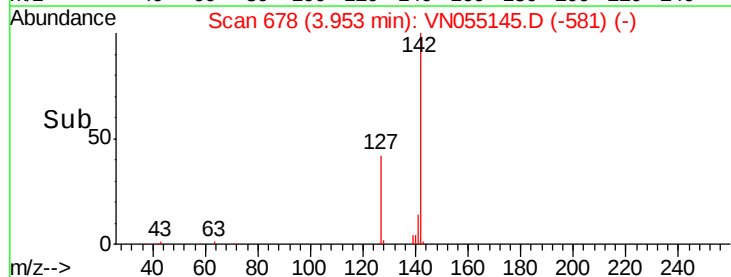
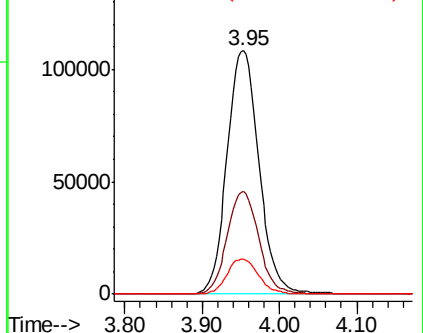
141 14.2 11.8 17.8

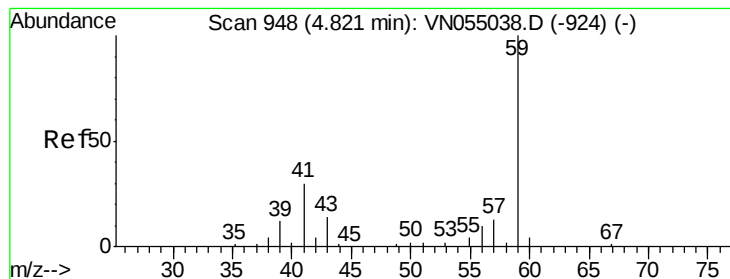


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



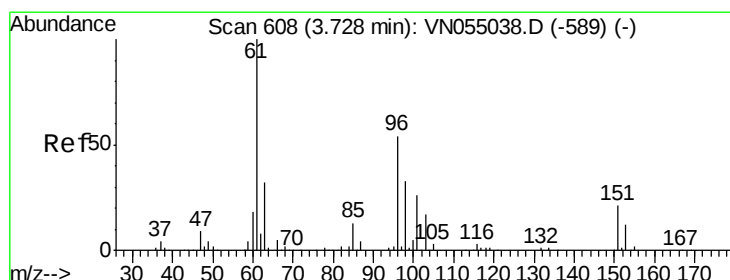
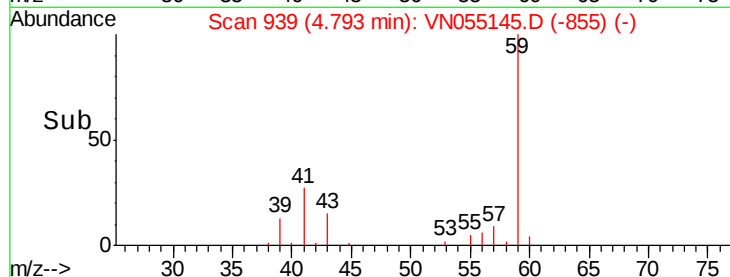
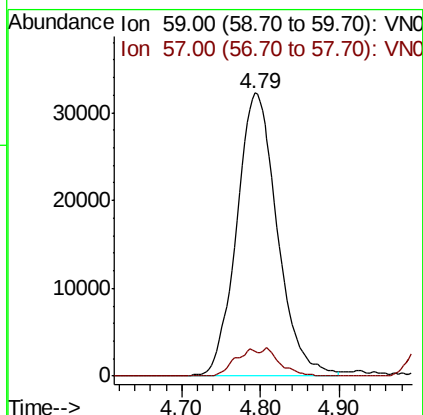
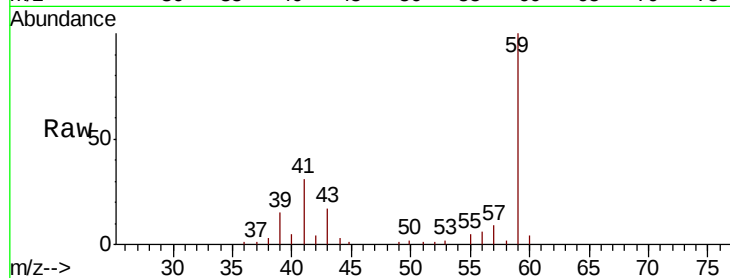


#11

Tert butyl alcohol
 Concen: 362.047 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

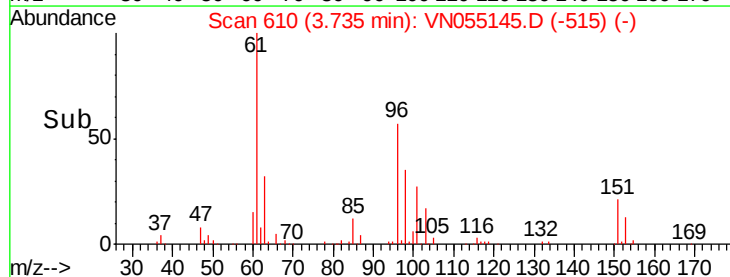
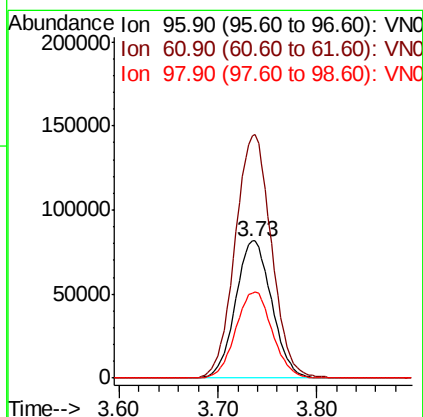
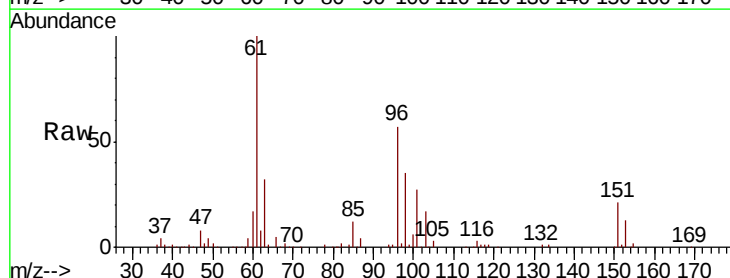
Tot Ion: 59 Resp: 116875
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.3 12.5#

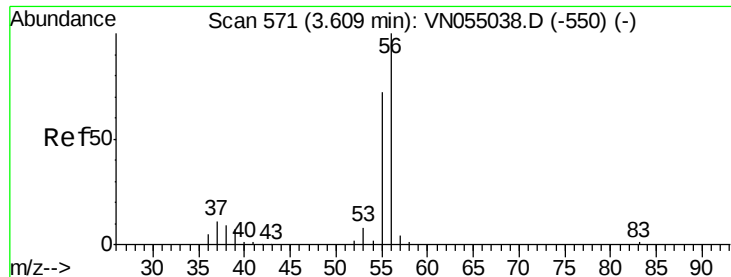


#12

1,1-Dichloroethene
 Concen: 59.207 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 96 Resp: 208206
 Ion Ratio Lower Upper
 96 100
 61 176.3 154.2 231.4
 98 62.2 52.9 79.3





#13

Acrolein

Concen: 208.674 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

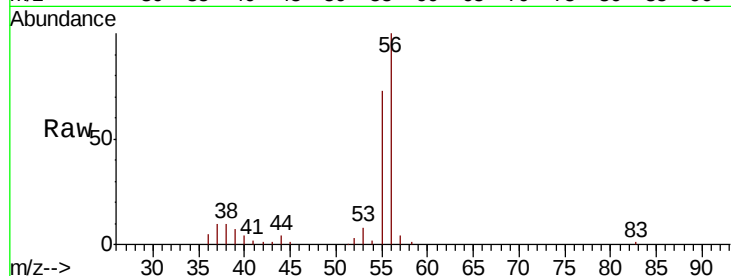
VSTDCCC050

Tot Ion: 56 Resp: 83265

Ion Ratio Lower Upper

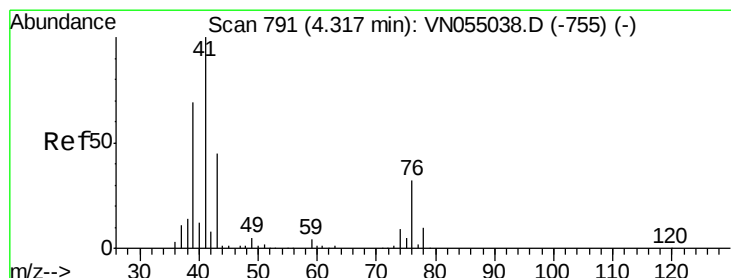
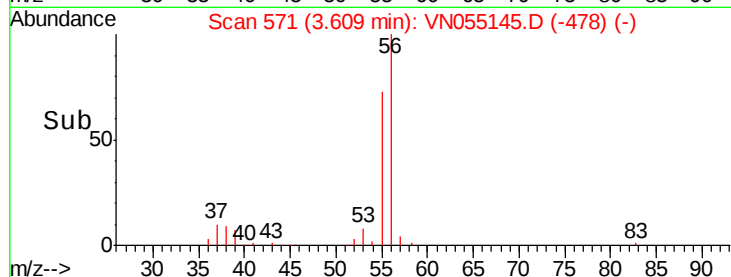
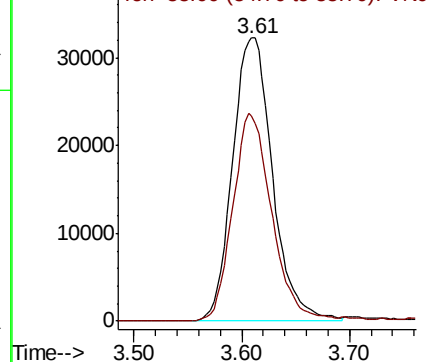
56 100

55 71.3 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.127 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

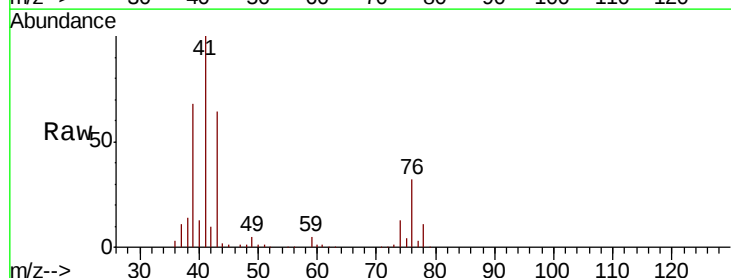
Tgt Ion: 41 Resp: 440093

Ion Ratio Lower Upper

41 100

39 65.3 52.7 79.1

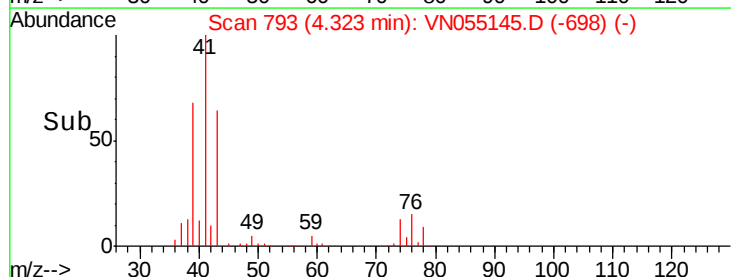
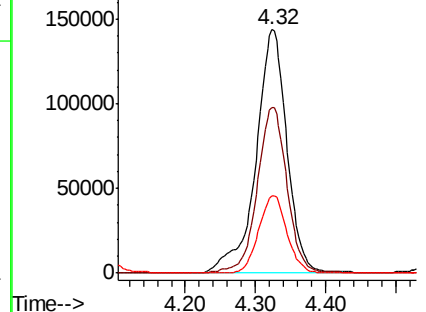
76 28.9 23.2 34.8

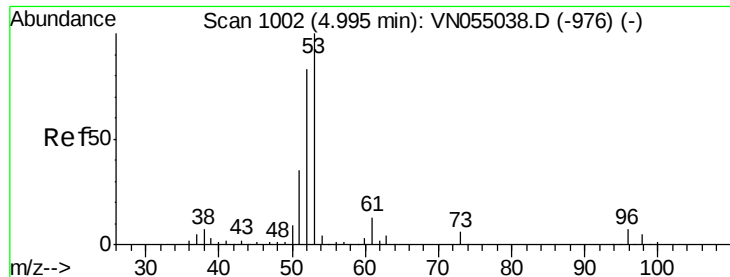


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

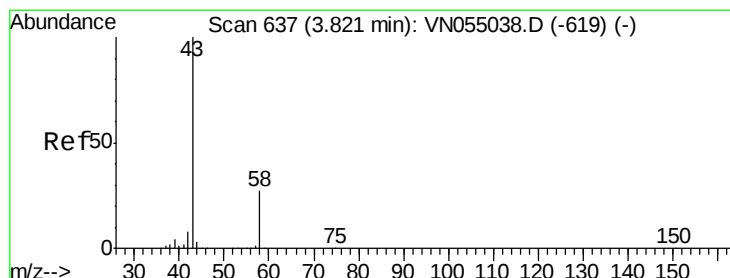
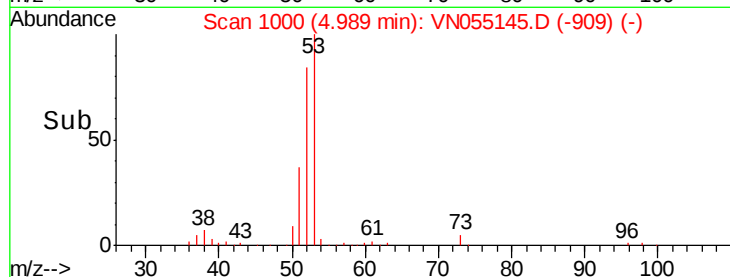
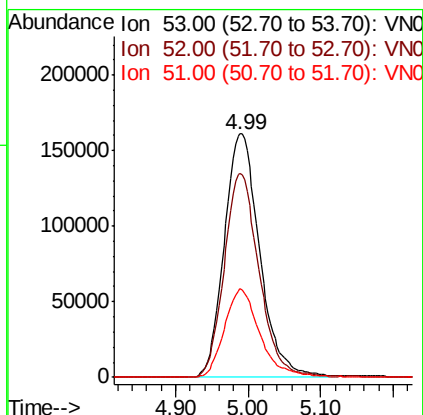
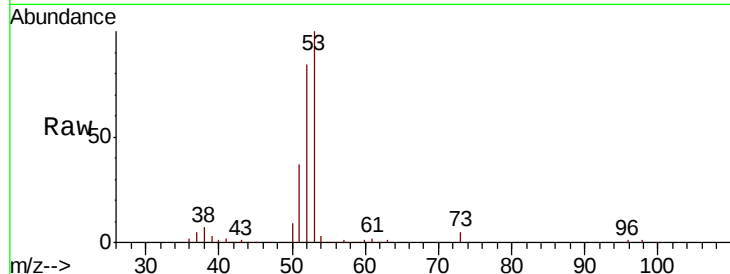




#15
 Acrylonitrile
 Concen: 283.676 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

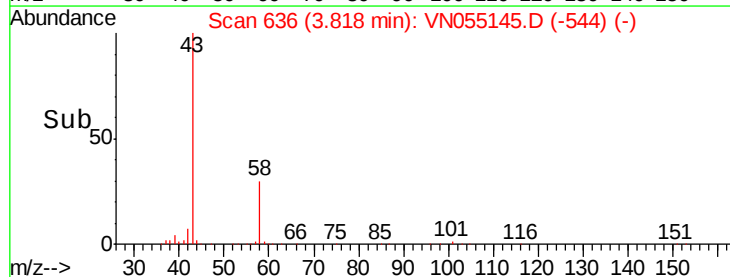
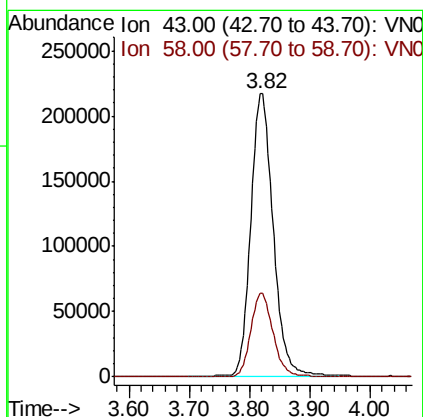
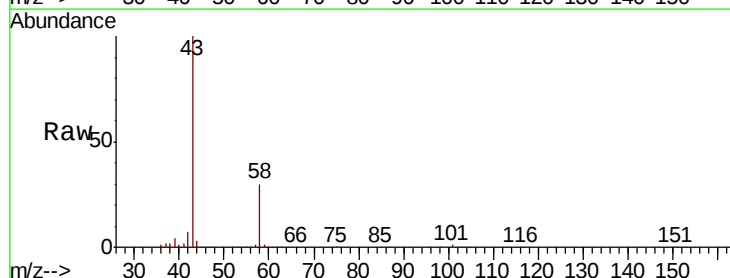
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

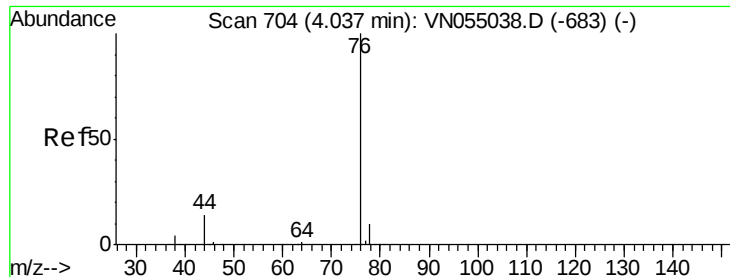
Tot Ion	53	Resp	547897
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.9	98.9
51	36.4	29.7	44.5



#16
 Acetone
 Concen: 356.677 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	43	Resp	570141
Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.9	31.3

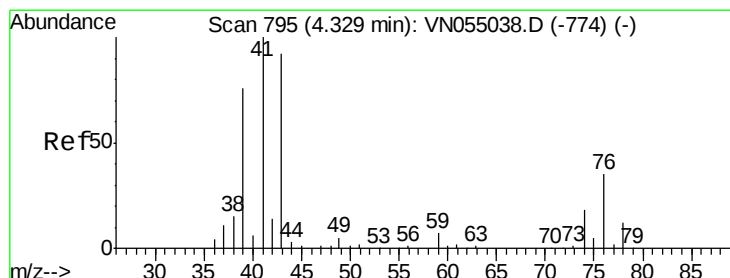
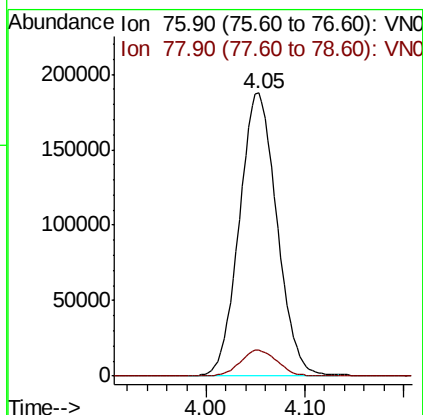
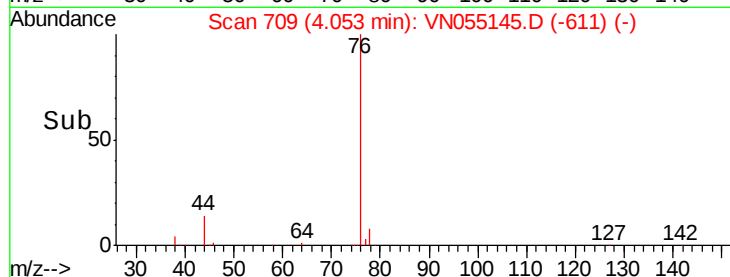
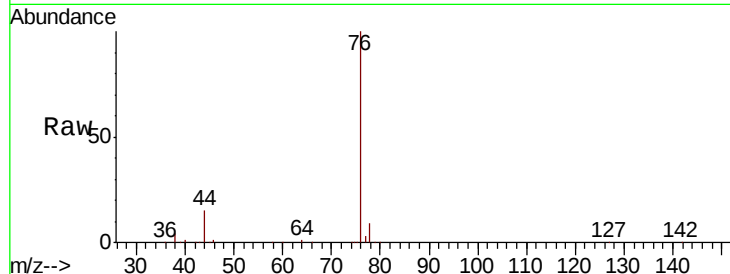




#17
Carbon Disulfide
Concen: 43.707 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.02 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

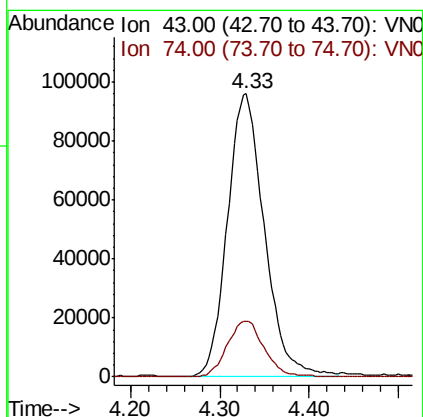
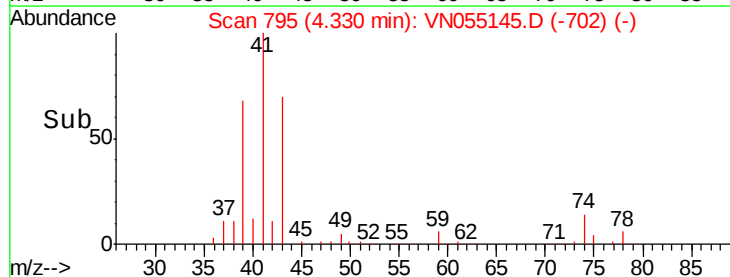
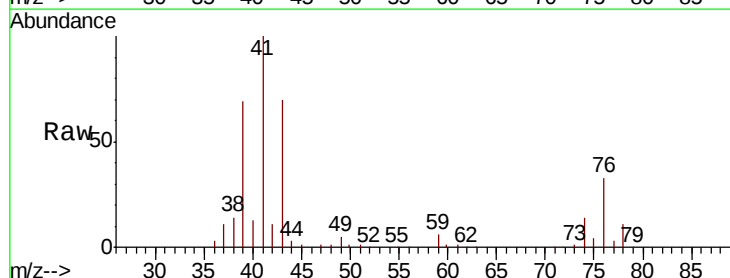
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

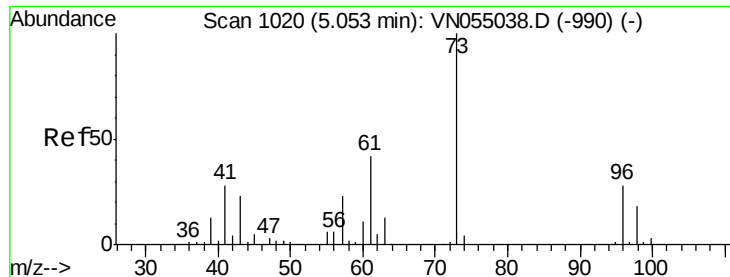
Tot Ion: 76 Resp: 496153
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 59.505 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 43 Resp: 273760
Ion Ratio Lower Upper
43 100
74 19.8 16.1 24.1

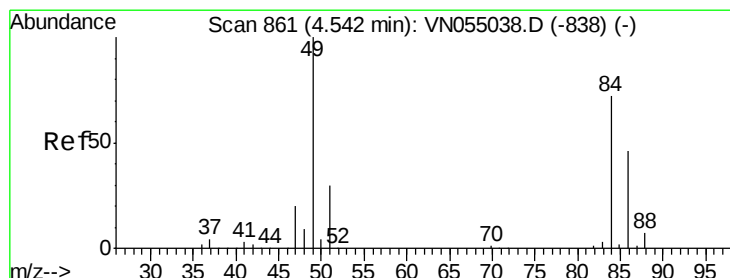
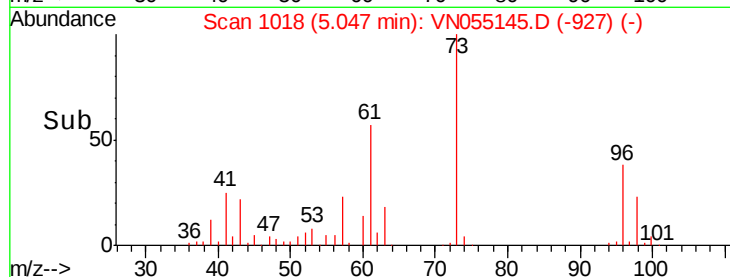
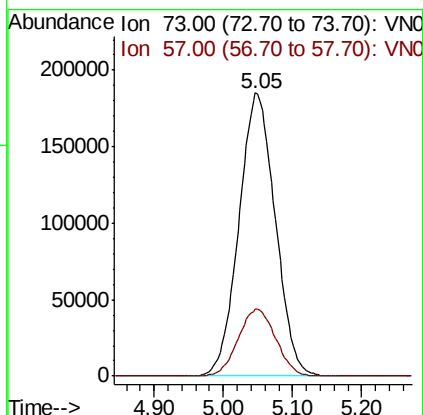
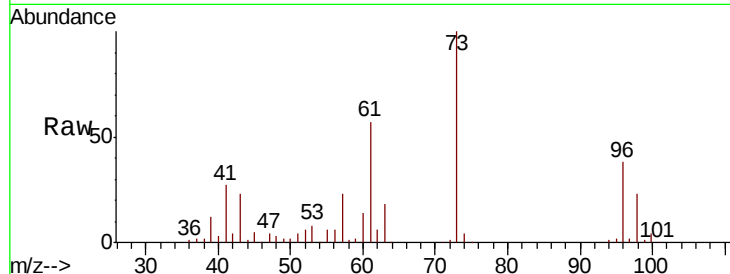




#19
Methyl tert-butyl Ether
Concen: 53.598 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

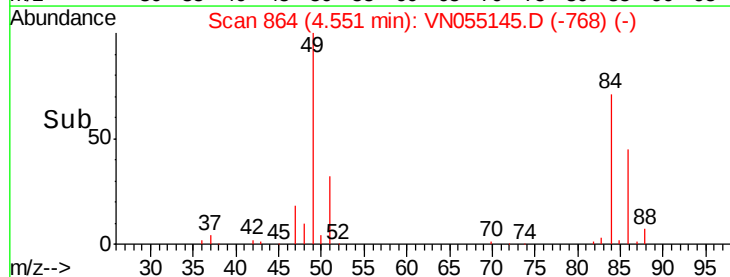
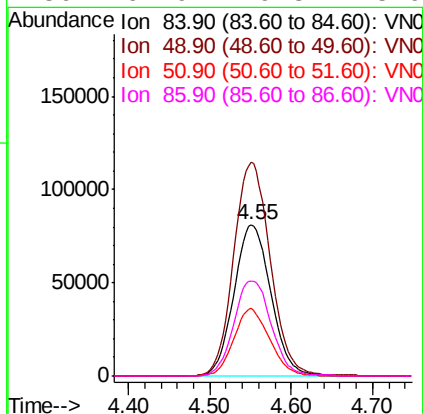
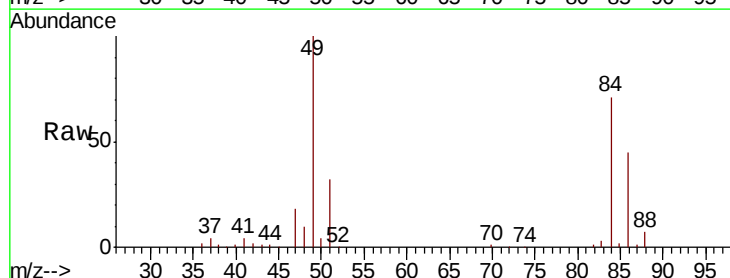
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

