

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055213.D
 Acq On : 23 Apr 2019 18:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 24 02:53:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	429448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	682622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	600758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	252196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	290474	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	229030	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	847788	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	280251	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	289373	52.334	ug/l	99
3) Chloromethane	2.06	50	333180	49.175	ug/l	99
4) Vinyl Chloride	2.19	62	262591	48.367	ug/l	98
5) Bromomethane	2.55	94	136723	43.425	ug/l	100
6) Chloroethane	2.70	64	135768	47.447	ug/l	98
7) Trichlorofluoromethane	3.01	101	358867	48.573	ug/l	97
8) Diethyl Ether	3.41	74	143299	54.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	219758	47.667	ug/l	99
10) Methyl Iodide	3.95	142	340635	52.688	ug/l	99
11) Tert butyl alcohol	4.79	59	110720	326.268	ug/l	98
12) 1,1-Dichloroethene	3.74	96	218681	49.495	ug/l	99
13) Acrolein	3.61	56	132346	259.776	ug/l	100
14) Allyl chloride	4.32	41	442852	50.702	ug/l	99
15) Acrylonitrile	4.99	53	541837	291.137	ug/l	99
16) Acetone	3.82	43	439759	228.855	ug/l	98
17) Carbon Disulfide	4.05	76	581955	47.114	ug/l	99
18) Methyl Acetate	4.33	43	249762	60.730	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	670742	54.908	ug/l	97
20) Methylene Chloride	4.55	84	260269	47.114	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	230148	49.675	ug/l	98
22) Diisopropyl ether	5.95	45	896284	51.479	ug/l	98
23) Vinyl Acetate	5.90	43	3427693	292.971	ug/l	99
24) 1,1-Dichloroethane	5.85	63	462939	49.434	ug/l	99
25) 2-Butanone	6.84	43	691571	278.769	ug/l	99
26) 2,2-Dichloropropane	6.83	77	308827	48.732	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	264622	49.547	ug/l	99
28) Bromochloromethane	7.19	49	236241	49.488	ug/l	98
29) Tetrahydrofuran	7.21	42	456373	299.200	ug/l	99
30) Chloroform	7.37	83	434154	48.737	ug/l	97
31) Cyclohexane	7.65	56	433444	49.423	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	363275	50.761	ug/l	99
36) 1,1-Dichloropropene	7.79	75	330557	52.173	ug/l	100
37) Ethyl Acetate	6.93	43	302544	59.169	ug/l	99
38) Carbon Tetrachloride	7.77	117	306813	51.712	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	364781	48.261	ug/l	98
40) Benzene	8.04	78	1004063	51.337	ug/l	100
41) Methacrylonitrile	7.17	41	130146	48.549	ug/l #	81
42) 1,2-Dichloroethane	8.13	62	349357	51.201	ug/l	100
43) Isopropyl Acetate	8.17	43	515049	62.204	ug/l	99
44) Trichloroethene	8.83	130	247713	50.111	ug/l	100
45) 1,2-Dichloropropane	9.12	63	277874	50.332	ug/l	95