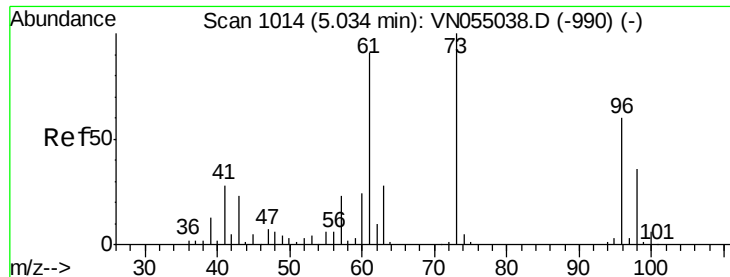
Tot Ion: 73 Resp: 674241
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.4



#20
Methylene Chloride
Concen: 45.318 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 84 Resp: 254653
Ion Ratio Lower Upper
84 100
49 141.2 109.4 164.2
51 44.6 32.2 48.4
86 62.9 49.3 73.9

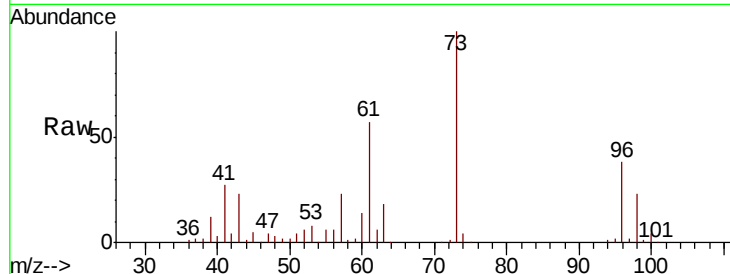




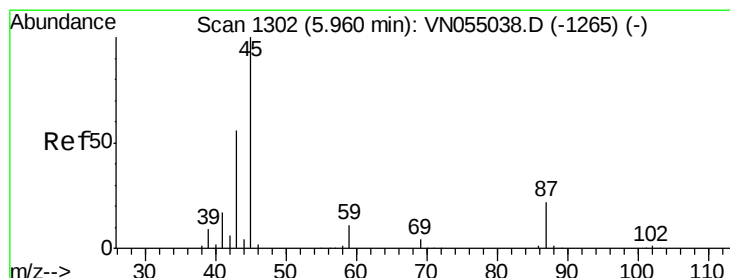
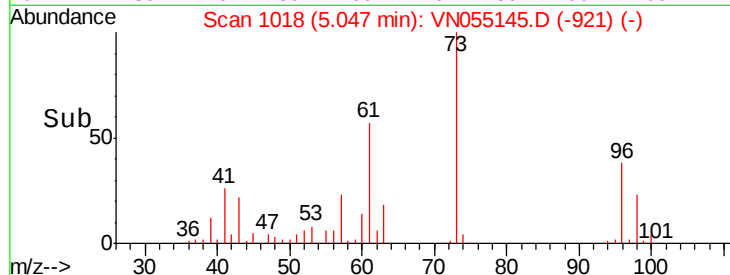
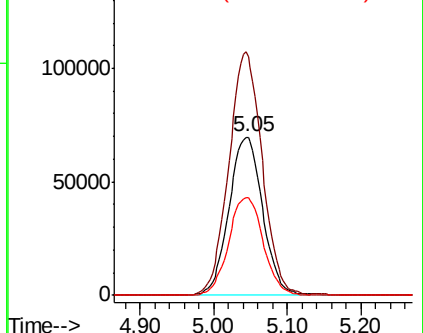
#21
trans-1,2-Dichloroethene
Concen: 46.805 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 222611
Ion Ratio Lower Upper
96 100
61 151.1 114.9 172.3
98 61.9 48.4 72.6

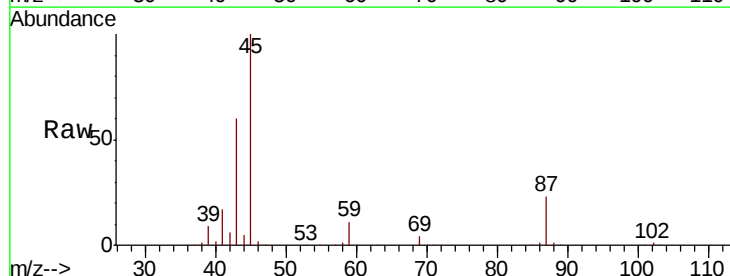


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

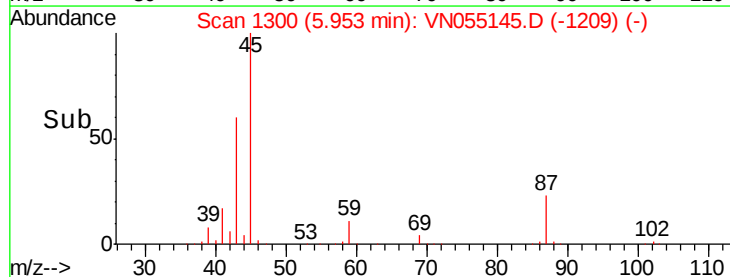
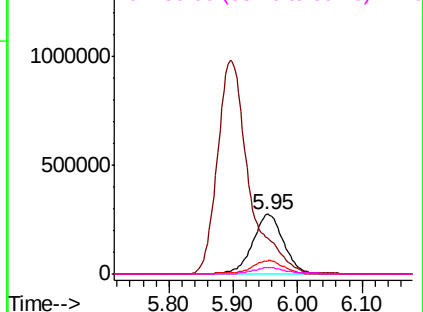


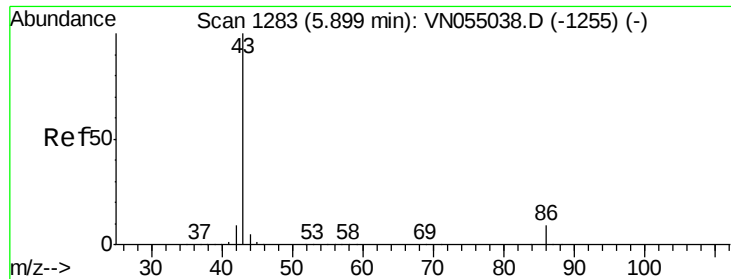
#22
Diisopropyl ether
Concen: 52.095 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 45 Resp: 921832
Ion Ratio Lower Upper
45 100
43 59.8 44.8 67.2
87 22.5 18.9 28.3
59 10.7 7.9 11.9



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: 286.947 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampled :

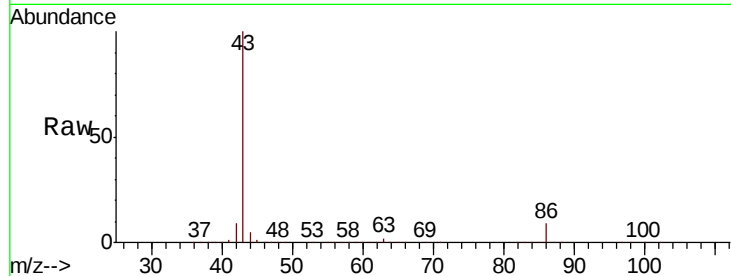
VSTDCCC050

Tot Ion: 43 Resp: 3356222

Ion Ratio Lower Upper

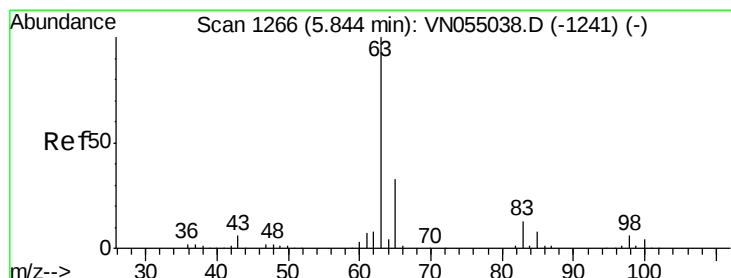
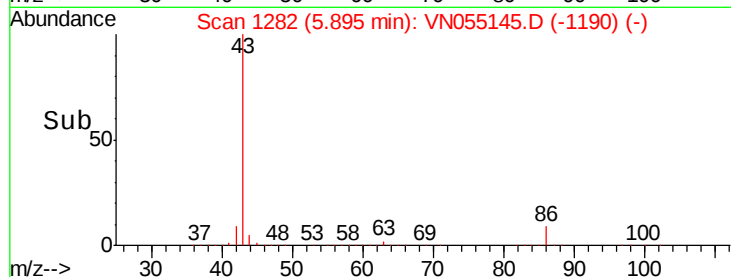
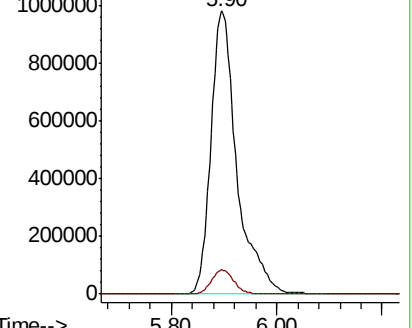
43 100

86 8.6 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055038.D (-1255) (-)



#24

1,1-Dichloroethane

Concen: 49.551 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

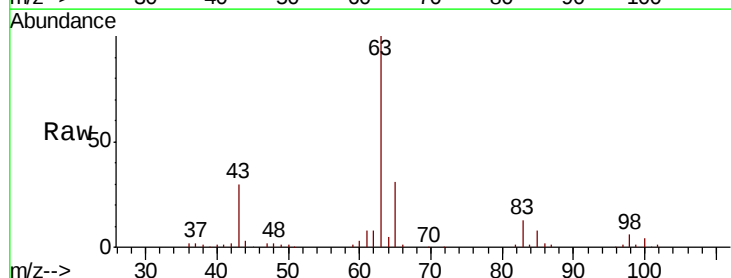
Tgt Ion: 63 Resp: 466924

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

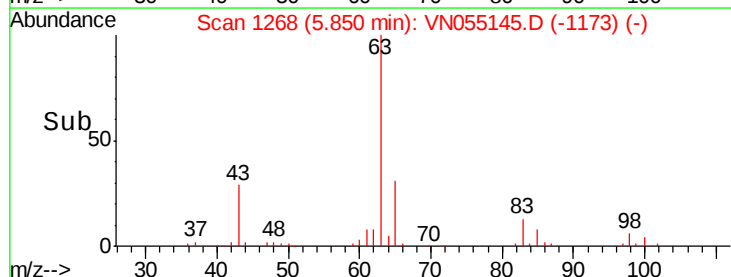
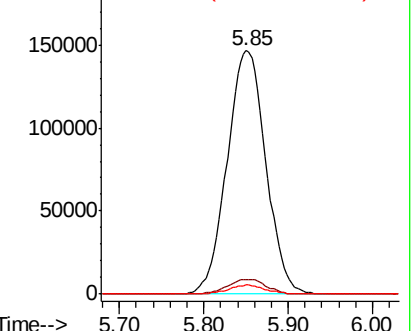
100 3.7 2.0 5.8

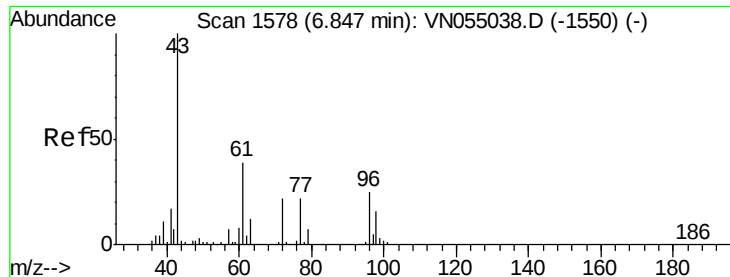


Abundance Ion 62.90 (62.60 to 63.60): VN055038.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055038.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055038.D (-1241) (-)





#25

2-Butanone

Concen: 315.301 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

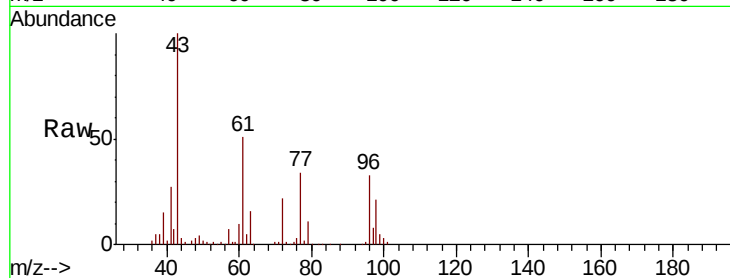
VSTDCCC050

Tot Ion: 43 Resp: 752218

Ion Ratio Lower Upper

43 100

72 22.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1550) (-)

Ion 72.00 (71.70 to 72.70): VN055038.D (-1550) (-)

6.84

250000

200000

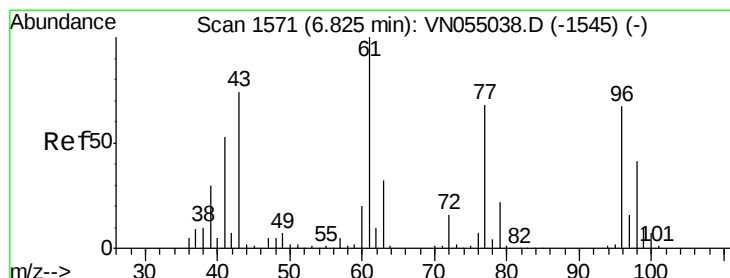
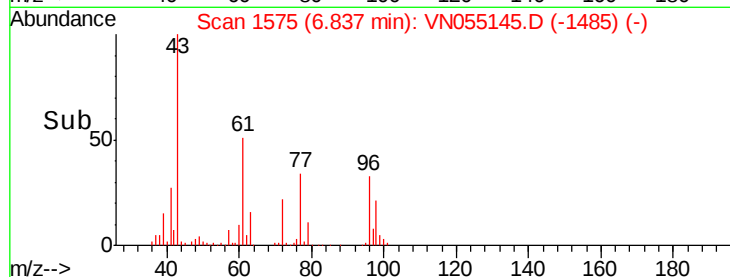
150000

100000

50000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 56.711 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN055145.D

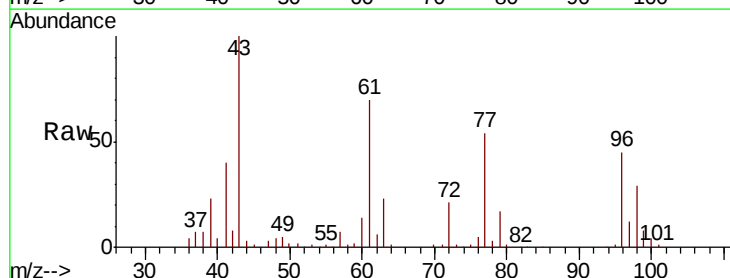
Acq: 19 Apr 2019 17:42

Tgt Ion: 77 Resp: 337285

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VN055038.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN055038.D (-1545) (-)

6.82

120000

100000

80000

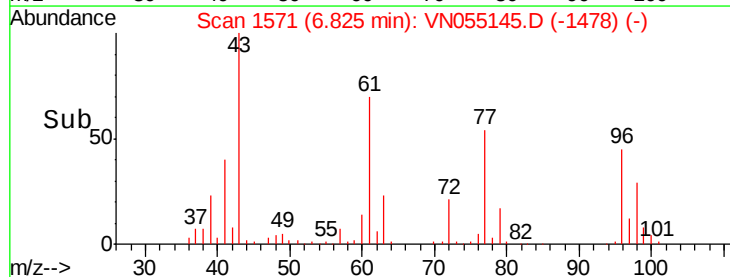
60000

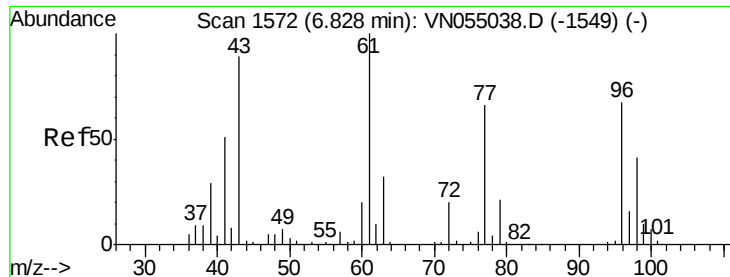
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 49.887 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

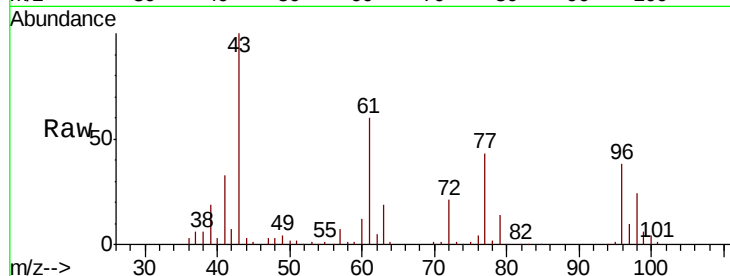
Tot Ion: 96 Resp: 268436

Ion Ratio Lower Upper

96 100

61 156.6 0.0 311.0

98 64.7 0.0 127.4

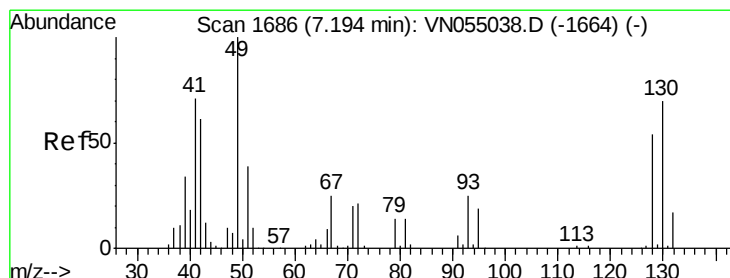
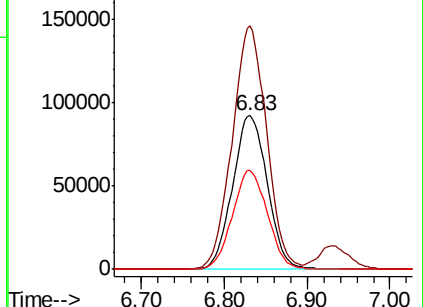
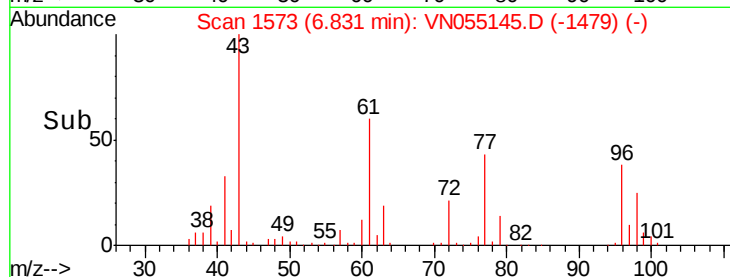


Abundance Ion 95.90 (95.60 to 96.60): VN055038.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN055038.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN055038.D (-1549) (-)

Time-->



#28

Bromochloromethane

Concen: 50.734 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

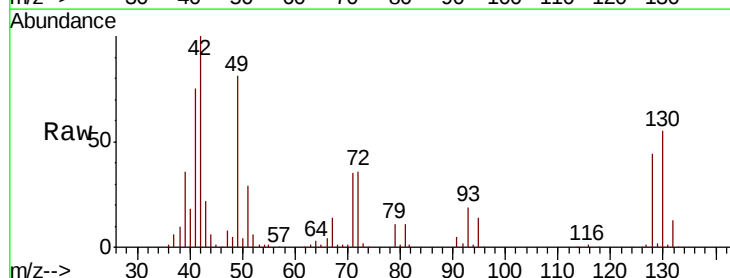
Tgt Ion: 49 Resp: 230455

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.0#

130 67.3 53.4 80.2

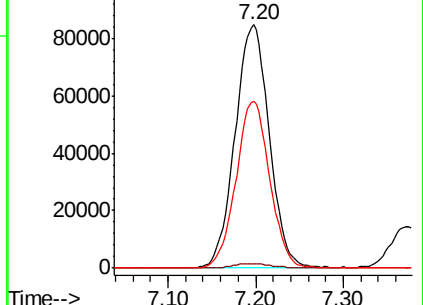
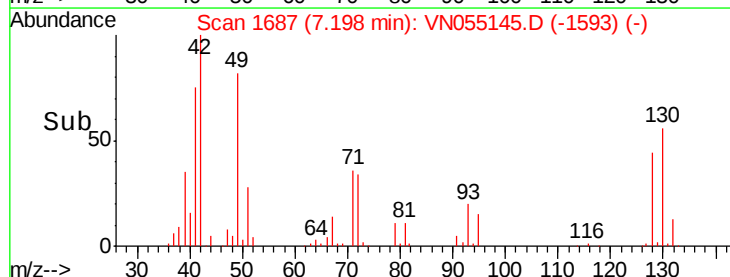


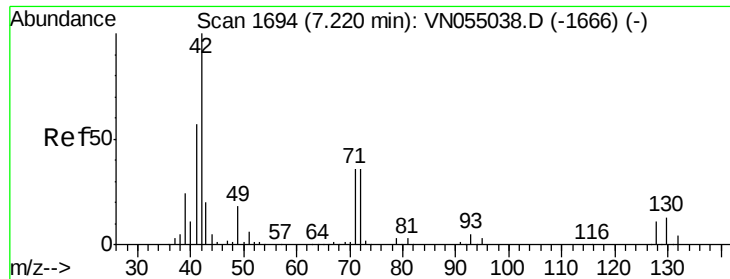
Abundance Ion 48.90 (48.60 to 49.60): VN055038.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN055038.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN055038.D (-1664) (-)

Time-->





#29

Tetrahydrofuran

Concen: 293.471 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

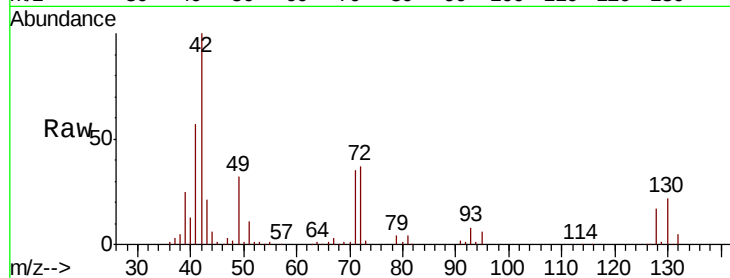
Tot Ion: 42 Resp: 459128

Ion Ratio Lower Upper

42 100

72 36.2 29.4 44.0

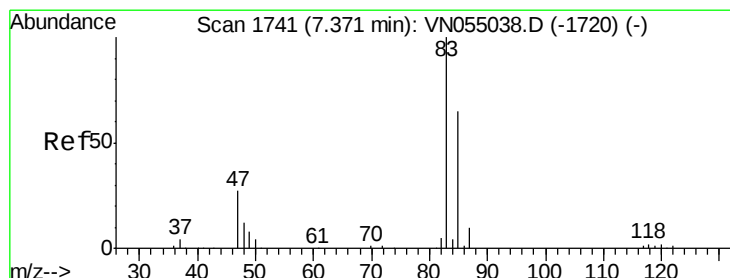
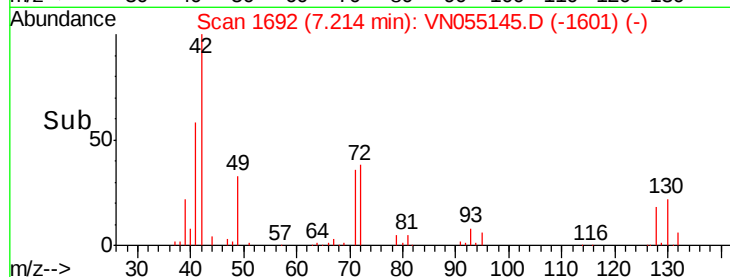
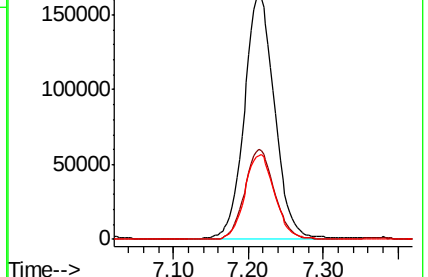
71 34.3 27.8 41.6



Abundance Ion 42.00 (41.70 to 42.70): VN055038.D (-1666) (-)

Ion 72.00 (71.70 to 72.70): VN055038.D (-1666) (-)

Ion 71.00 (70.70 to 71.70): VN055038.D (-1666) (-)



#30

Chloroform

Concen: 49.137 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055145.D

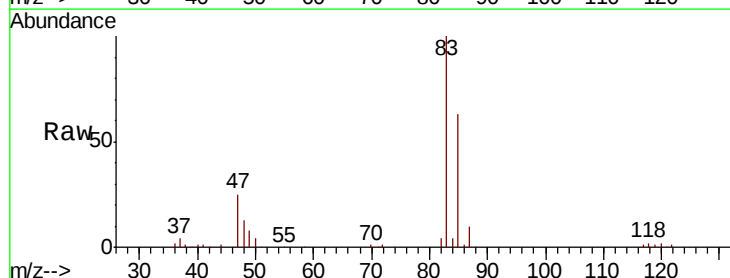
Acq: 19 Apr 2019 17:42

Tgt Ion: 83 Resp: 449760

Ion Ratio Lower Upper

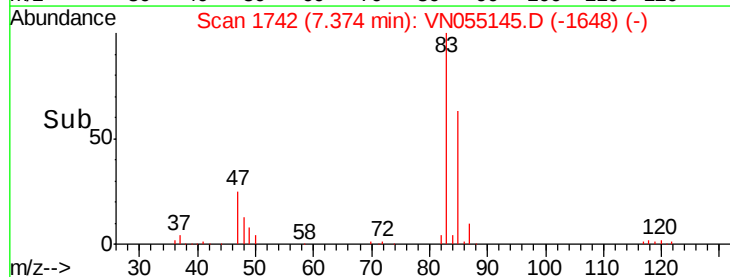
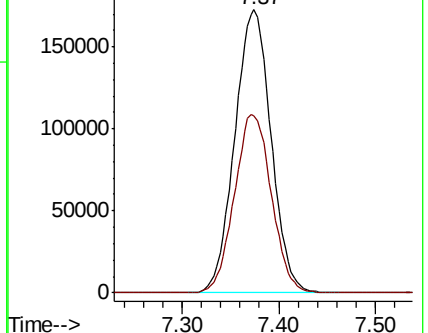
83 100

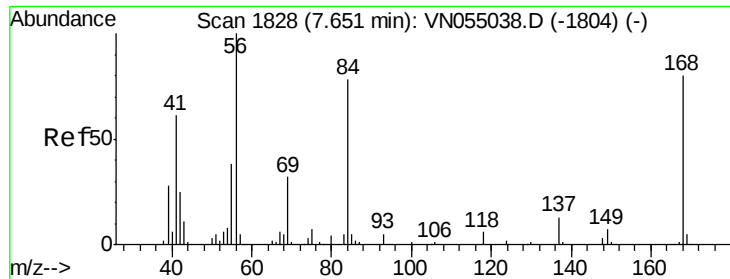
85 62.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN055038.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055038.D (-1720) (-)

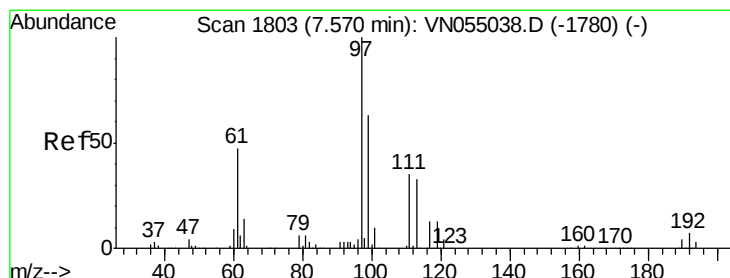
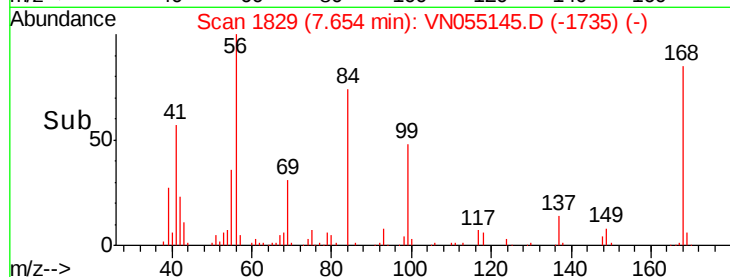
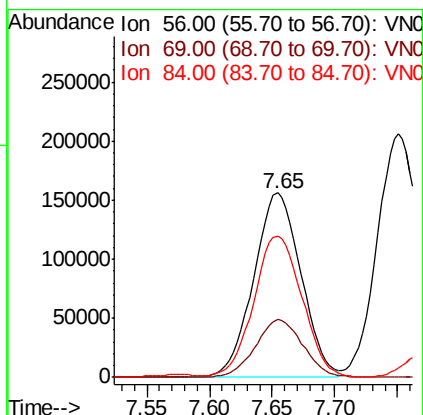
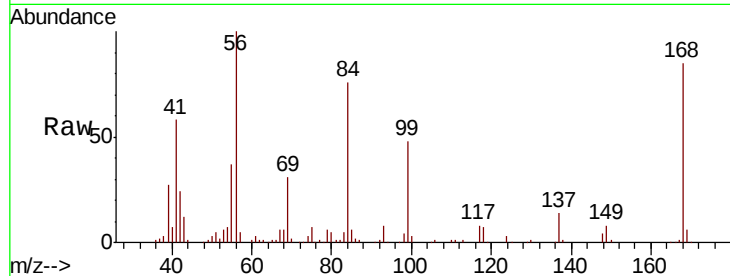




#31
Cyclohexane
Concen: 49.248 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

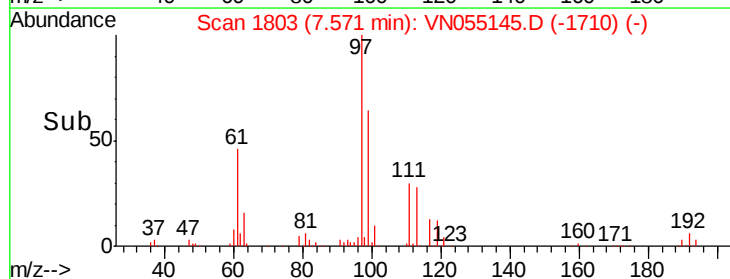
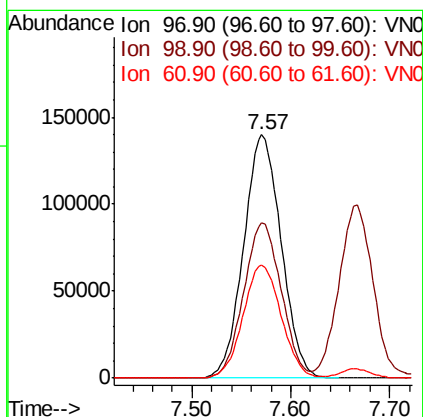
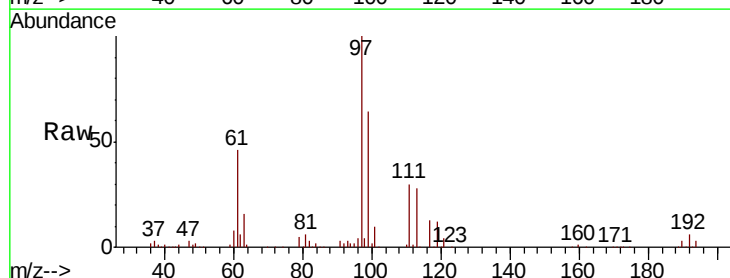
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

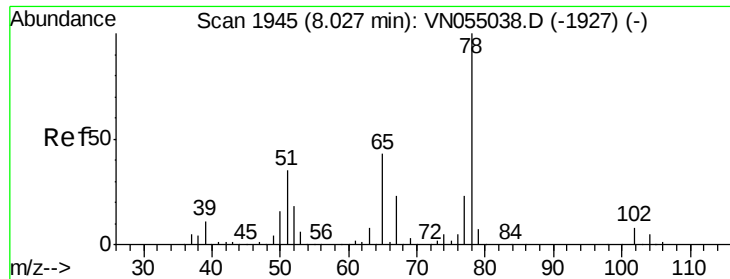
Tot Ion: 56 Resp: 410444
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 74.8 62.9 94.3



#32
1,1,1-Trichloroethane
Concen: 50.816 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 97 Resp: 368507
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 47.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

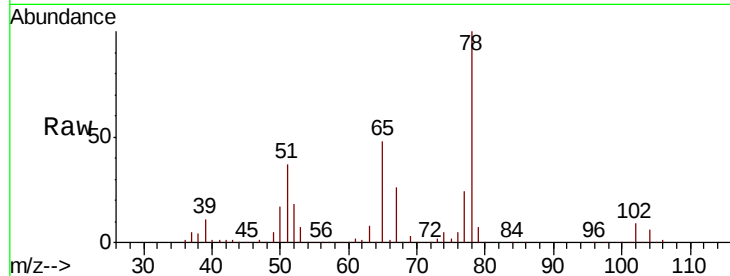
VSTDCCC050

Tot Ion: 65 Resp: 288498

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

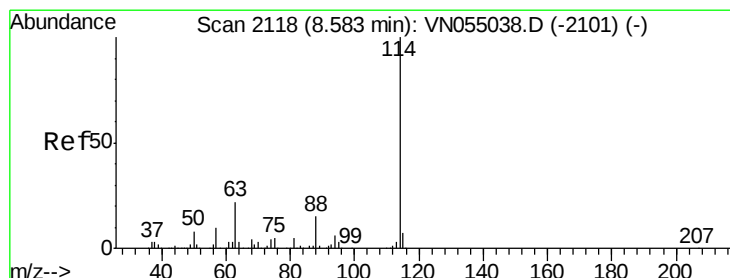
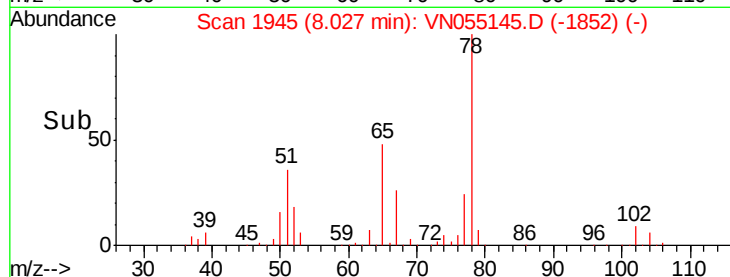
100000

50000

0

Time-->

7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

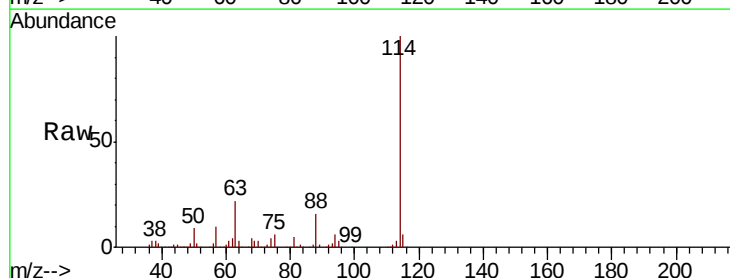
Tgt Ion: 114 Resp: 697787

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

88 15.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

400000

300000

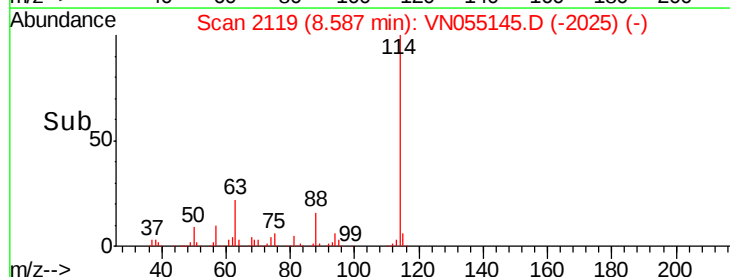
200000

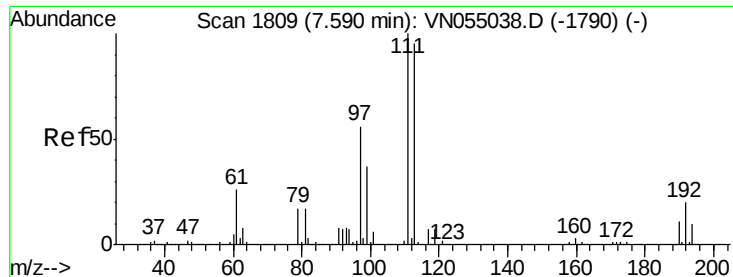
100000

0

Time-->

8.50 8.60 8.70 8.80

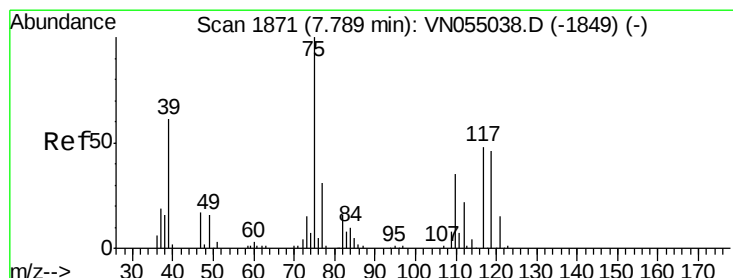
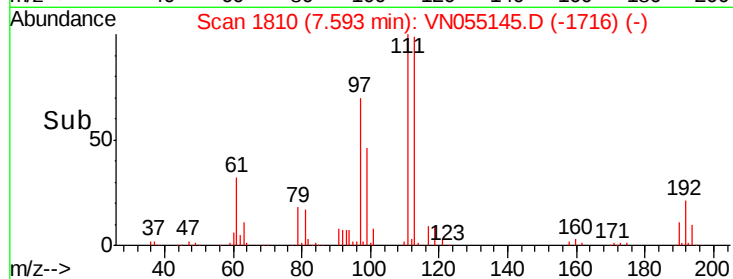
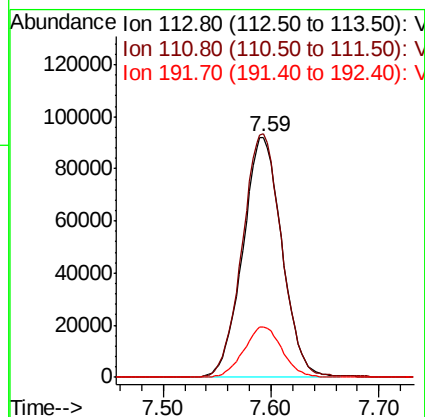
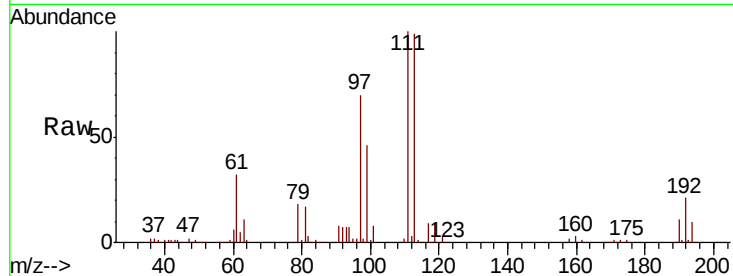




#35
 Dibromofluoromethane
 Concen: 49.684 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

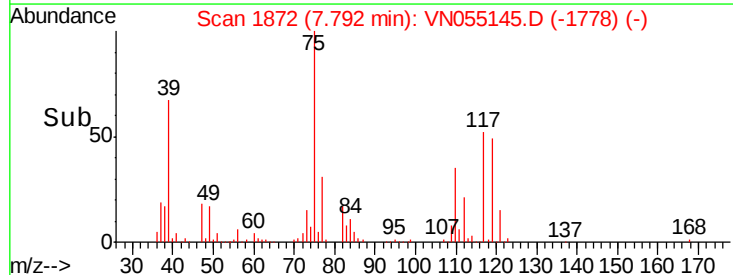
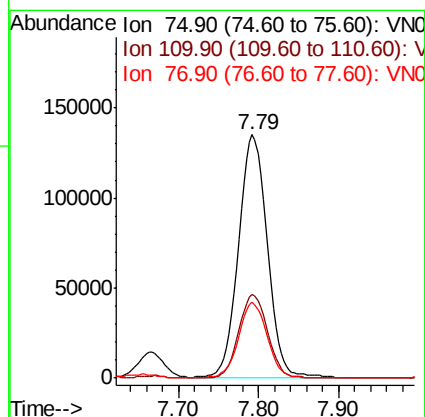
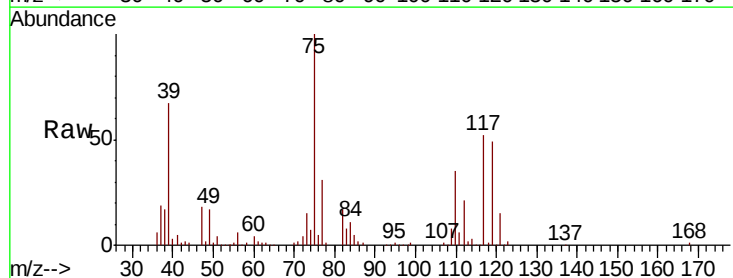
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

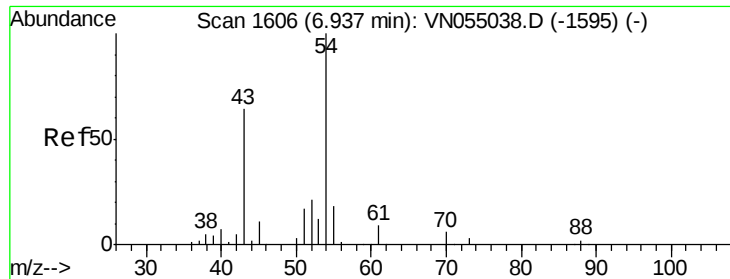
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	20.6	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 49.687 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.5	52.5
77	31.3	24.9	37.3

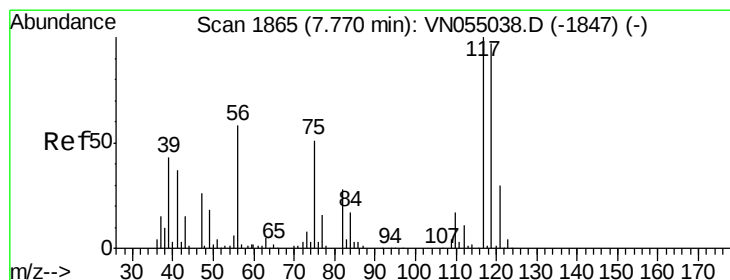
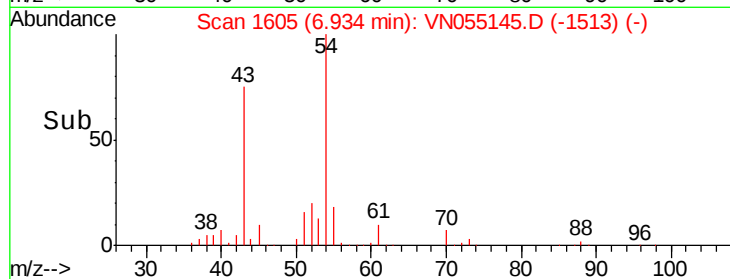
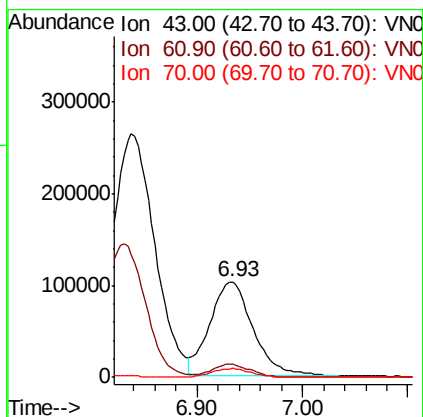
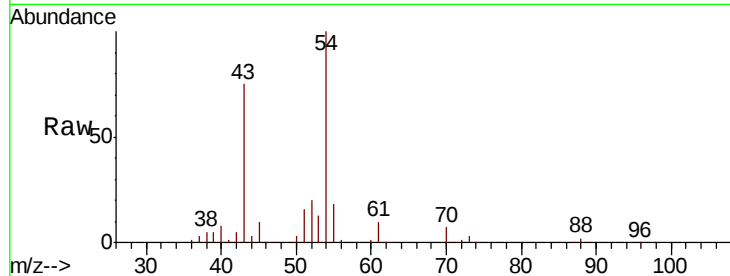




#37
Ethyl Acetate
Concen: 54.794 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

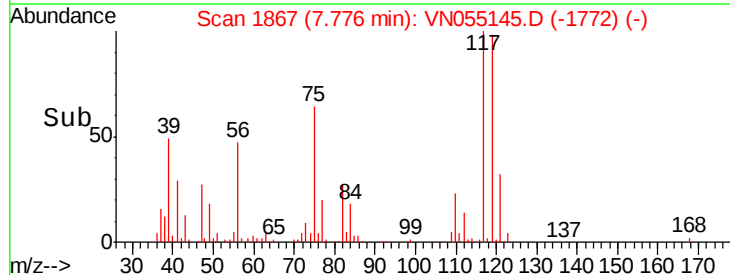
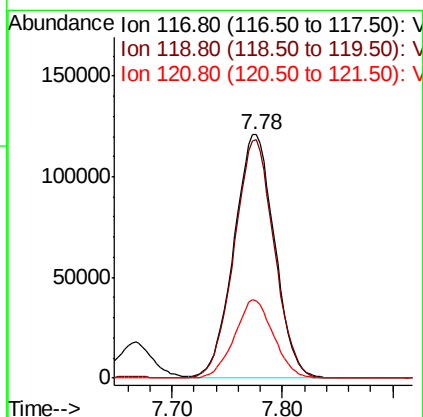
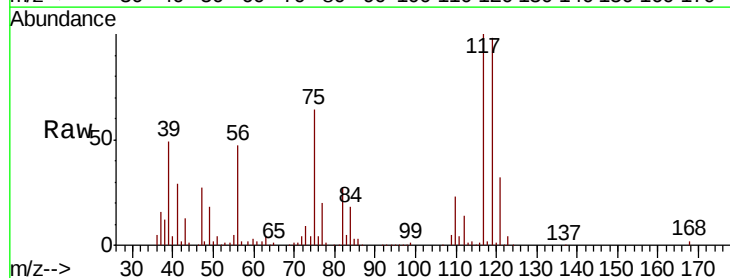
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

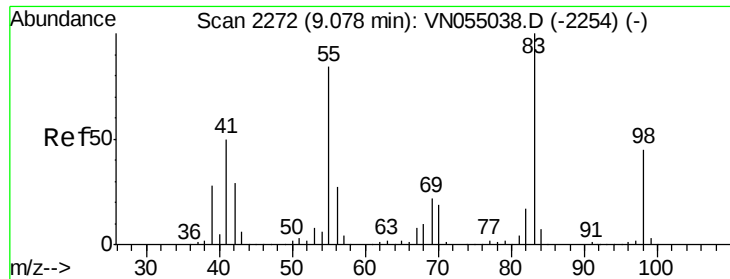
Tot Ion: 43 Resp: 293433
Ion Ratio Lower Upper
43 100
61 12.6 10.0 15.0
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.135 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 117 Resp: 307501
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5
121 31.8 23.9 35.9

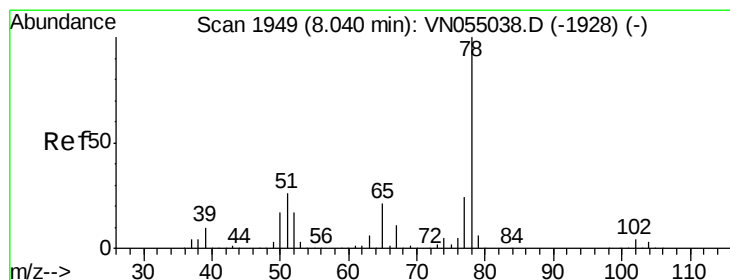
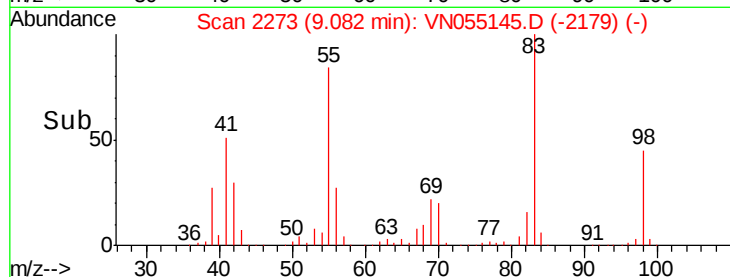
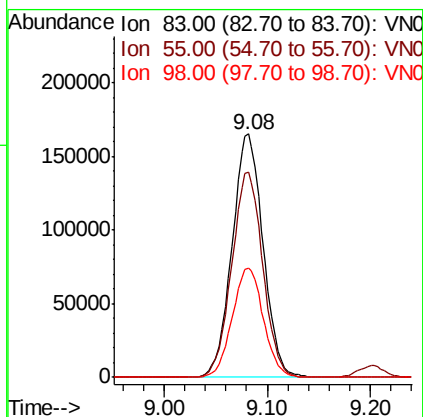
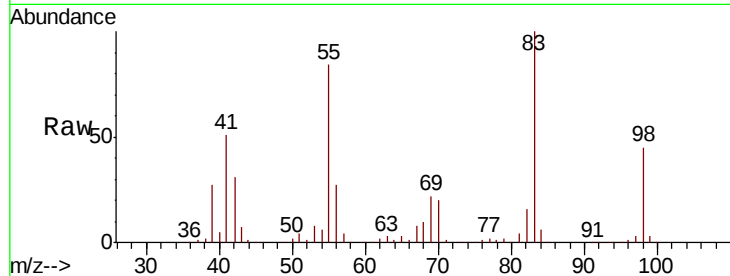




#39
Methvlcvclohexane
Concen: 48.510 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

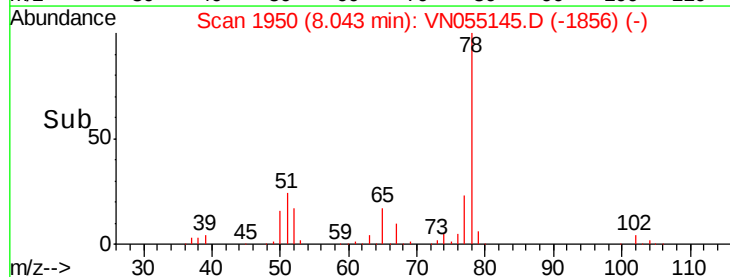
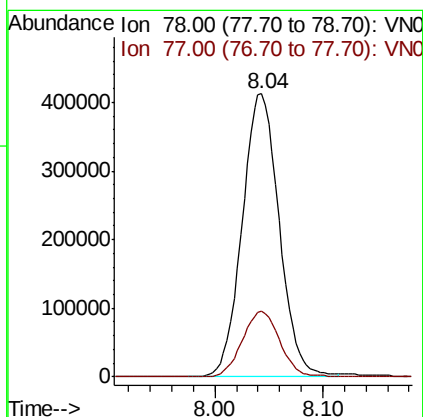
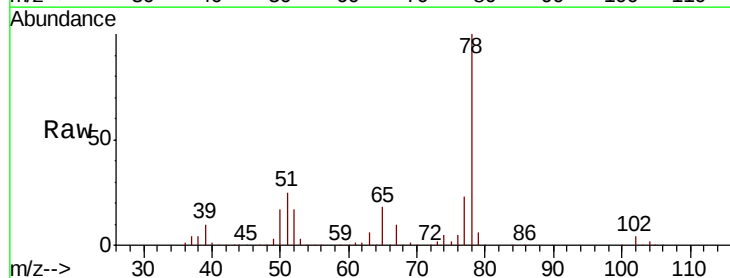
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

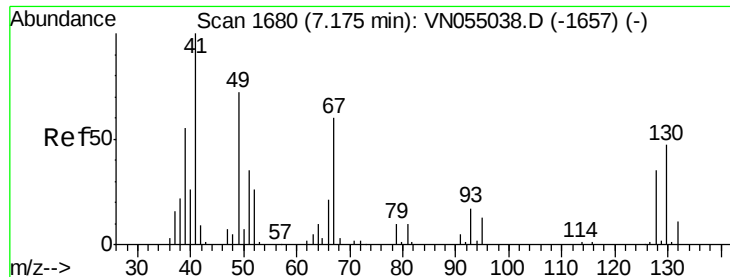
Tot Ion: 83 Resp: 345778
Ion Ratio Lower Upper
83 100
55 84.4 67.0 100.4
98 45.0 35.6 53.4



#40
Benzene
Concen: 49.692 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 78 Resp: 985148
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

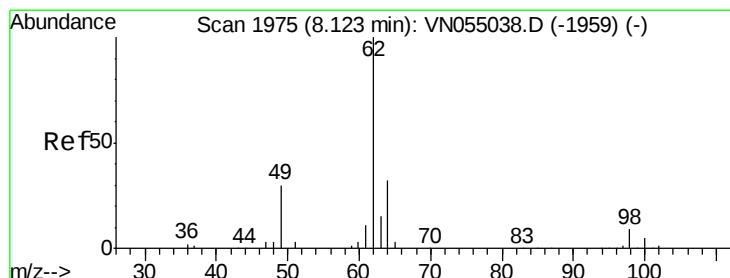
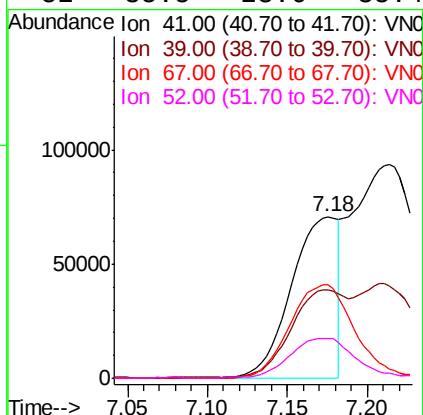
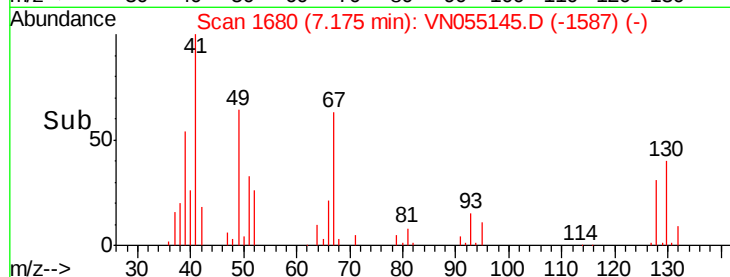
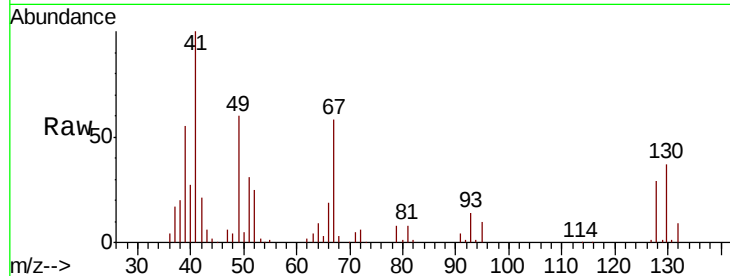




#41
Methacrylonitrile
Concen: 48.561 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

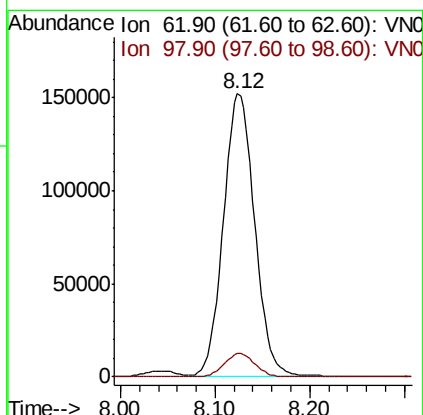
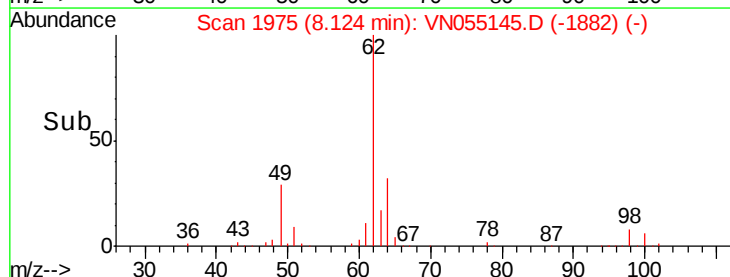
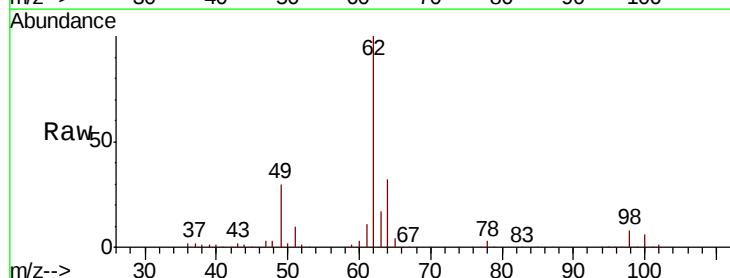
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

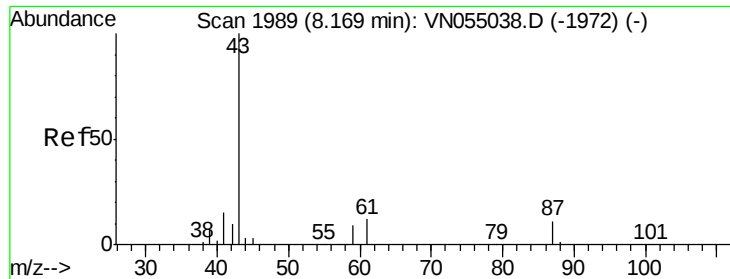
Tot Ion: 41 Resp: 144355
Ion Ratio Lower Upper
41 100
39 63.4 45.6 68.4
67 80.1 57.0 85.6
52 35.5 23.6 35.4#



#42
1,2-Dichloroethane
Concen: 50.709 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 62 Resp: 349037
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43

Isopropyl Acetate

Concen: 59.937 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

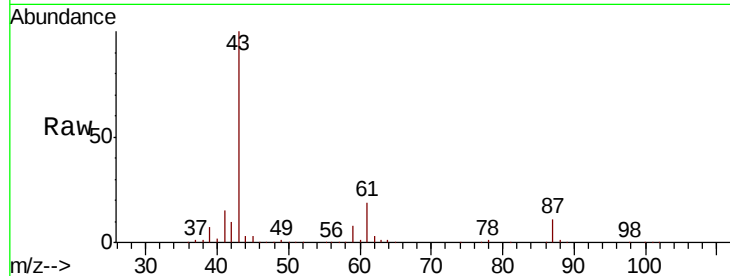
Tot Ion: 43 Resp: 494583

Ion Ratio Lower Upper

43 100

61 25.8 14.3 21.5#

87 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)

8.17

250000

200000

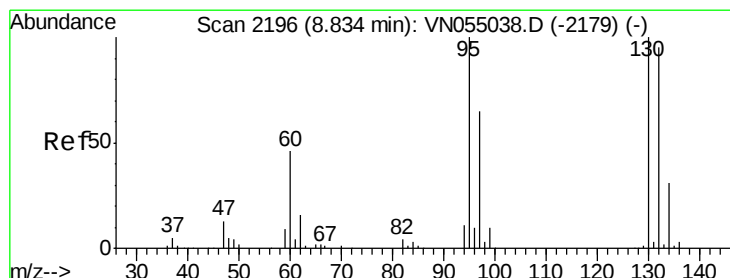
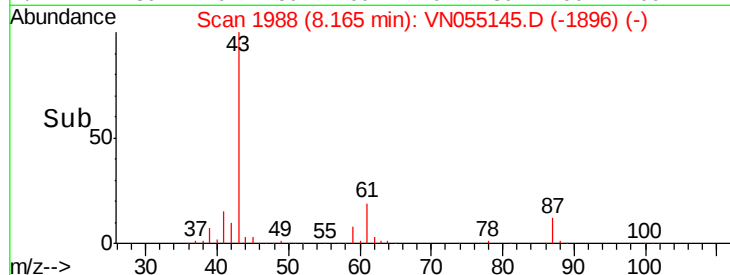
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 50.915 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055145.D

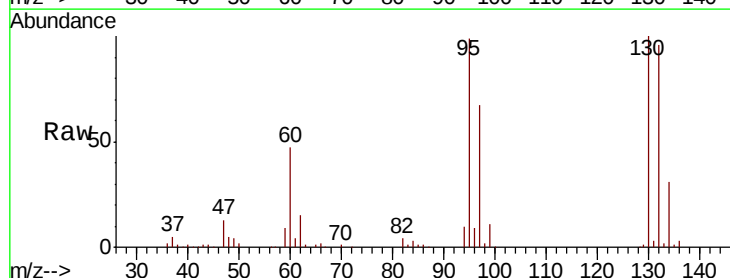
Acq: 19 Apr 2019 17:42

Tgt Ion:130 Resp: 252827

Ion Ratio Lower Upper

130 100

95 99.1 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)

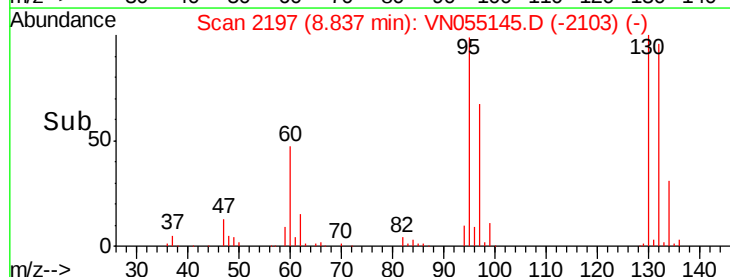
8.84

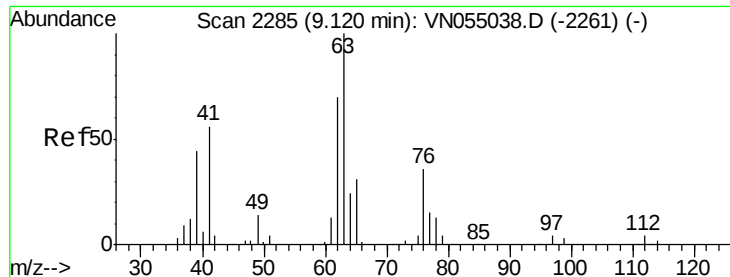
100000

50000

0

Time-->





#45

1,2-Dichloropropane

Concen: 52.057 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

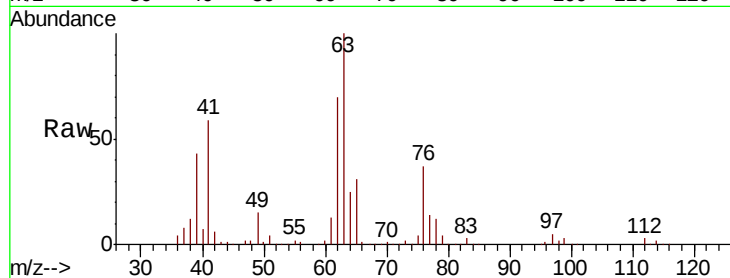
VSTDCCC050

Tot Ion: 63 Resp: 287821

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

150000

100000

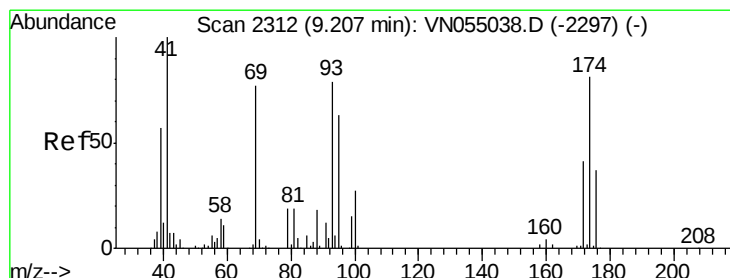
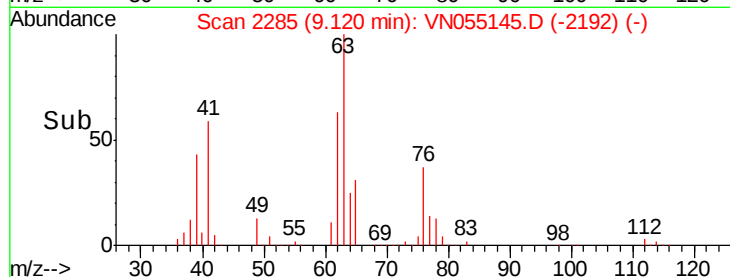
50000

0

9.12

9.10 9.12 9.20

Time-->



#46

Dibromomethane

Concen: 52.260 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

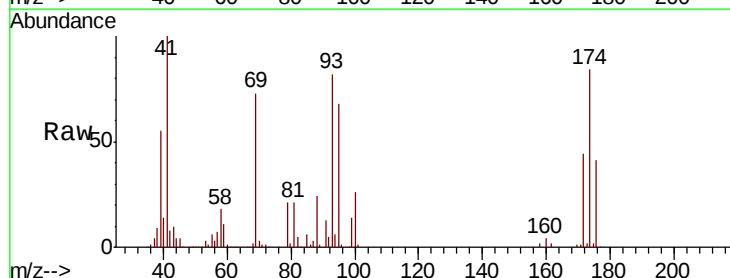
Tgt Ion: 93 Resp: 164463

Ion Ratio Lower Upper

93 100

95 81.1 65.0 97.6

174 101.9 81.0 121.6



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

100000

80000

60000

40000

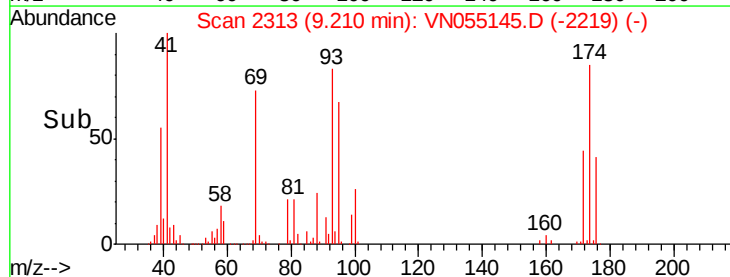
20000

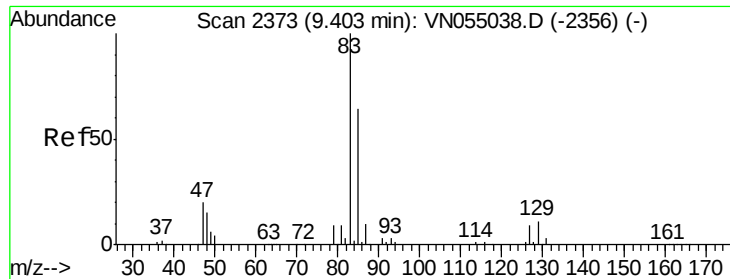
0

9.21

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 53.235 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

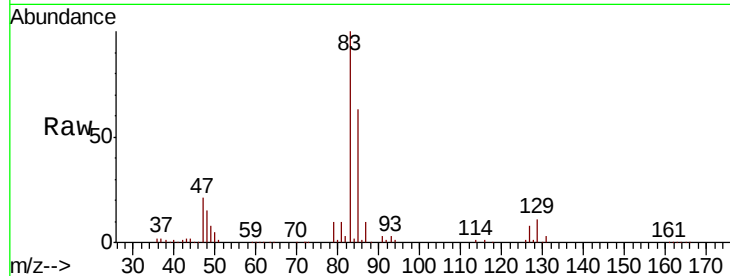
Tot Ion: 83 Resp: 345402

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

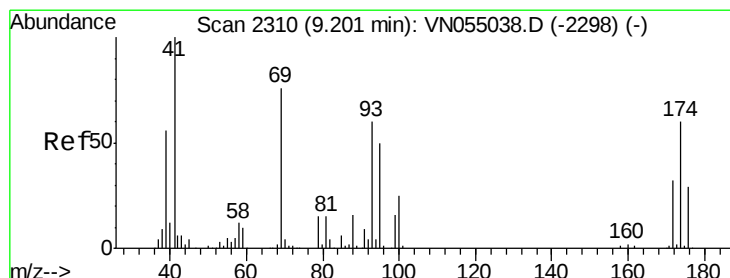
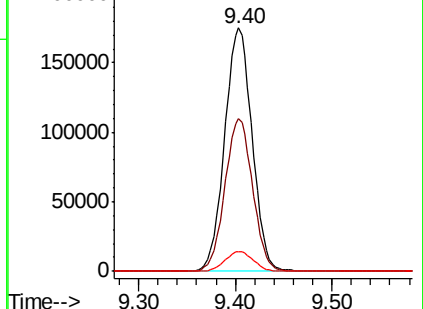
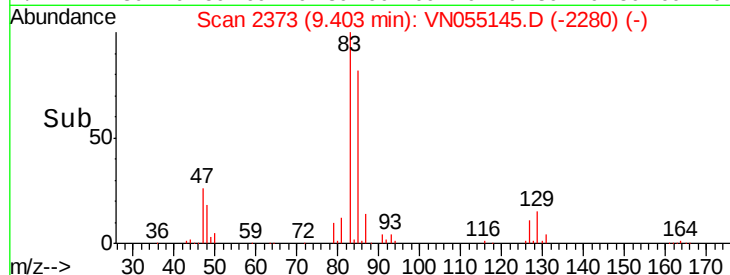
127 8.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055145.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055145.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055145.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.843 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

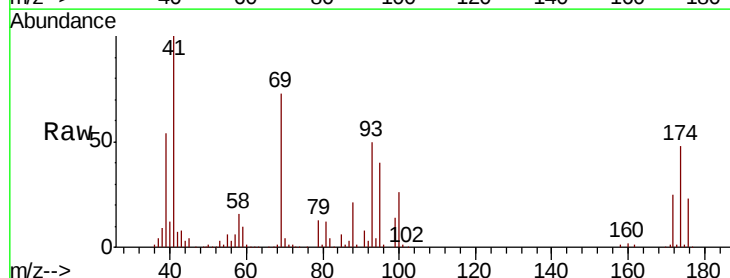
Tgt Ion: 41 Resp: 244756

Ion Ratio Lower Upper

41 100

69 74.8 60.5 90.7

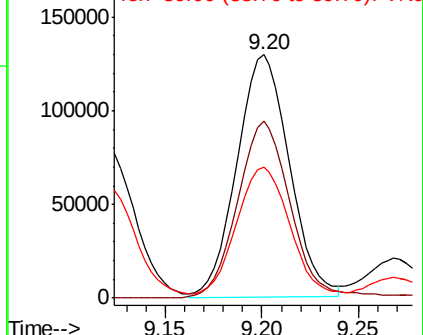
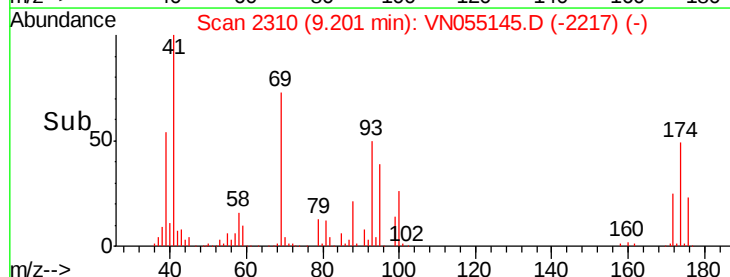
39 55.0 43.9 65.9

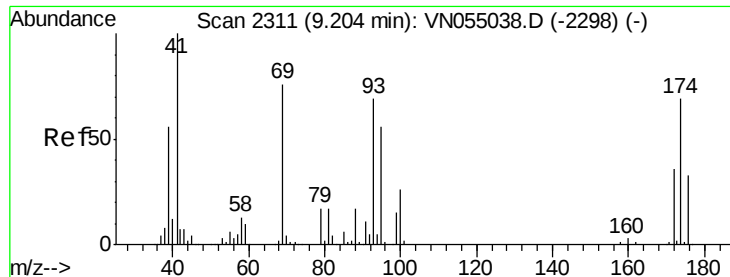


Abundance Ion 41.00 (40.70 to 41.70): VN055145.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055145.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055145.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1545.084 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

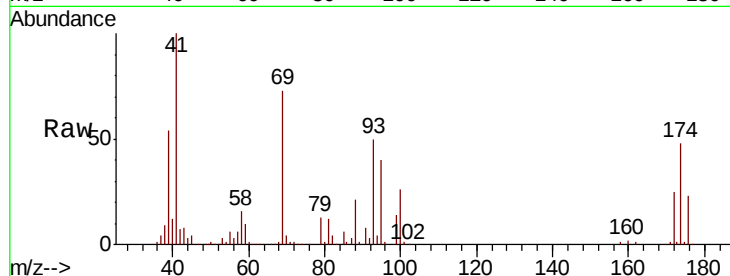
Tot Ion: 88 Resp: 59205

Ion Ratio Lower Upper

88 100

43 37.3 31.8 47.8

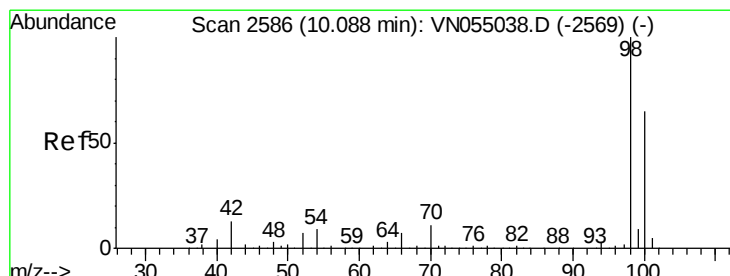
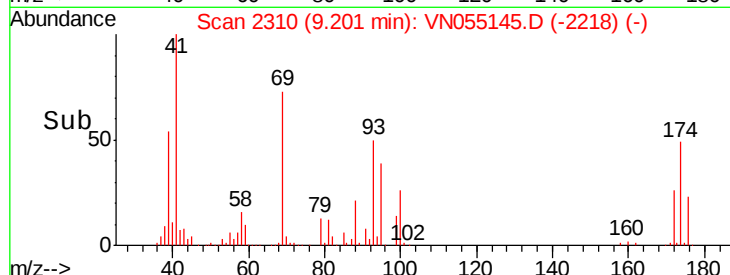
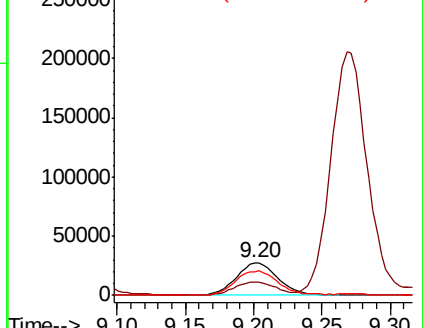
58 75.8 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN055038.D (-2298) (-)

Ion 43.00 (42.70 to 43.70): VN055038.D (-2298) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-2298) (-)



#50

Toluene-d8

Concen: 50.347 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055145.D

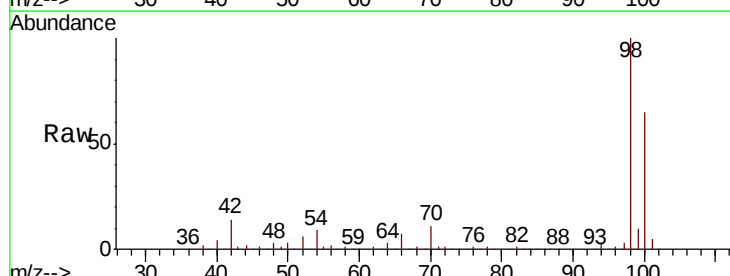
Acq: 19 Apr 2019 17:42

Tgt Ion: 98 Resp: 840312

Ion Ratio Lower Upper

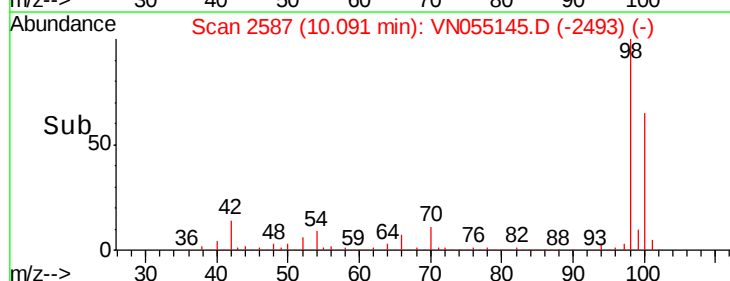
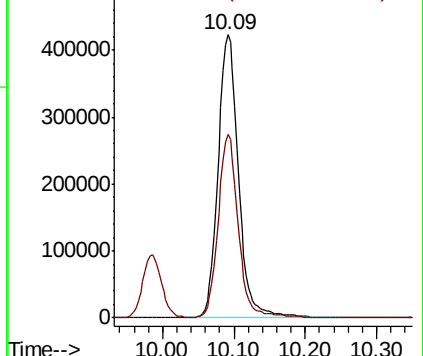
98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

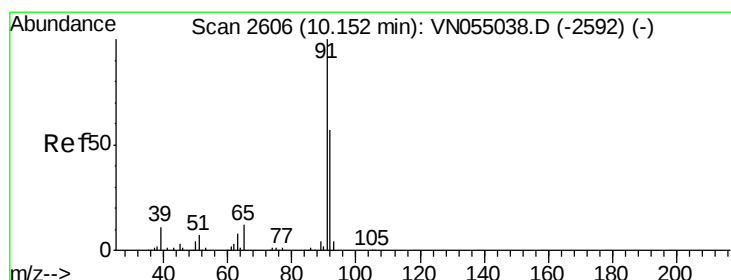
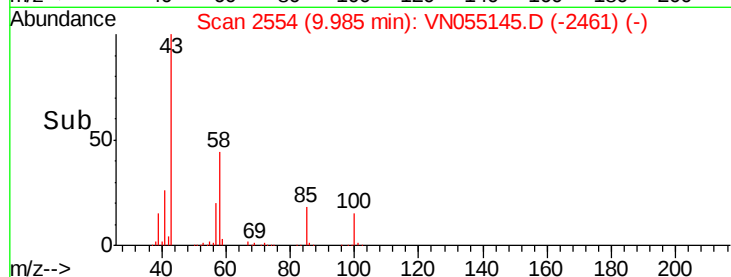
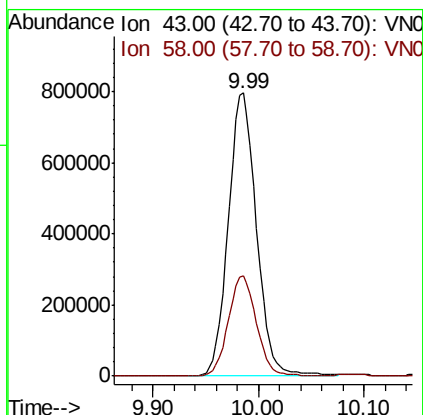
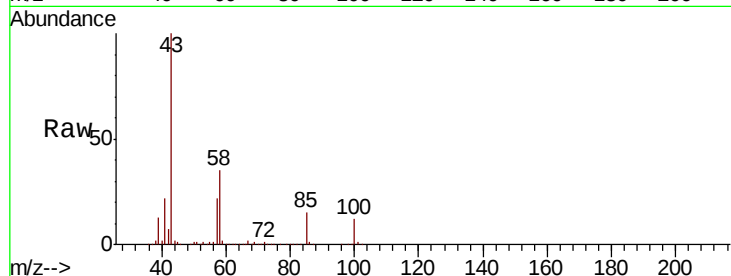




#51
4-Methyl-2-Pentanone
Concen: 308.873 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

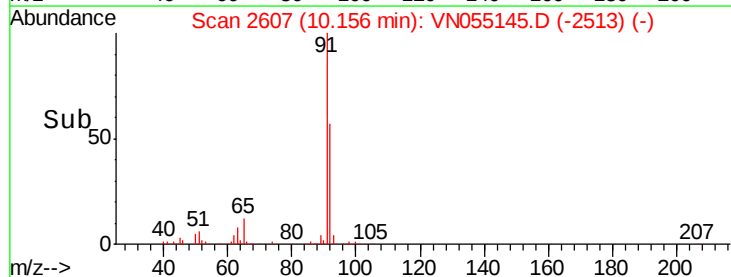
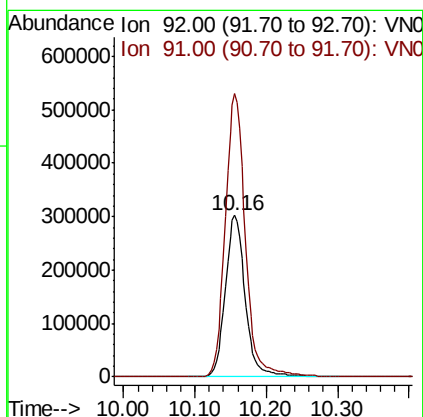
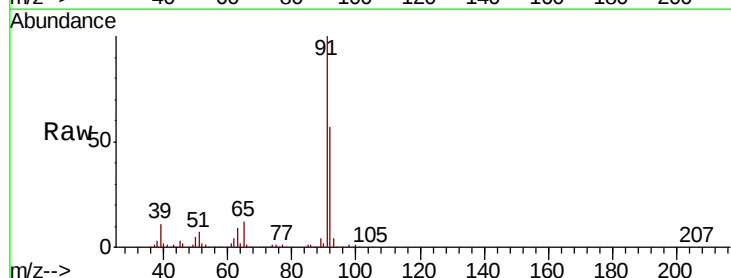
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

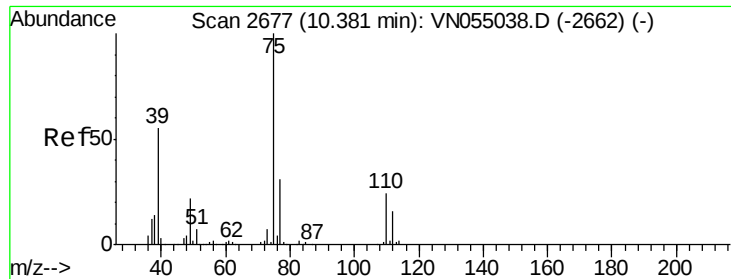
Tot Ion: 43 Resp: 1472453
Ion Ratio Lower Upper
43 100
58 35.4 29.0 43.4



#52
Toluene
Concen: 51.723 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 92 Resp: 587298
Ion Ratio Lower Upper
92 100
91 177.0 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 60.258 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

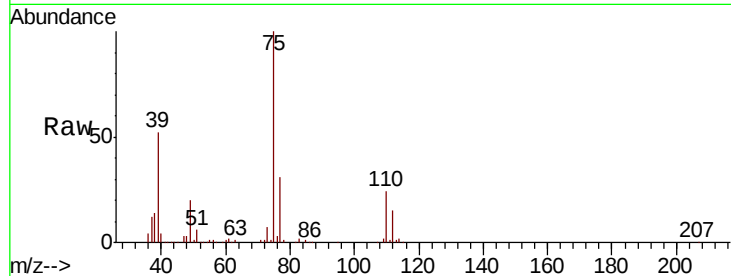
VSTDCCC050

Tot Ion: 75 Resp: 341676

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

200000

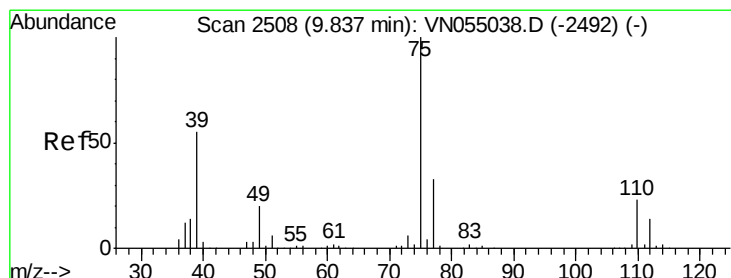
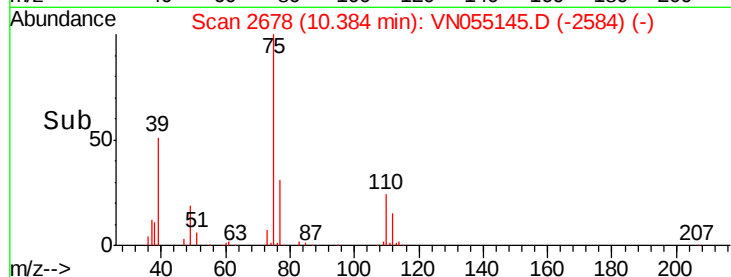
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.997 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

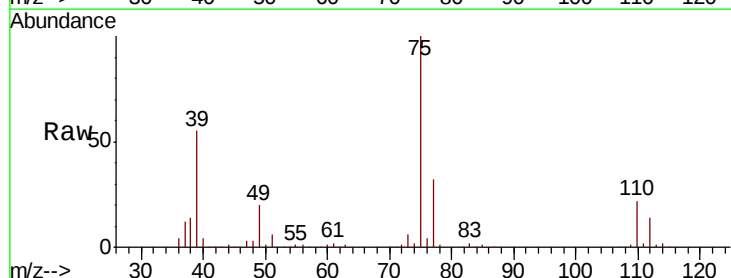
Tgt Ion: 75 Resp: 401112

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

39 54.4 43.8 65.8



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

300000

250000

200000

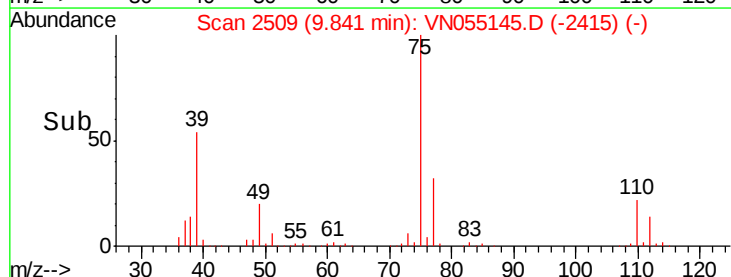
150000

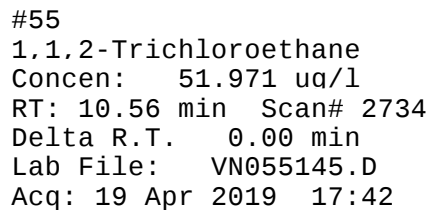
100000

50000

0

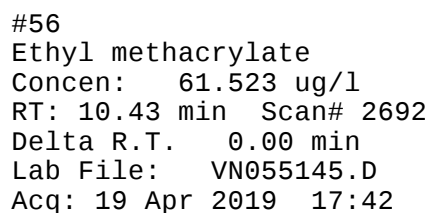
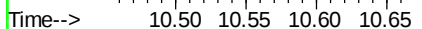
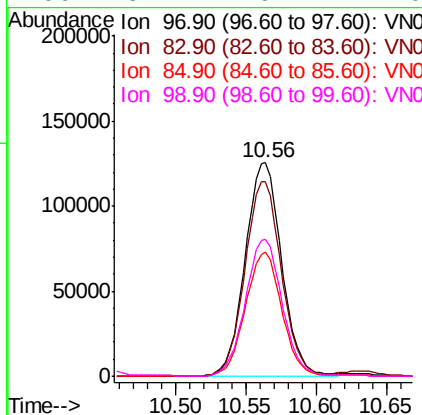
Time-->



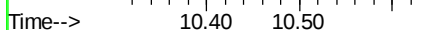
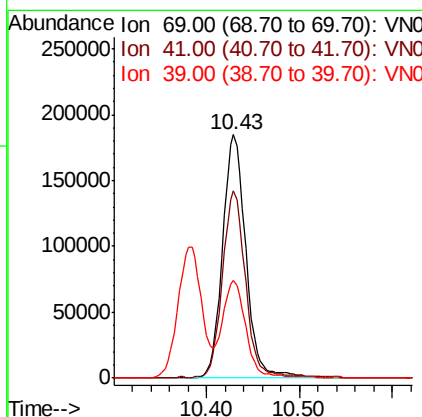


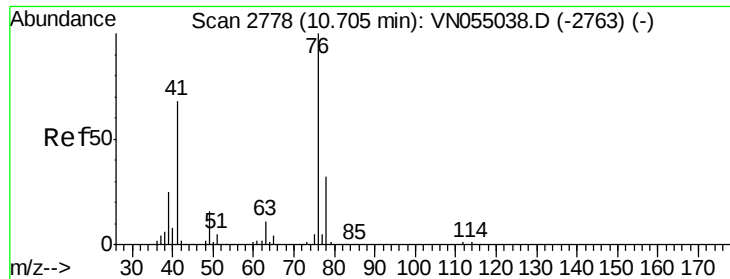
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tat	Ion: 97	Resp:	227357
Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.5	105.7
85	58.2	45.5	68.3
99	64.2	49.4	74.0



Tgt	Ion: 69	Resp:	323003
Ion	Ratio	Lower	Upper
69	100		
41	74.8	61.4	92.0
39	39.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 53.589 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

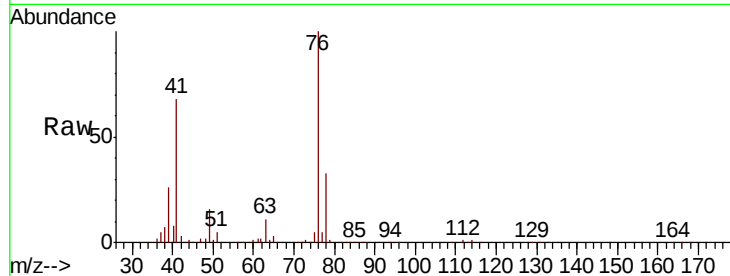
VSTDCCC050

Tot Ion: 76 Resp: 399142

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

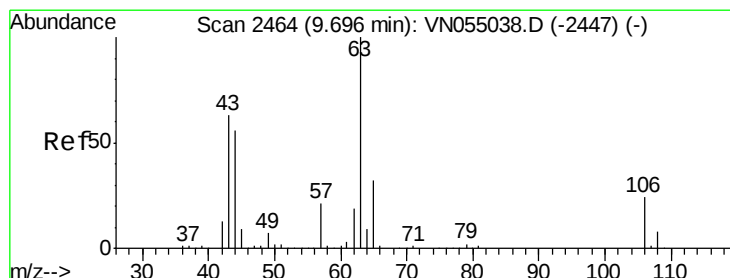
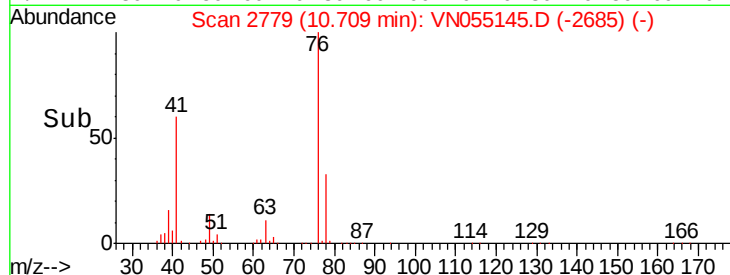
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 224.107 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055145.D

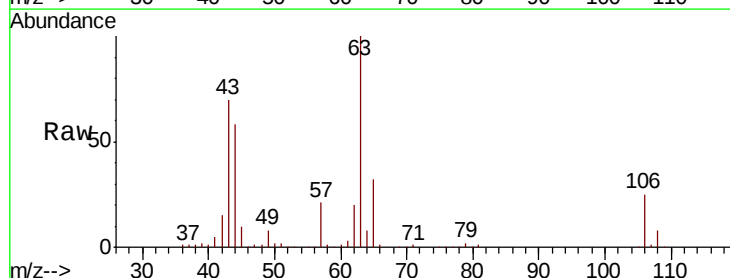
Acq: 19 Apr 2019 17:42

Tgt Ion: 63 Resp: 514111

Ion Ratio Lower Upper

63 100

106 24.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

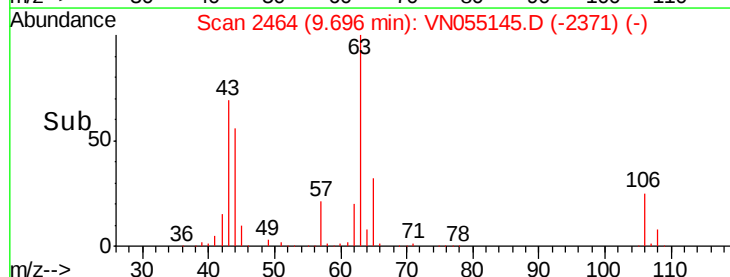
300000

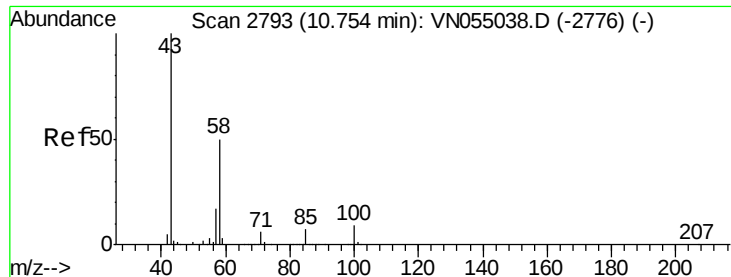
200000

100000

0

Time-->

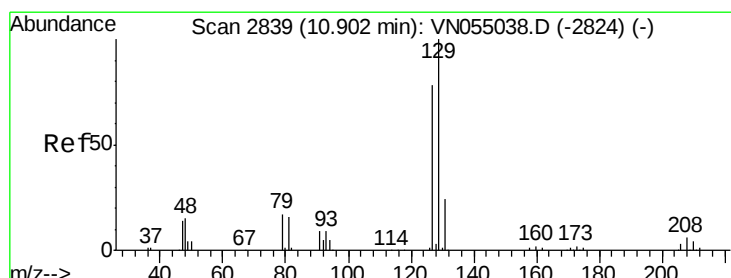
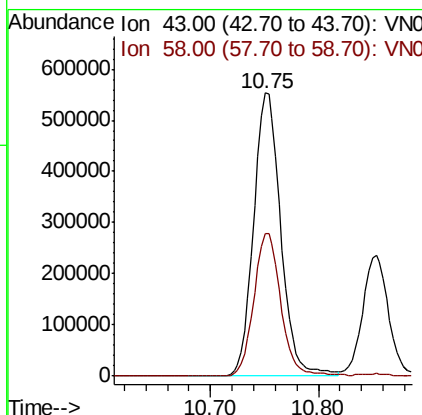
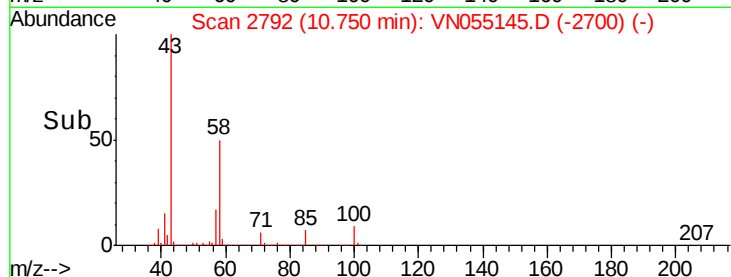
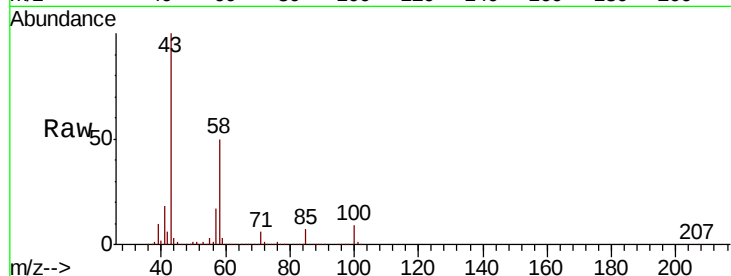




#59
2-Hexanone
Concen: 322.549 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

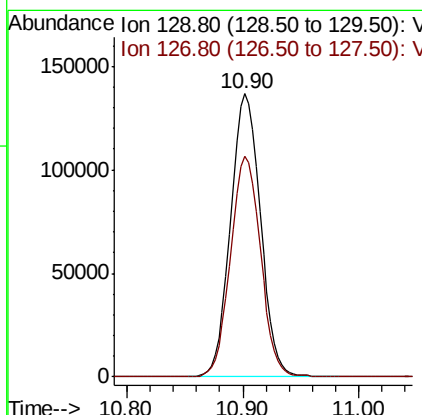
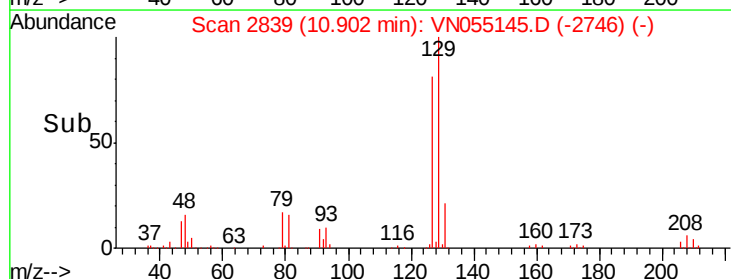
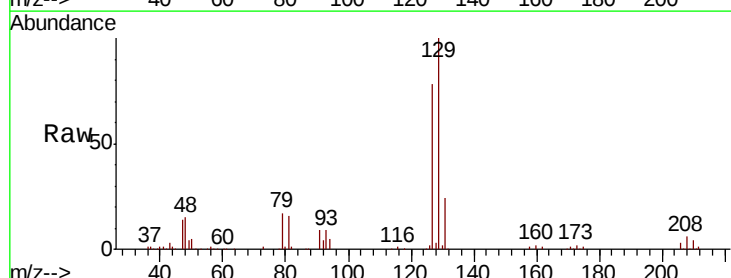
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

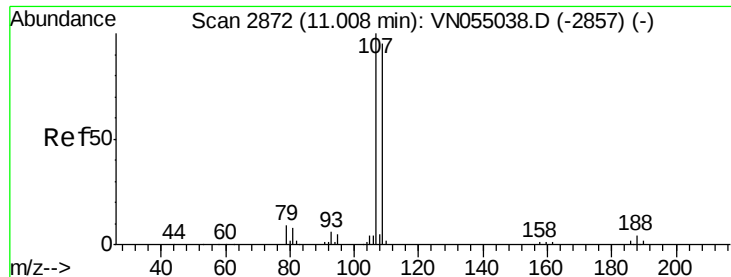
Tot Ion: 43 Resp: 965788
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.2



#60
Dibromochloromethane
Concen: 57.112 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 129 Resp: 243972
Ion Ratio Lower Upper
129 100
127 78.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.123 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

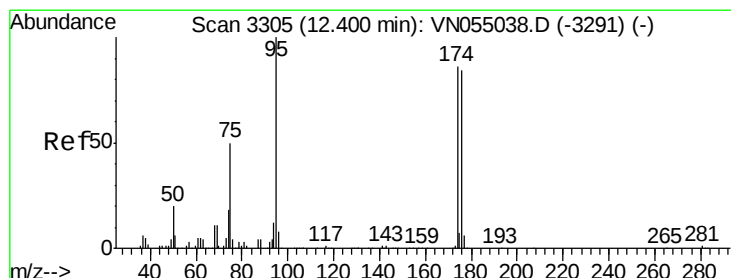
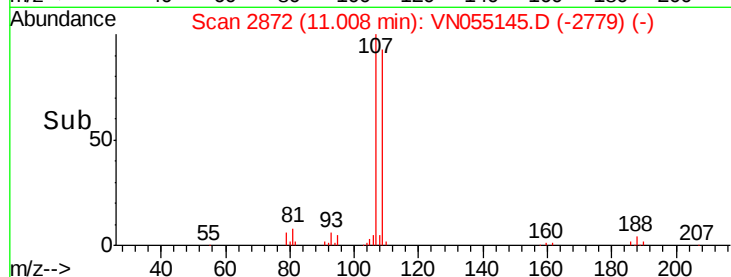
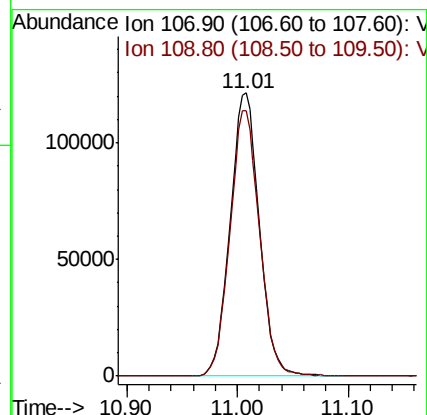
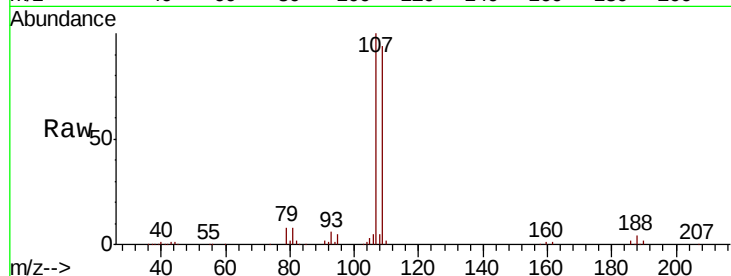
VSTDCCC050

Tot Ion:107 Resp: 221955

Ion Ratio Lower Upper

107 100

109 95.0 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 52.978 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

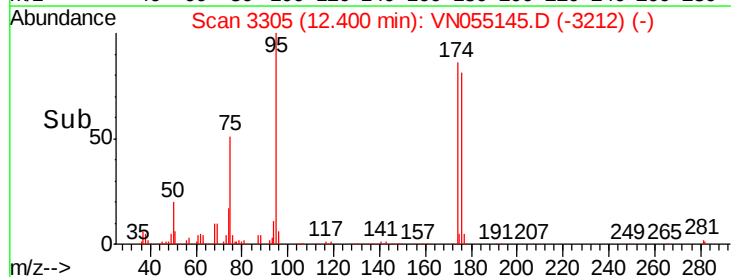
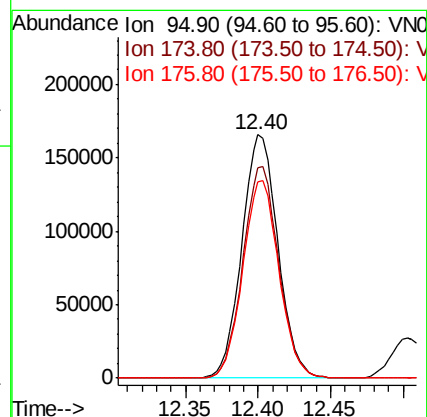
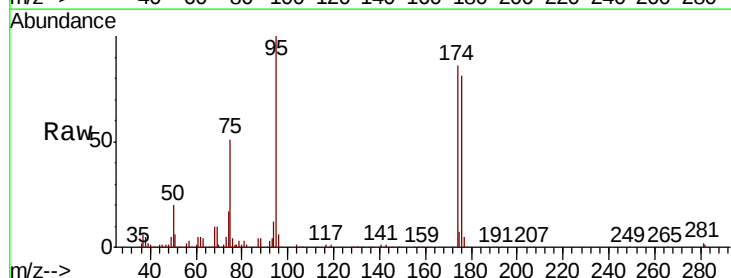
Tgt Ion: 95 Resp: 287462

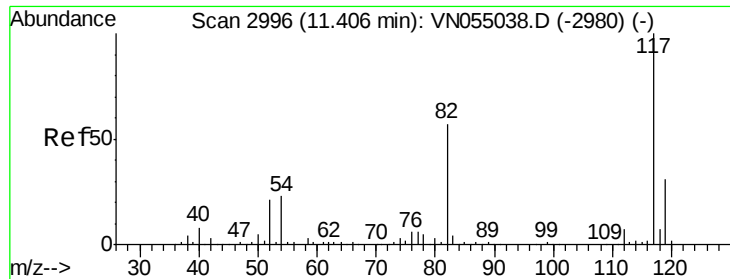
Ion Ratio Lower Upper

95 100

174 86.2 0.0 174.4

176 81.3 0.0 166.8

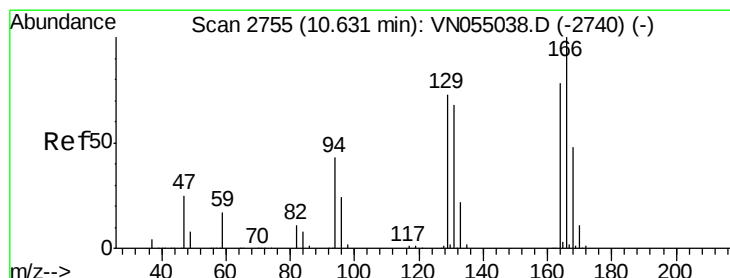
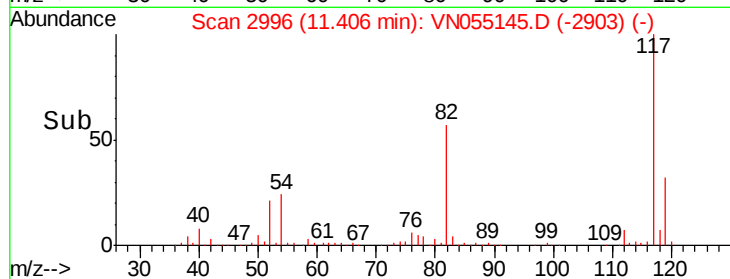
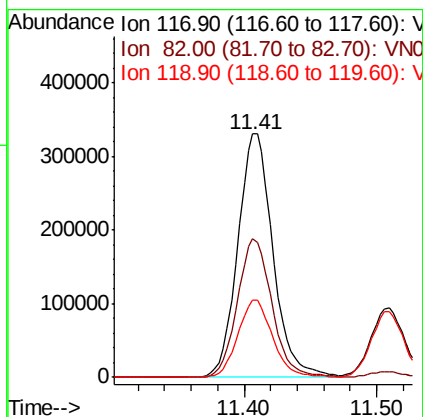
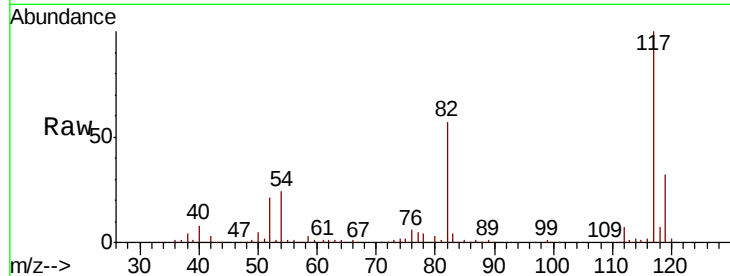




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

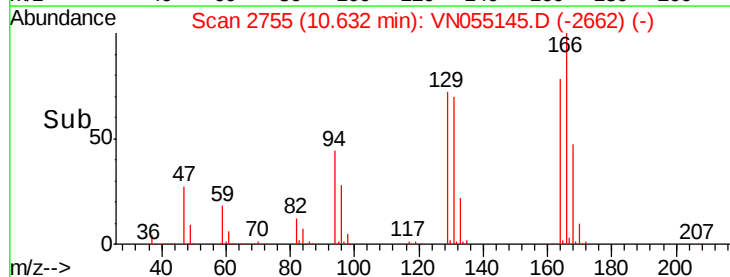
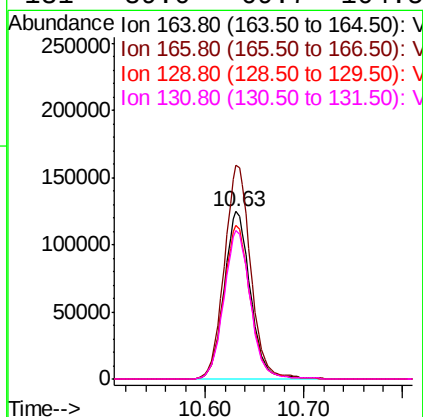
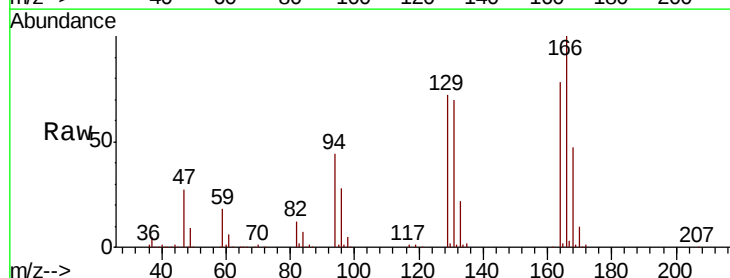
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 607954
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 47.128 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:164 Resp: 232984
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 92.1 72.0 108.0
131 89.0 69.7 104.5

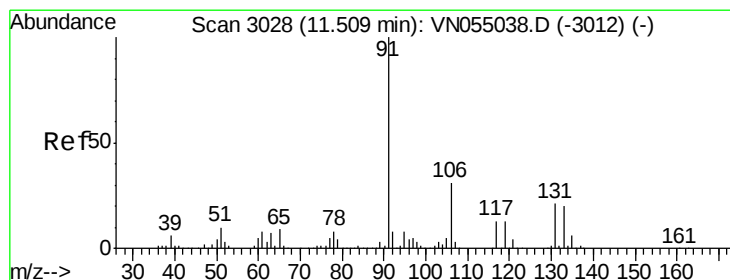
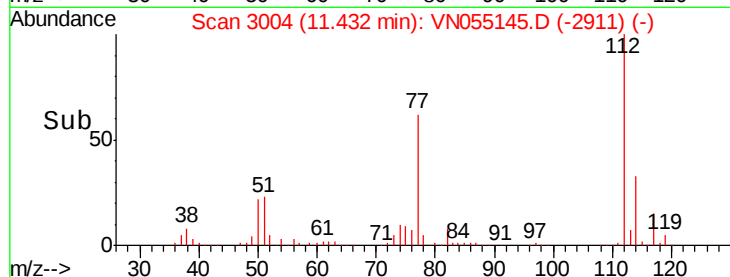
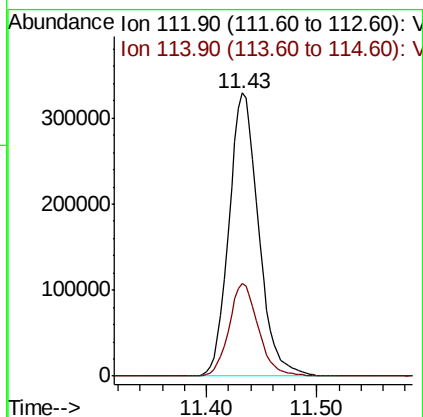
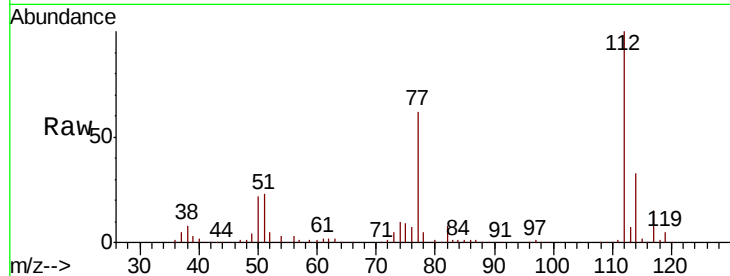




#65
Chlorobenzene
Concen: 50.129 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

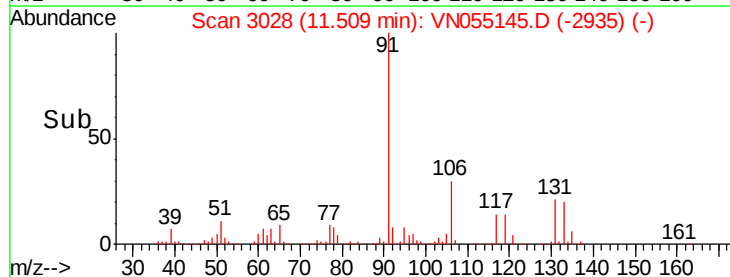
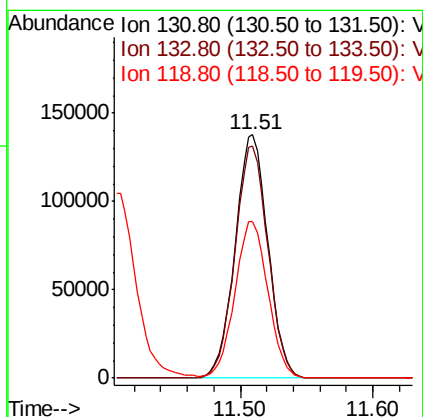
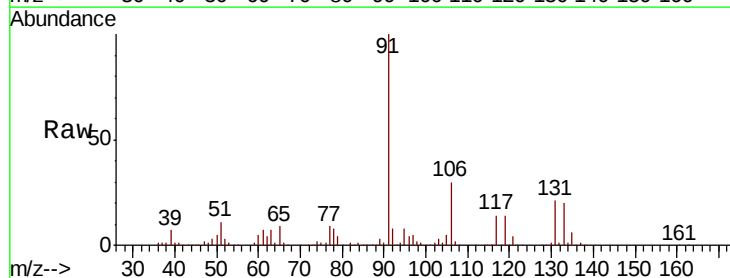
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

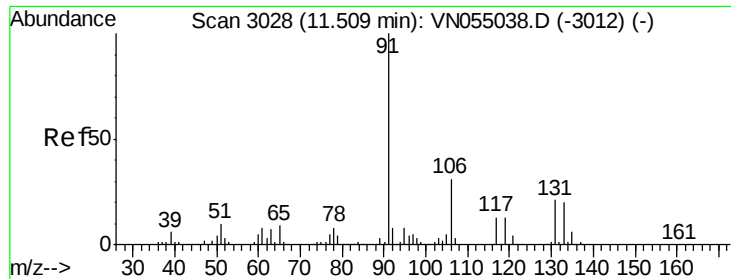
Tot Ion:112 Resp: 613464
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.671 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:131 Resp: 237070
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 64.9 33.6 100.6

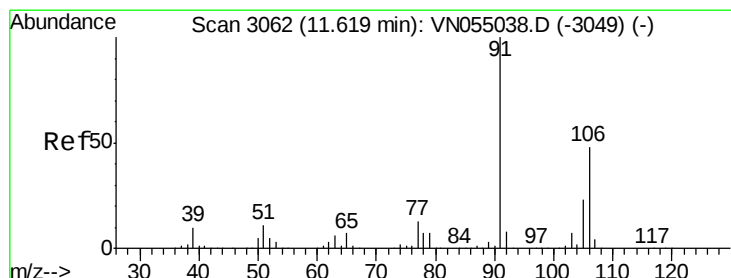
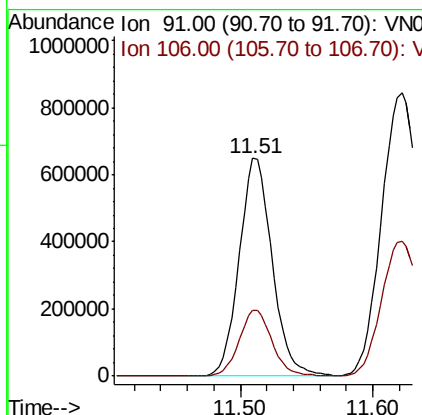
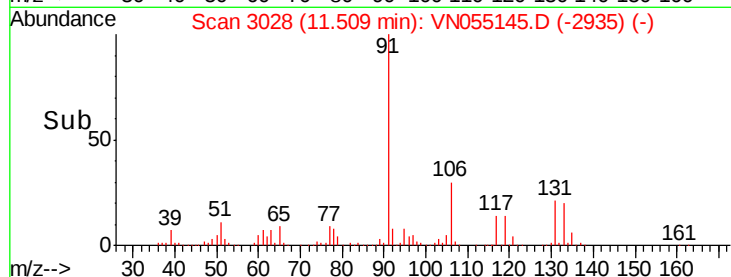
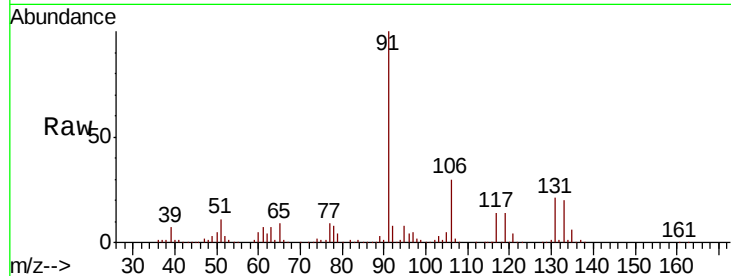




#67
Ethyl Benzene
Concen: 51.413 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

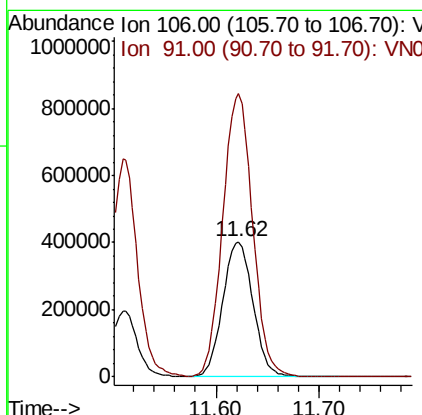
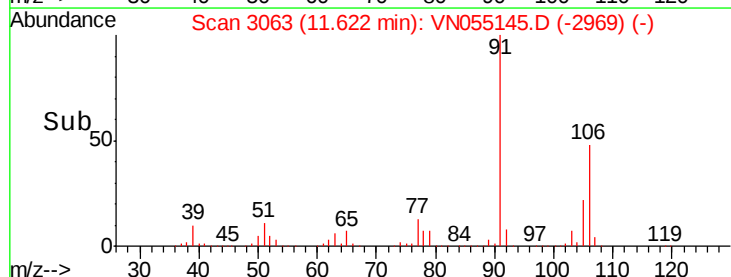
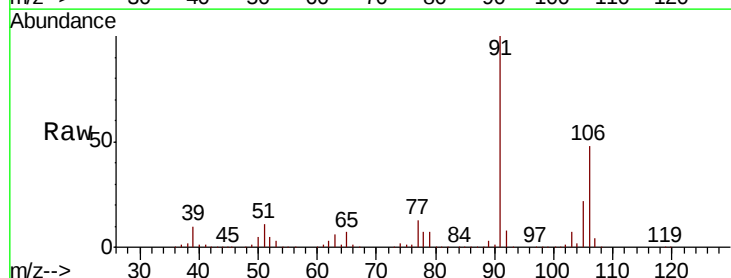
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

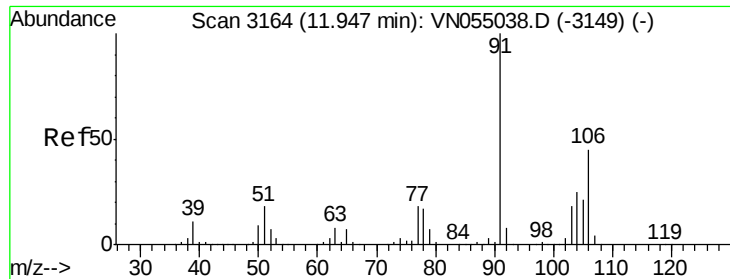
Tot Ion: 91 Resp: 1123592
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 104.018 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 106 Resp: 823163
Ion Ratio Lower Upper
106 100
91 207.0 165.9 248.9

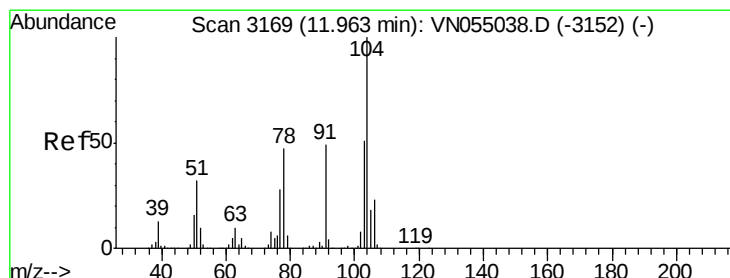
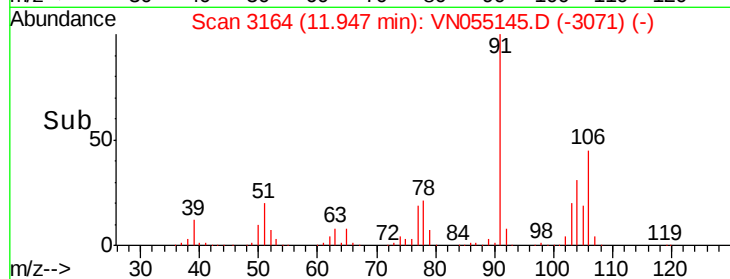
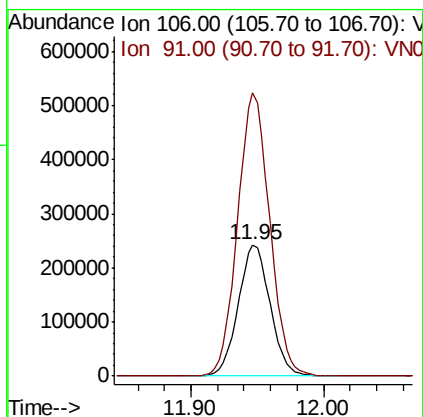
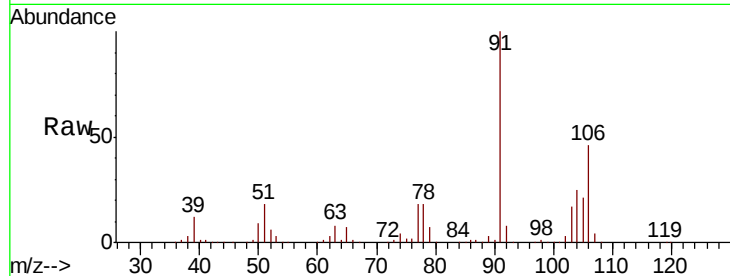




#69
o-Xylene
Concen: 52.756 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

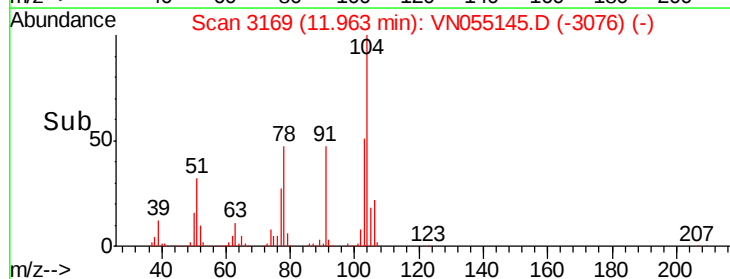
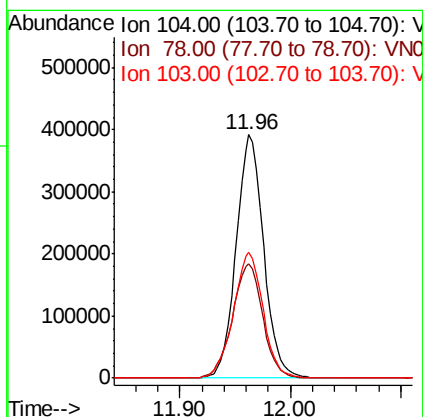
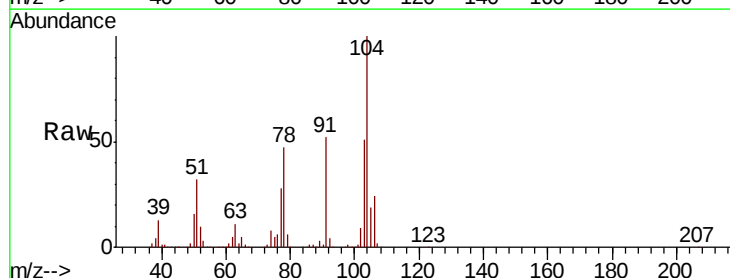
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

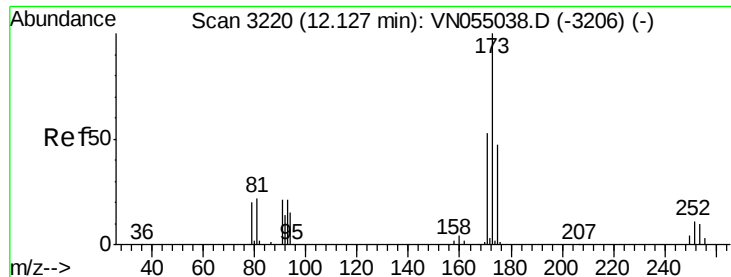
Tot Ion:106 Resp: 404370
Ion Ratio Lower Upper
106 100
91 217.8 109.9 329.8



#70
Styrene
Concen: 54.536 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:104 Resp: 676629
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 55.7 44.3 66.5





#71

Bromoform

Concen: 60.978 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

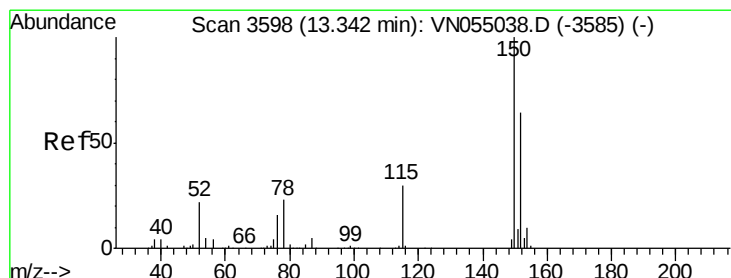
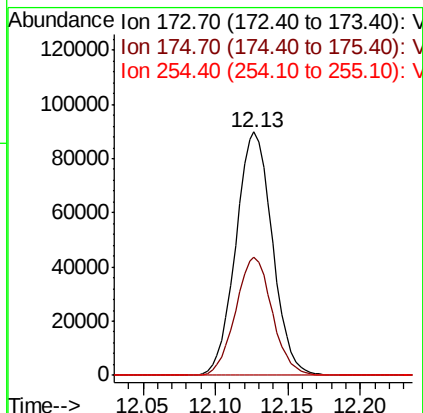
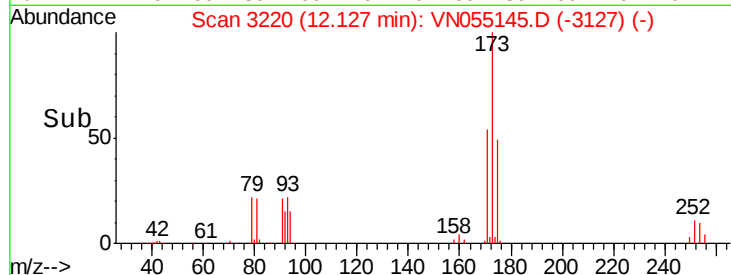
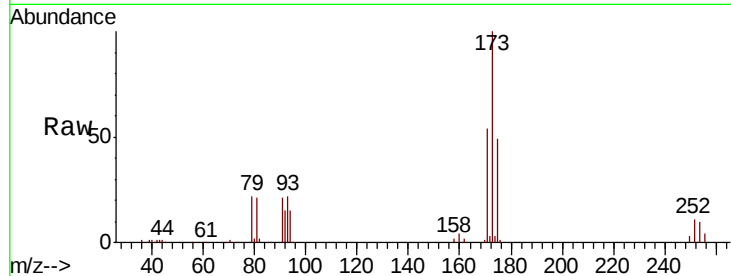
Tot Ion:173 Resp: 157315

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

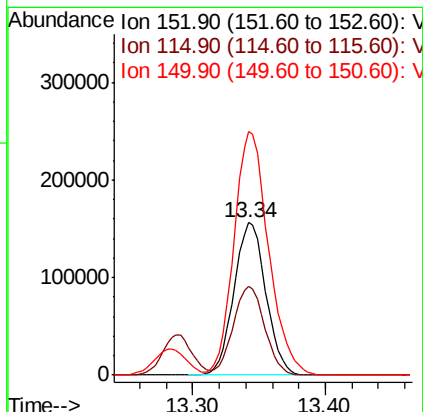
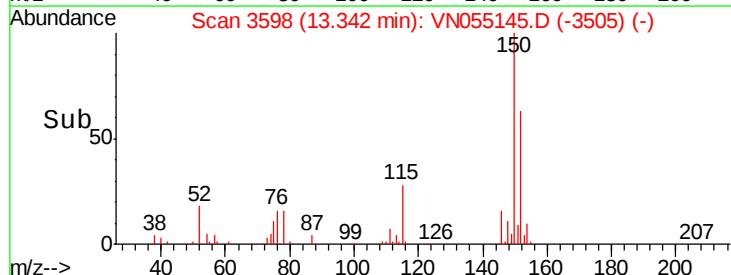
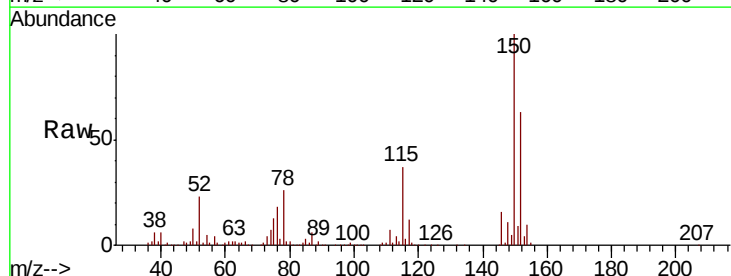
Tgt Ion:152 Resp: 260454

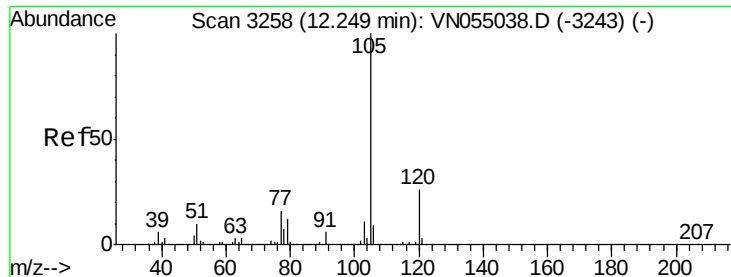
Ion Ratio Lower Upper

152 100

115 57.5 28.5 85.6

150 173.1 0.0 347.2





#73

Isopropylbenzene

Concen: 46.477 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

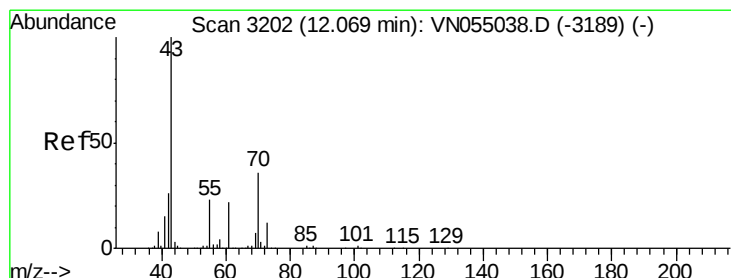
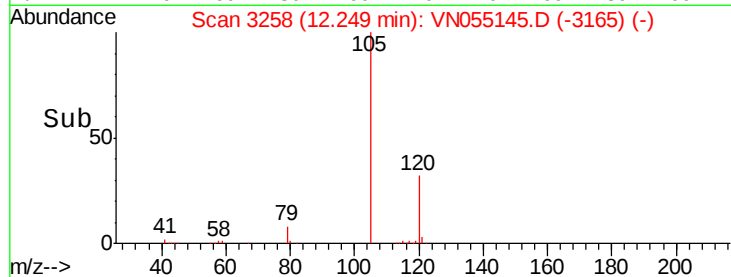
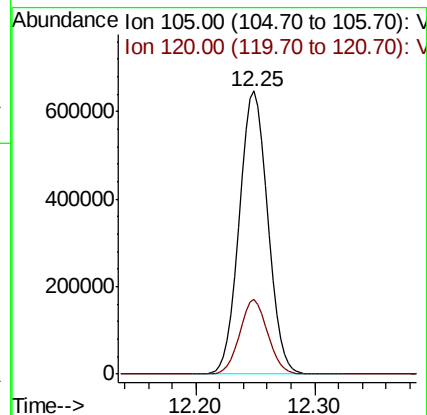
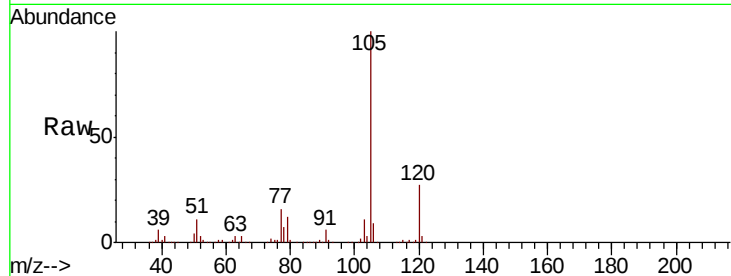
VSTDCCC050

Tot Ion:105 Resp: 1074179

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 59.017 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion: 43 Resp: 383967

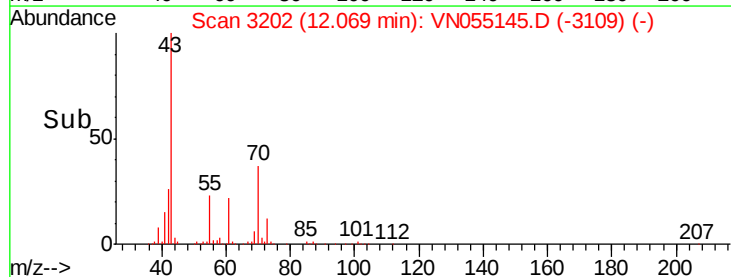
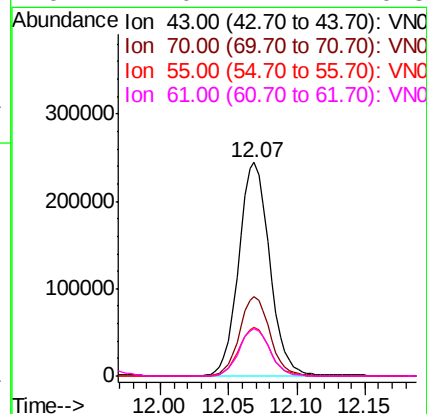
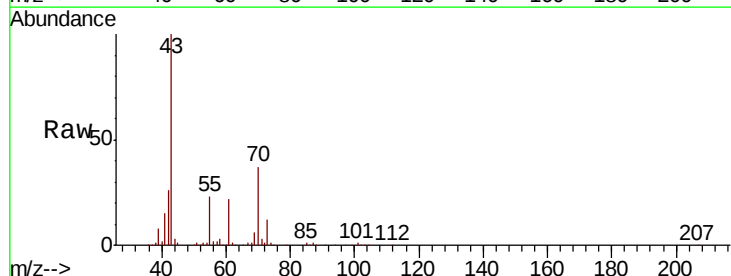
Ion Ratio Lower Upper

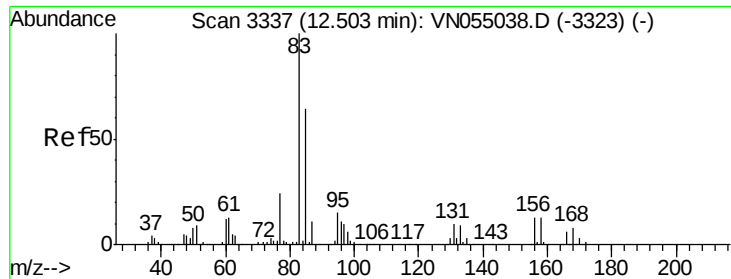
43 100

70 36.6 29.4 44.0

55 22.8 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.050 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

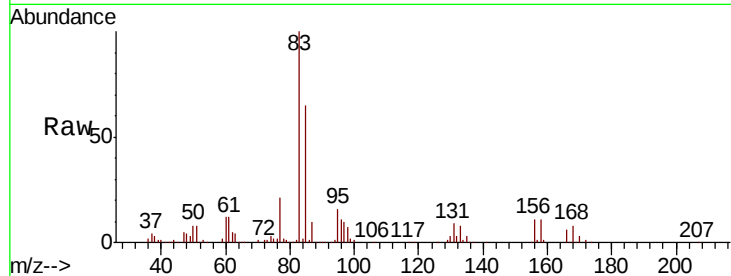
Tot Ion: 83 Resp: 297154

Ion Ratio Lower Upper

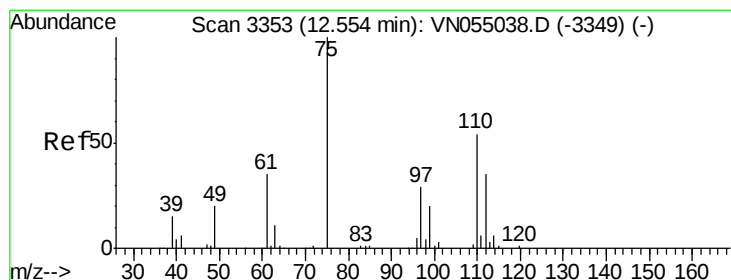
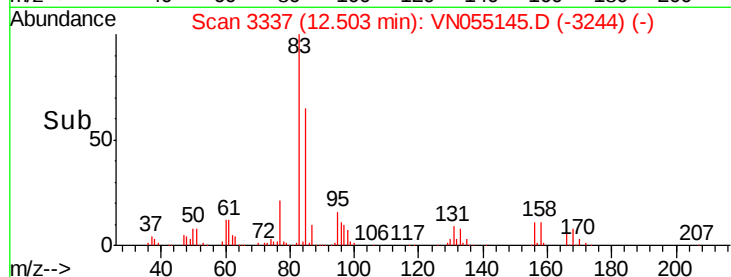
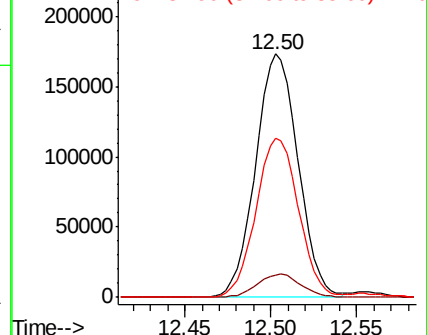
83 100

131 9.9 5.0 15.0

85 65.5 32.3 96.9



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: 75.133 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055145.D

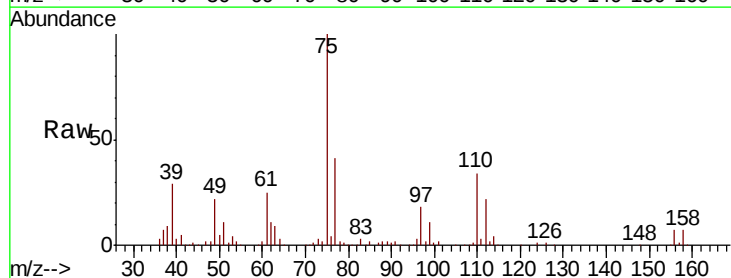
Acq: 19 Apr 2019 17:42

Tgt Ion: 75 Resp: 351891

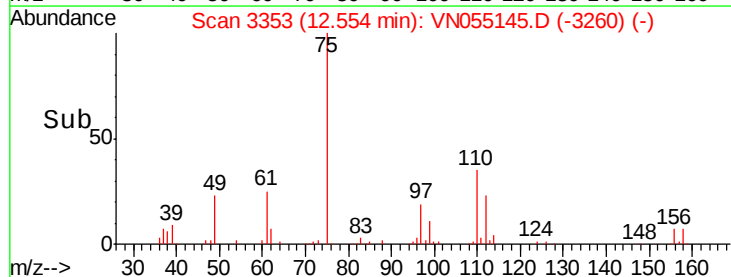
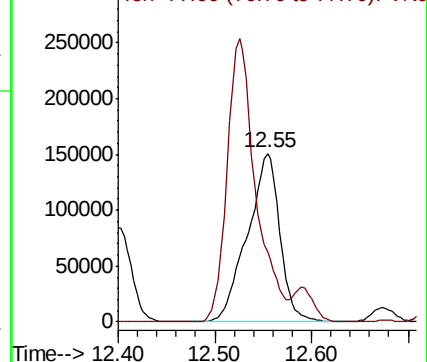
Ion Ratio Lower Upper

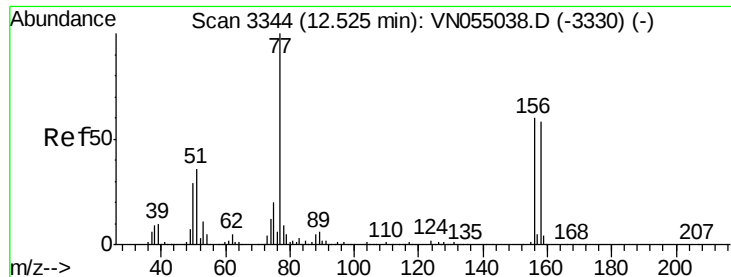
75 100

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

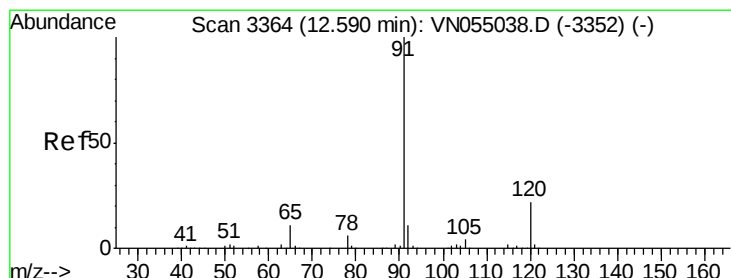
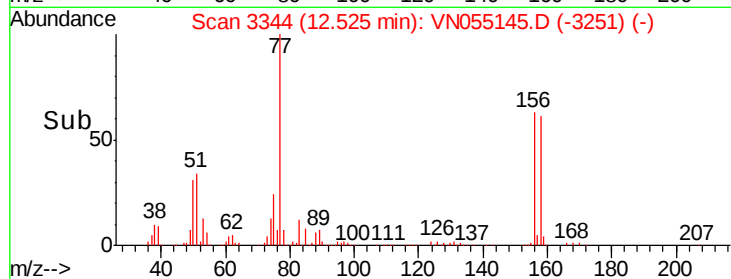
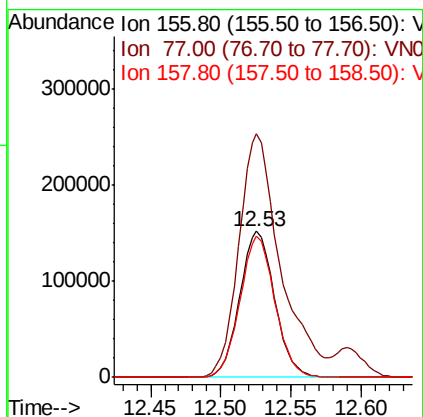
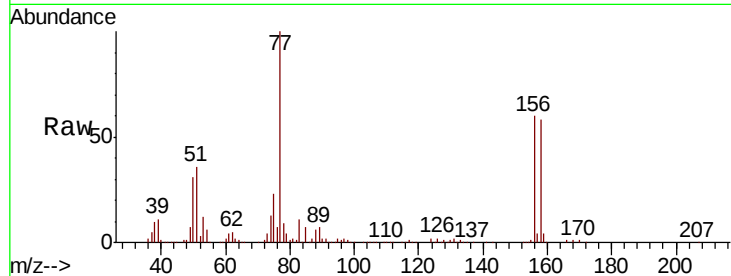




#77
Bromobenzene
Concen: 45.884 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

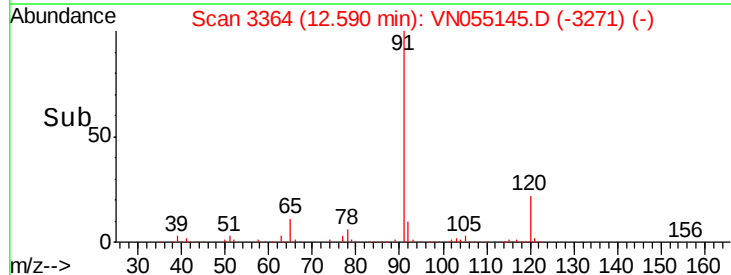
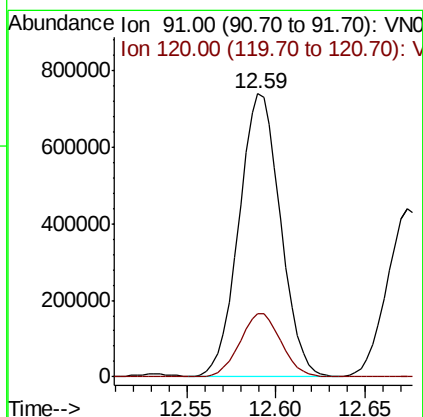
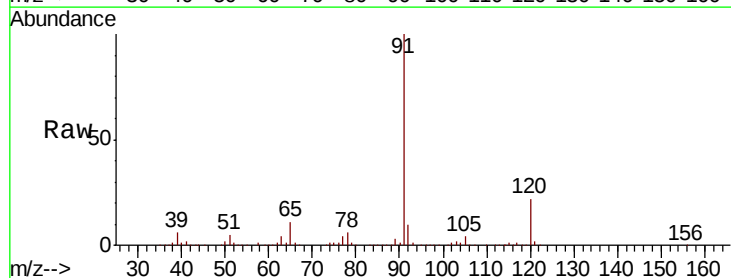
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

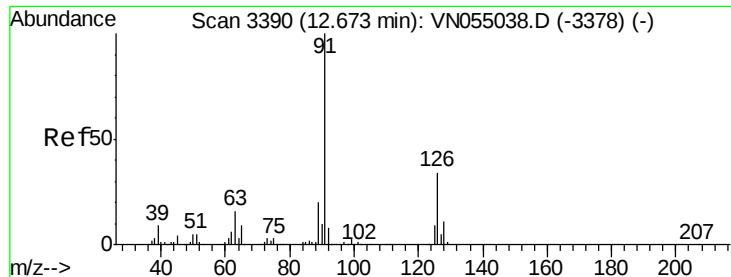
Tot Ion:156 Resp: 264378
Ion Ratio Lower Upper
156 100
77 198.6 97.2 291.5
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 47.940 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 91 Resp: 1197093
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

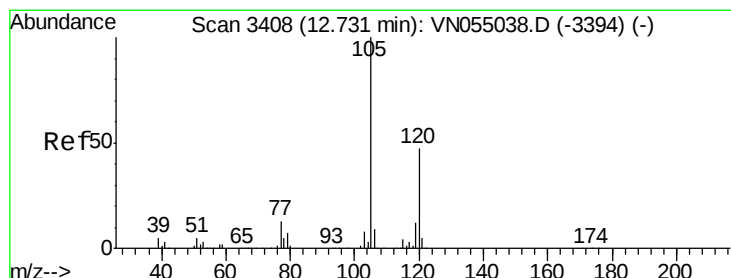
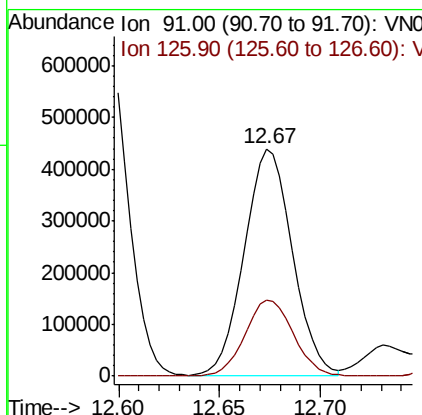
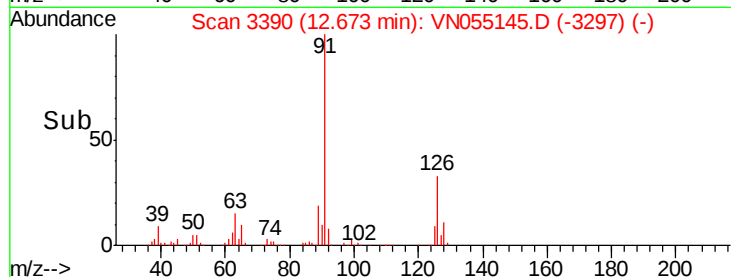
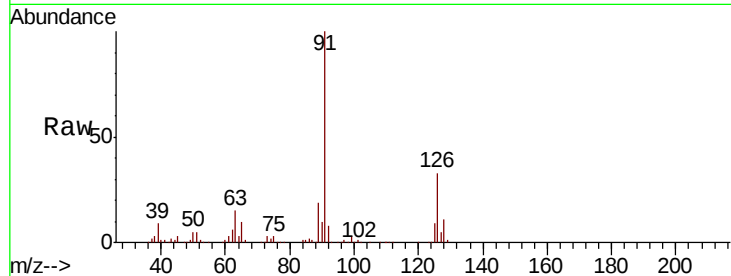




#79
 2-Chlorotoluene
 Concen: 46.993 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

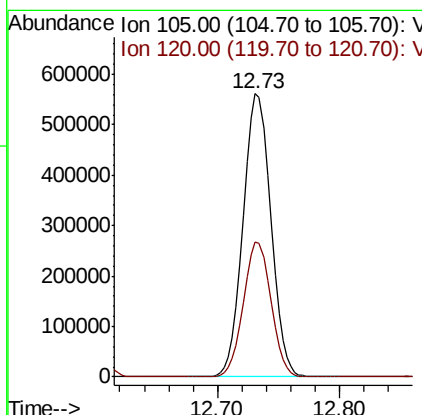
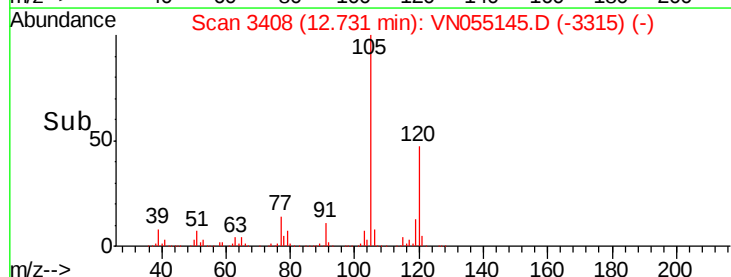
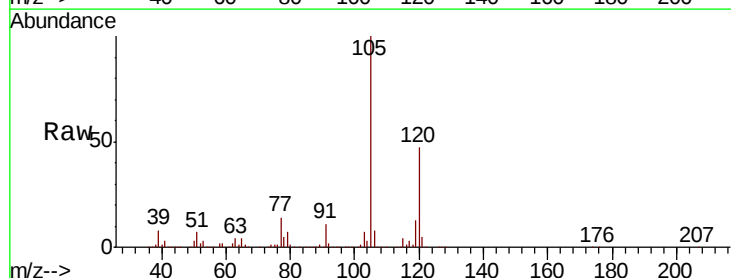
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 731927
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 47.123 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 105 Resp: 878897
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 62.818 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

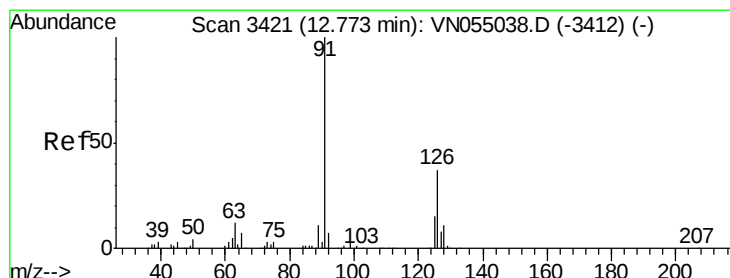
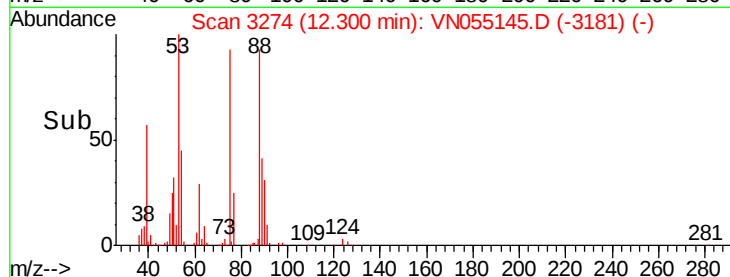
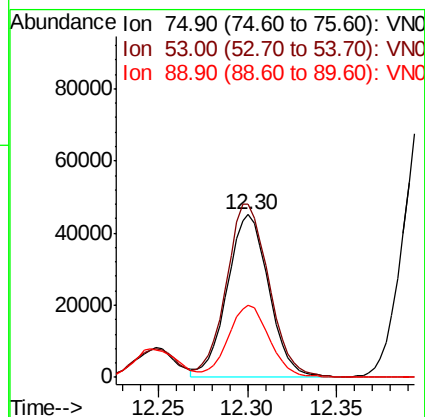
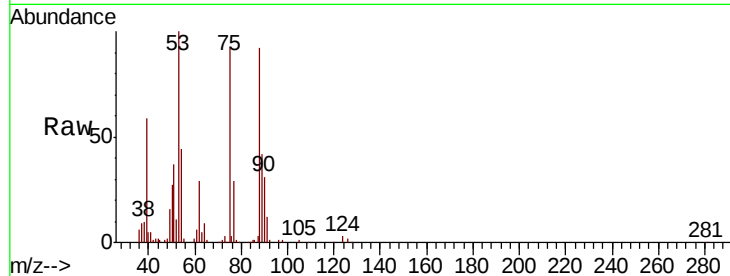
Tot Ion: 75 Resp: 73575

Ion Ratio Lower Upper

75 100

53 109.7 96.3 144.5

89 43.8 38.6 57.8



#82

4-Chlorotoluene

Concen: 49.466 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055145.D

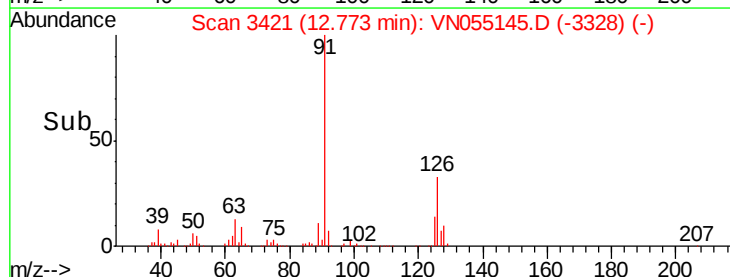
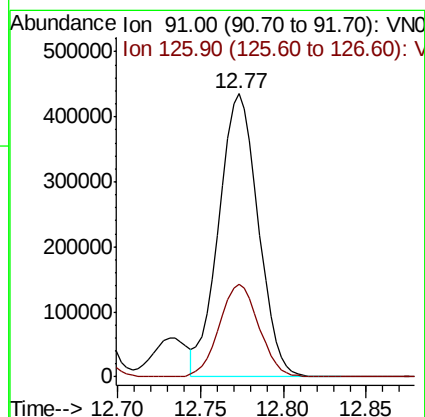
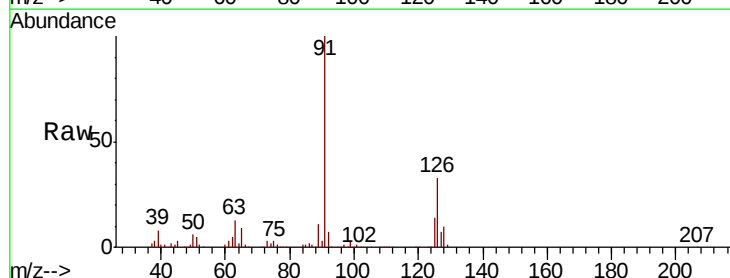
Acq: 19 Apr 2019 17:42

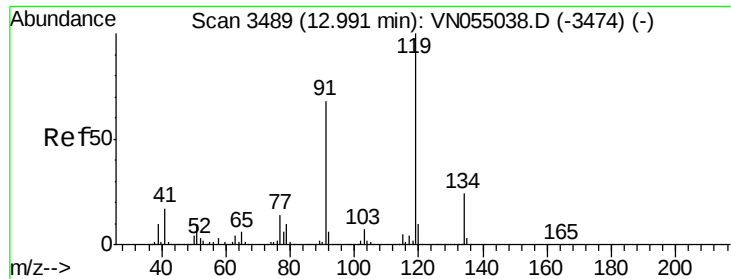
Tgt Ion: 91 Resp: 718797

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.2

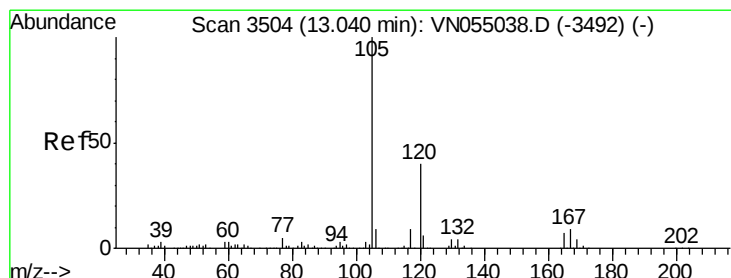
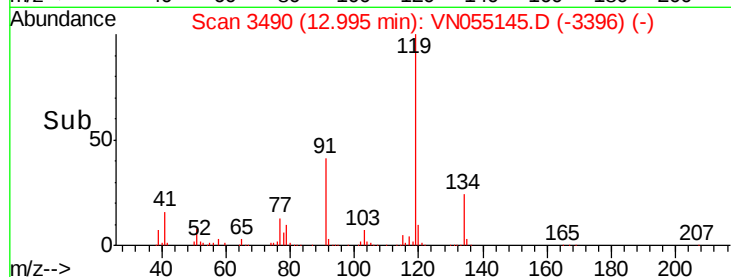
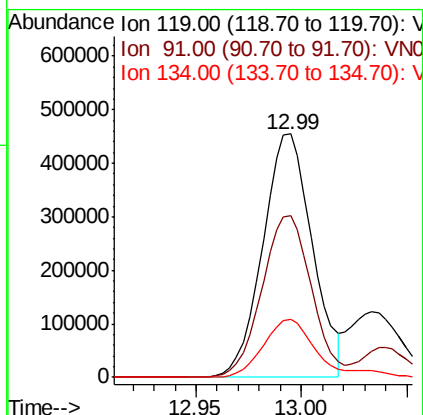
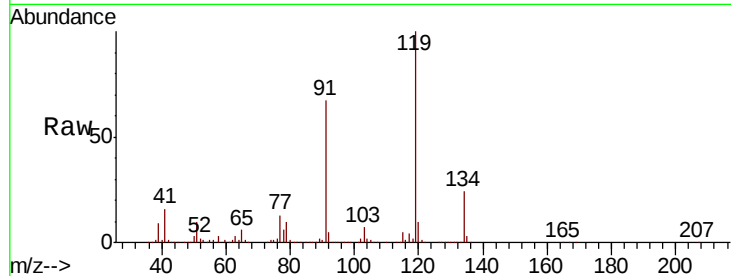




#83
tert-Butylbenzene
Concen: 47.200 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

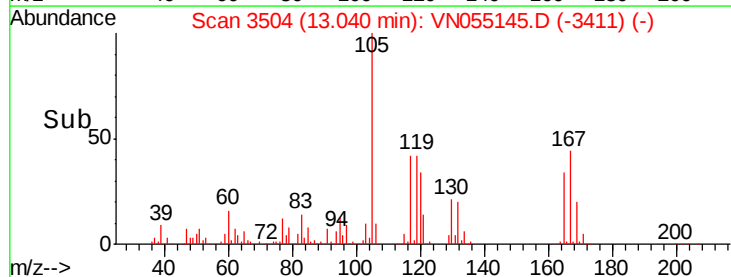
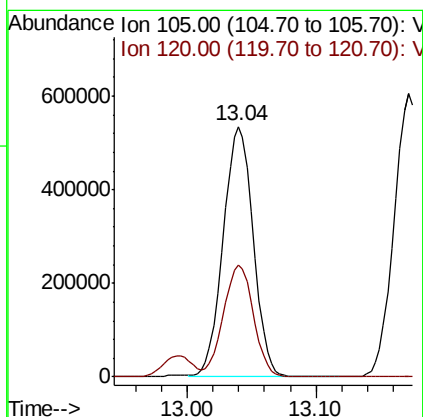
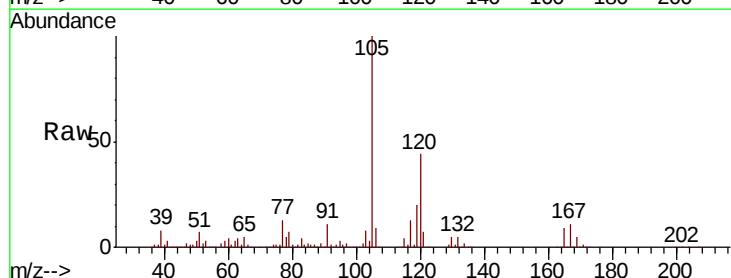
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

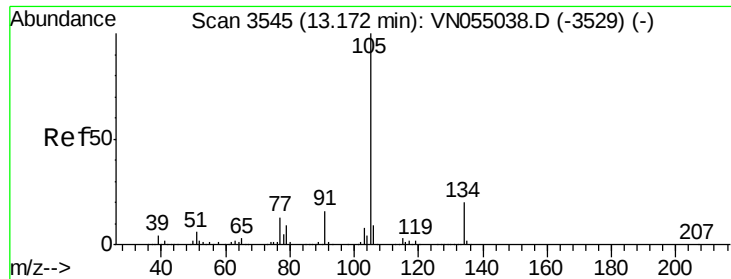
Tot Ion:119 Resp: 743470
Ion Ratio Lower Upper
119 100
91 66.3 33.3 99.8
134 26.2 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 48.772 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:105 Resp: 862067
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3

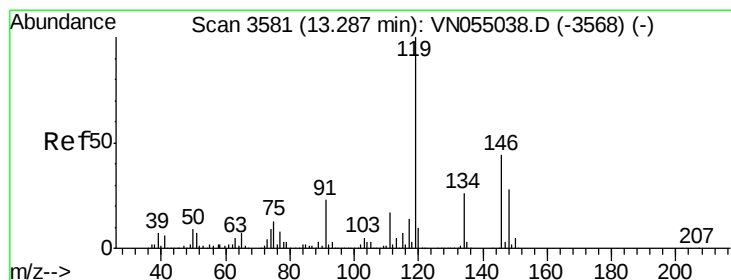
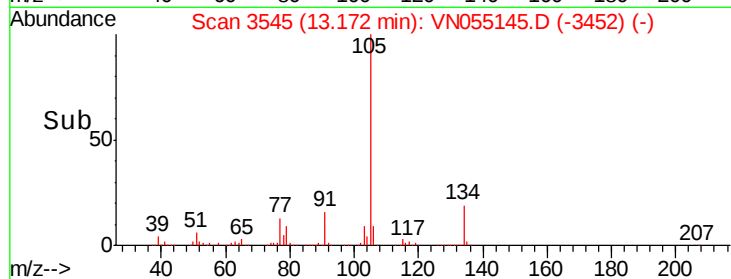
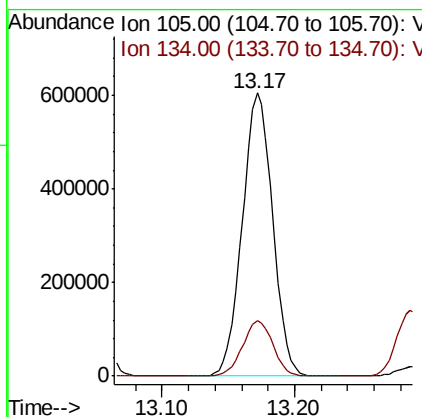
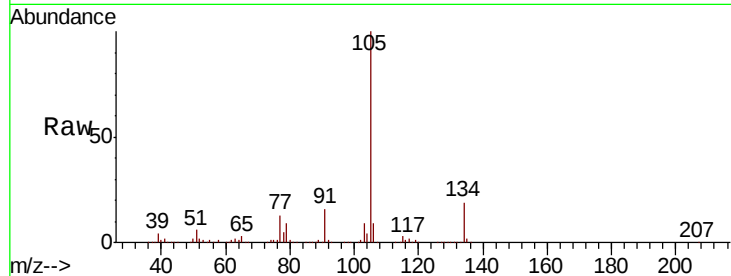




#85
 sec-Butylbenzene
 Concen: 47.760 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

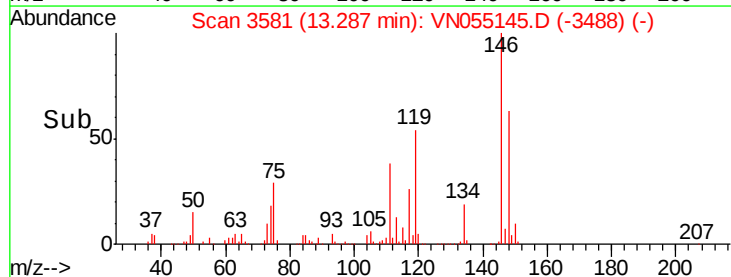
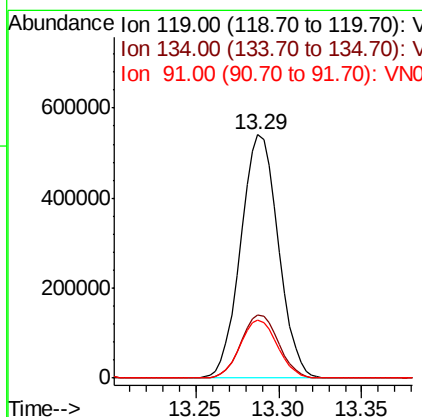
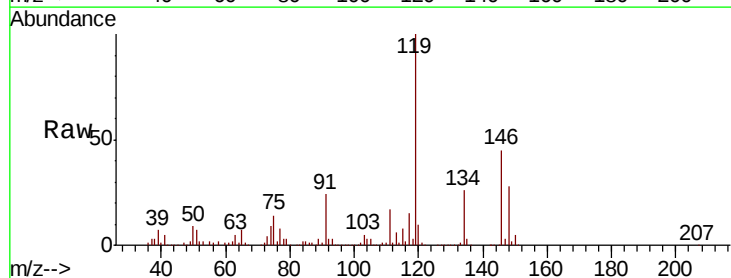
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

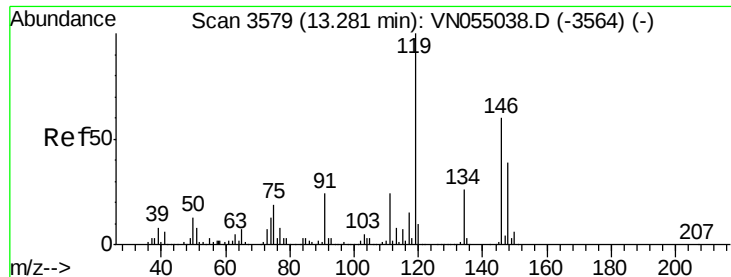
Tot Ion:105 Resp: 958587
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.336 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion:119 Resp: 849538
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.7 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 50.628 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

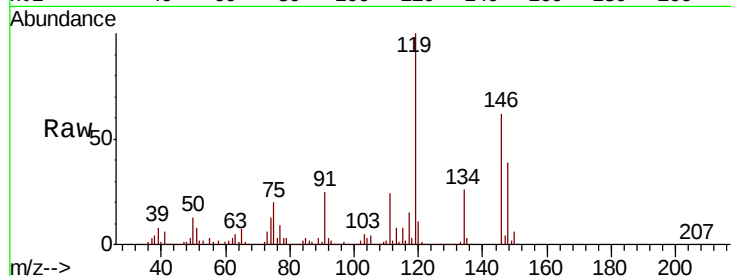
Tot Ion:146 Resp: 443396

Ion Ratio Lower Upper

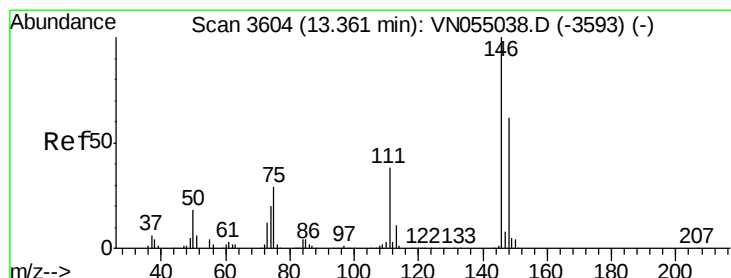
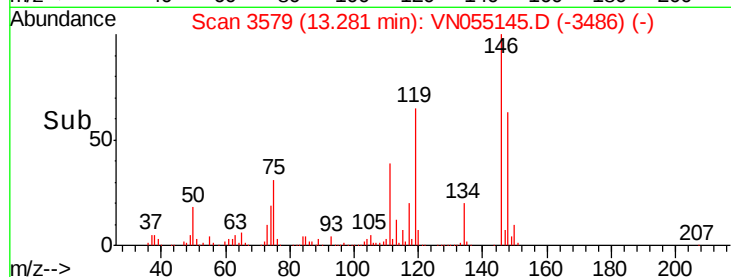
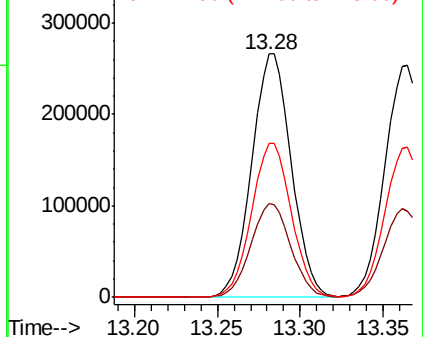
146 100

111 38.9 19.5 58.5

148 63.6 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 51.037 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

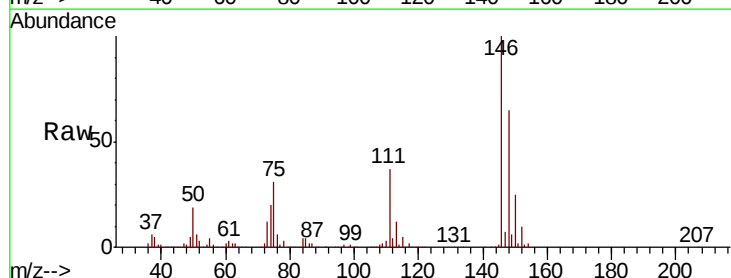
Tgt Ion:146 Resp: 426241

Ion Ratio Lower Upper

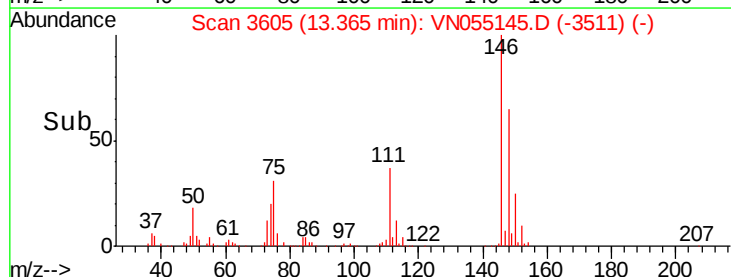
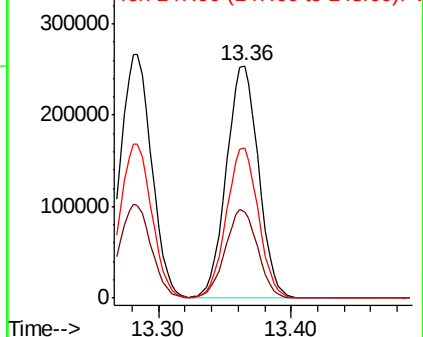
146 100

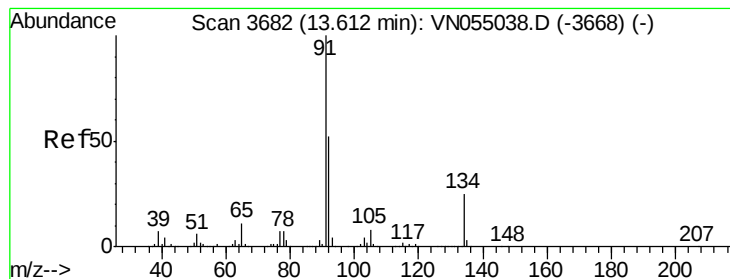
111 38.5 18.8 56.4

148 64.5 32.4 97.2



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





#89

n-Butylbenzene

Concen: 54.202 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

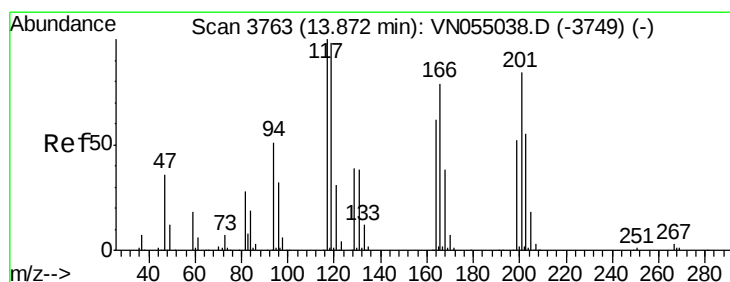
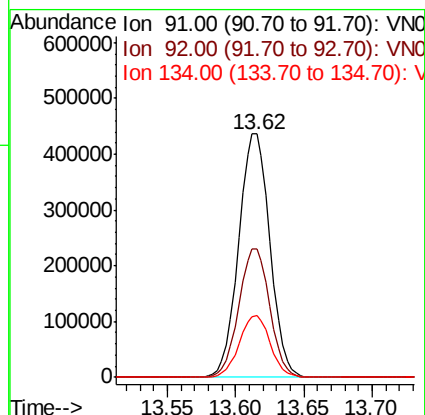
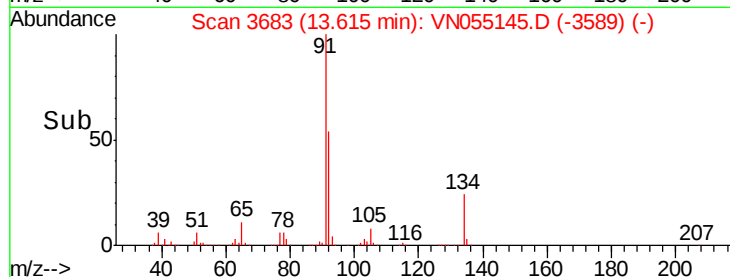
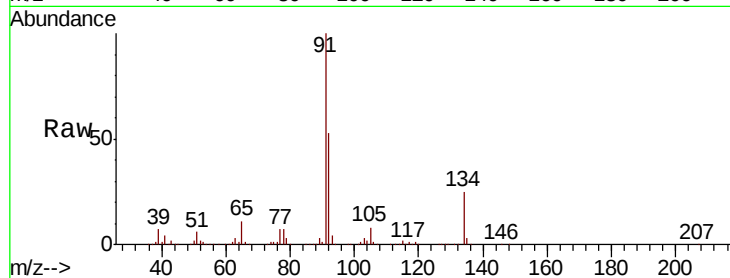
Tot Ion: 91 Resp: 692862

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.7

134 25.0 12.8 38.3



#90

Hexachloroethane

Concen: 50.375 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055145.D

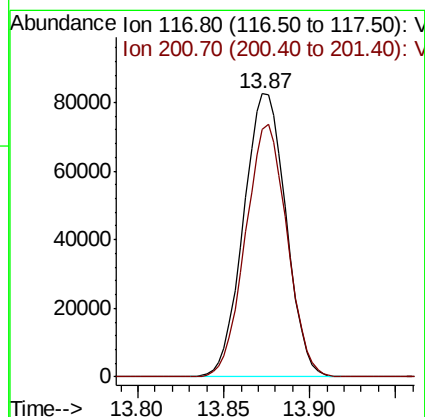
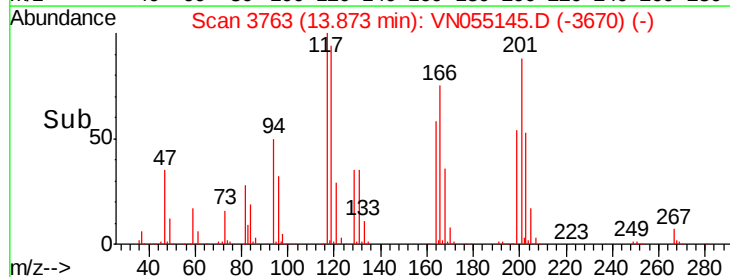
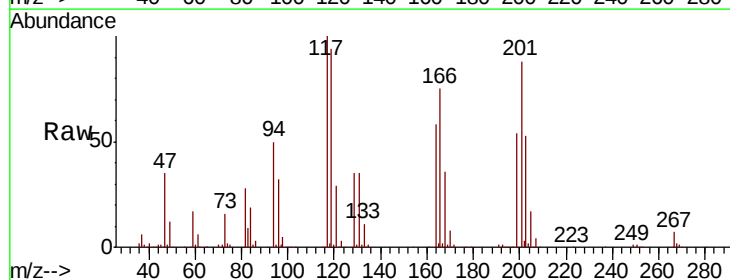
Acq: 19 Apr 2019 17:42

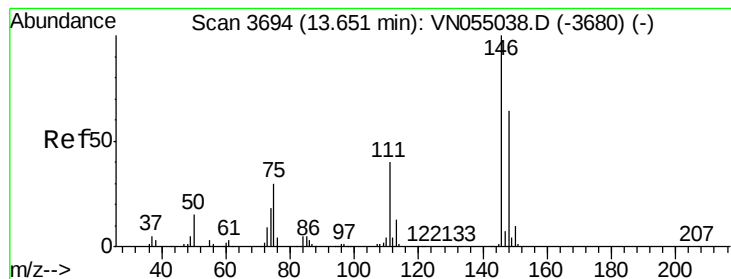
Tgt Ion: 117 Resp: 141143

Ion Ratio Lower Upper

117 100

201 87.5 43.4 130.2





#91

1,2-Dichlorobenzene

Concen: 48.805 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

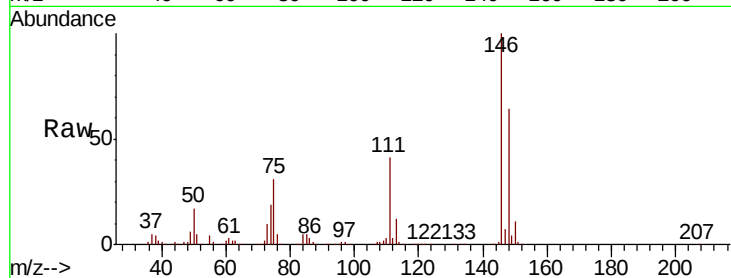
Tot Ion:146 Resp: 430057

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

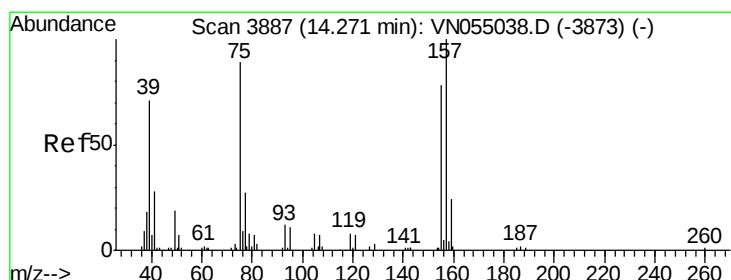
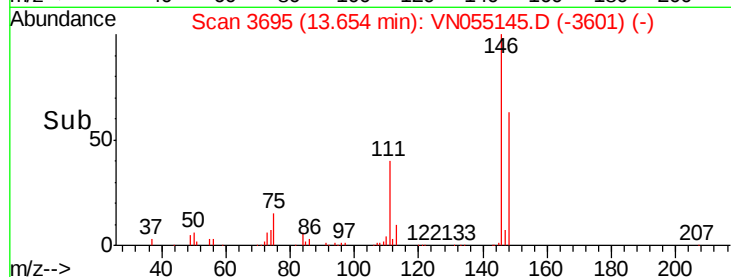
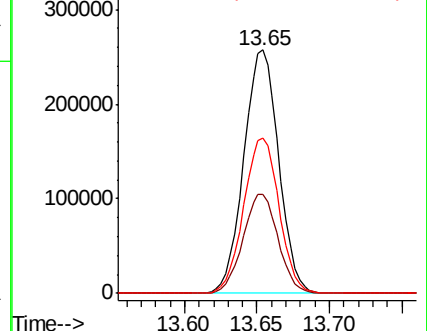
148 64.8 32.2 96.6



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: 57.851 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

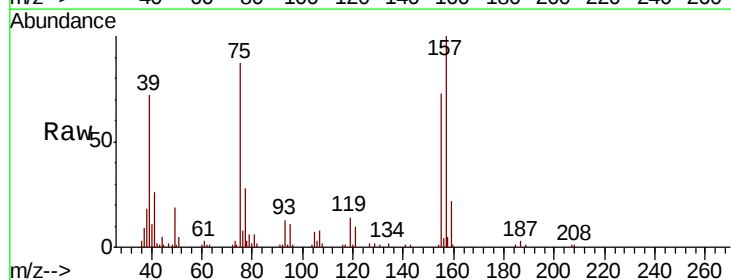
Tgt Ion: 75 Resp: 44056

Ion Ratio Lower Upper

75 100

155 82.3 42.0 126.0

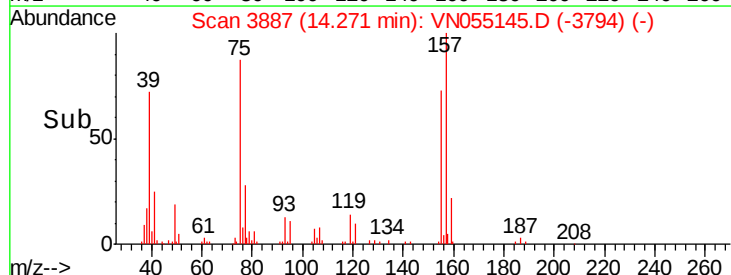
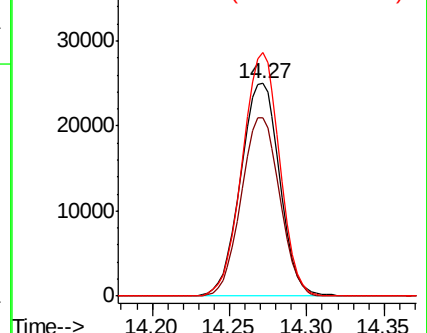
157 108.9 52.1 156.4

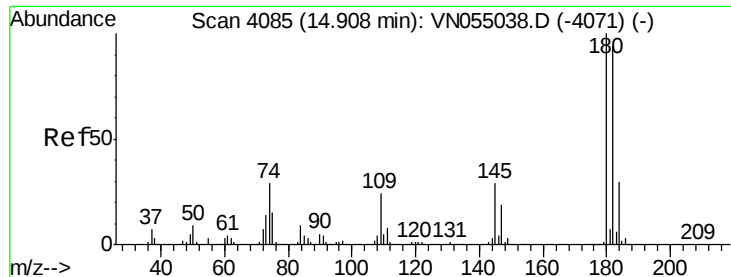


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

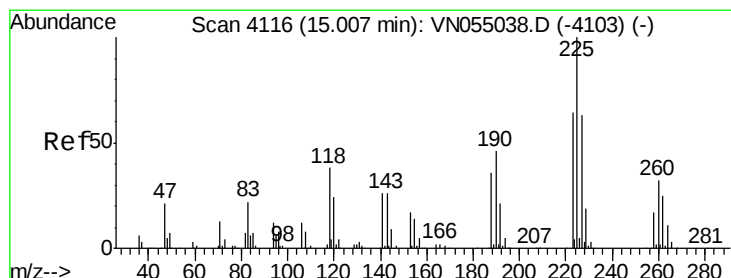
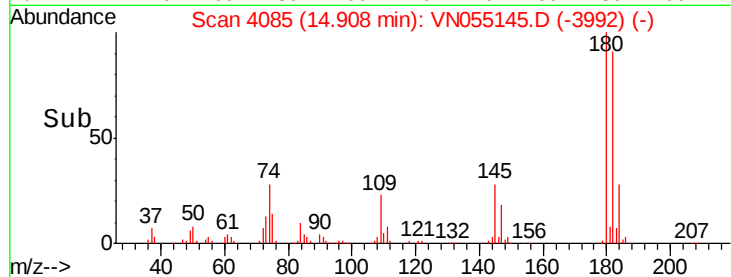
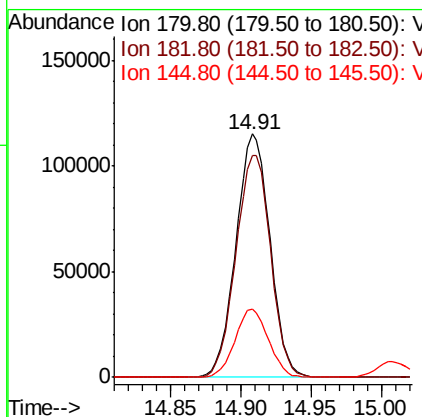
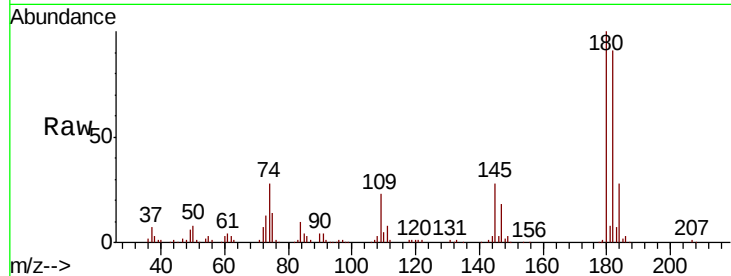




#93
 1,2,4-Trichlorobenzene
 Concen: 48.812 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

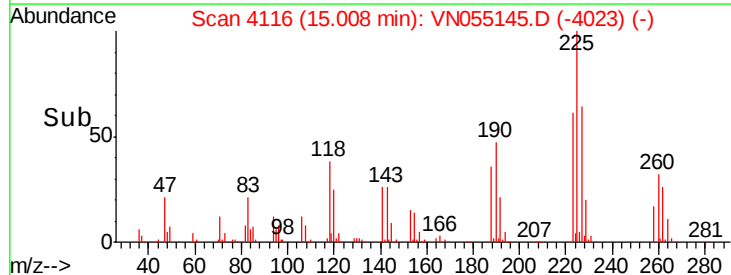
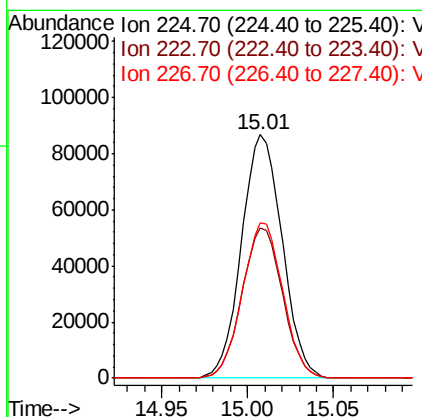
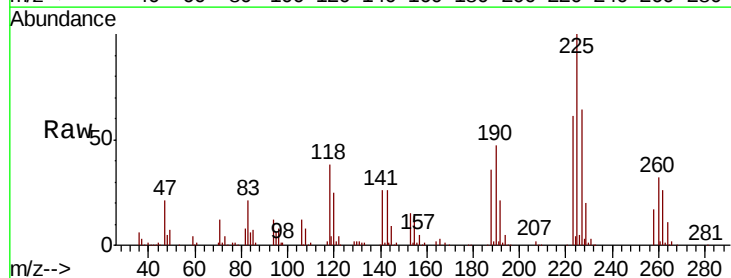
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

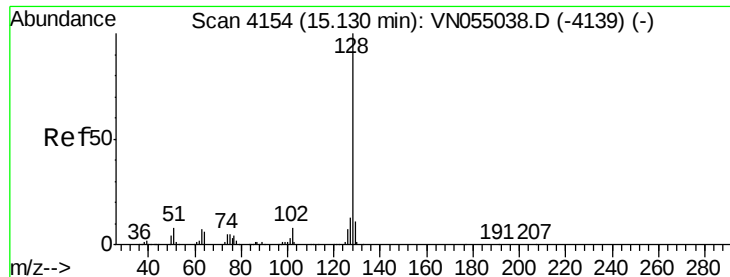
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	27.6	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 52.265 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.0
227	63.2	32.6	97.7





#95

Naphthalene

Concen: 47.443 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

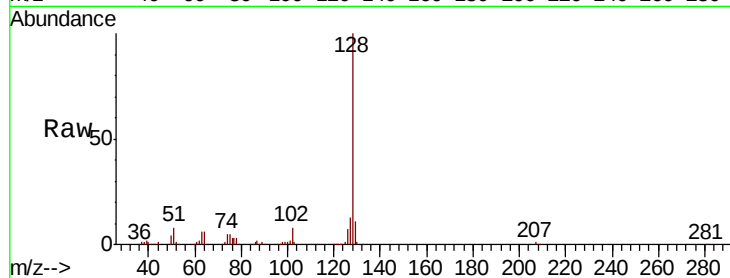
Tot Ion:128 Resp: 441769

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

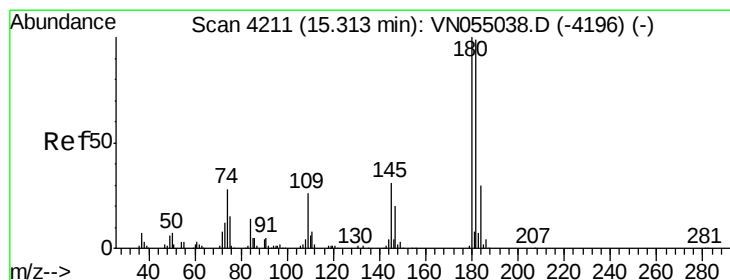
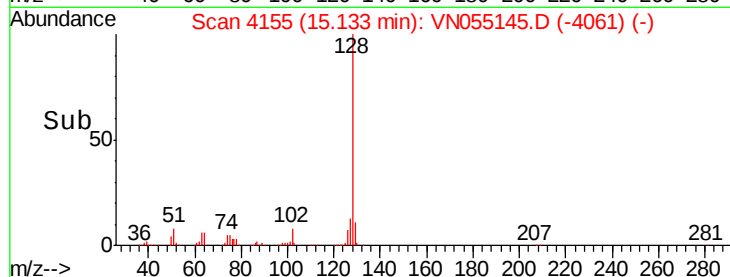
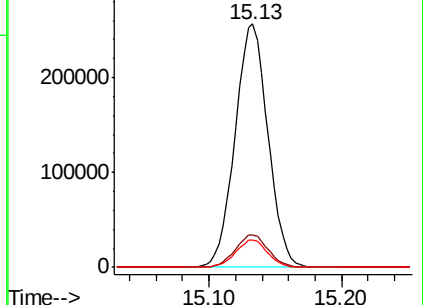
129 11.0 8.8 13.2



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: 57.230 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

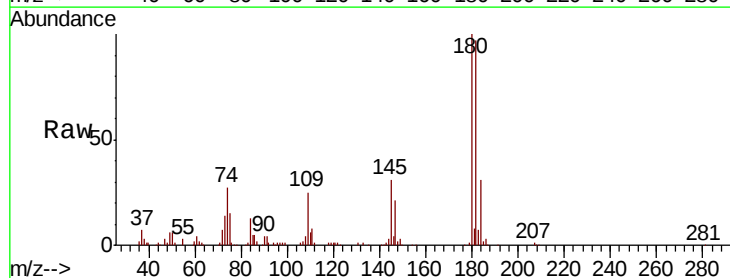
Tgt Ion:180 Resp: 194547

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.0

145 31.0 15.3 45.9



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