46) Dibromomethane	9.21	93	160884	50.906	ug/l	99
47) Bromodichloromethane	9.40	83	328335	51.896	ug/l	98
48) Methyl methacrylate	9.20	41	239113	59.534	ug/l	97
49) 1,4-Dioxane	9.20	88	55568	1198.037	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1445383	303.363	ug/l	100
52) Toluene	10.16	92	588123	51.294	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	331498	57.094	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	395047	54.828	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	223116	52.783	ug/l	99
56) Ethyl methacrylate	10.43	69	325471	61.808	ug/l	99
57) 1,3-Dichloropropane	10.71	76	396083	53.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	505831	249.327	ug/l	100
59) 2-Hexanone	10.75	43	917145	304.749	ug/l	99
60) Dibromochloromethane	10.90	129	235984	54.200	ug/l	98
61) 1,2-Dibromoethane	11.00	107	221761	55.799	ug/l	100
64) Tetrachloroethene	10.63	164	240595	49.092	ug/l	99
65) Chlorobenzene	11.43	112	592186	48.294	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	227991	50.166	ug/l	99
67) Ethyl Benzene	11.51	91	1095411	50.150	ug/l	99
68) m/p-Xylenes	11.62	106	799149	102.009	ug/l	99
69) o-Xylene	11.95	106	394065	50.686	ug/l	100
70) Styrene	11.96	104	652416	54.137	ug/l	99
71) Bromoform	12.13	173	152131	56.095	ug/l #	99
73) Isopropylbenzene	12.25	105	1047661	51.780	ug/l	100
74) N-amyl acetate	12.07	43	386488	59.440	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	289653	56.814	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	342152	66.874	ug/l #	100
77) Bromobenzene	12.53	156	257600	46.268	ug/l	99
78) n-propylbenzene	12.59	91	1161372	45.919	ug/l	100
79) 2-Chlorotoluene	12.67	91	718135	44.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	869217	46.041	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	71991	53.340	ug/l	97
82) 4-Chlorotoluene	12.77	91	687924	46.817	ug/l	100
83) tert-Butylbenzene	12.99	119	731215	51.616	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	853061	47.881	ug/l	98
85) sec-Butylbenzene	13.17	105	950481	44.501	ug/l	99
86) p-Isopropyltoluene	13.29	119	831033	47.227	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	419178	49.045	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	402035	48.315	ug/l	99
89) n-Butylbenzene	13.61	91	672215	51.539	ug/l	99
90) Hexachloroethane	13.87	117	136221	43.650	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	409707	46.671	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41569	54.281	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

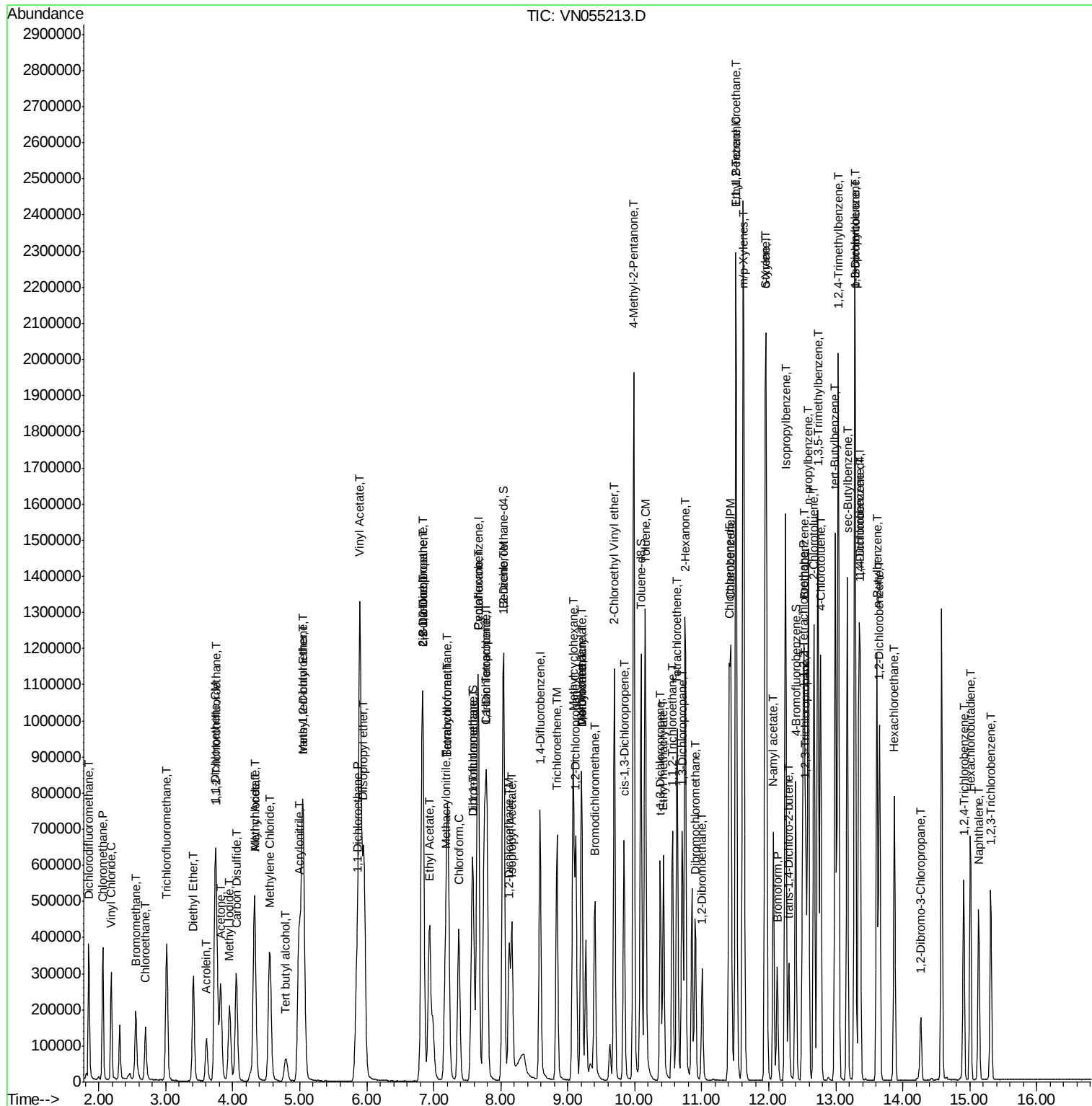
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179855	48.577	ug/l	100
94) Hexachlorobutadiene	15.01	225	138089	54.234	ug/l	97
95) Naphthalene	15.13	128	404959	49.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	180898	49.151	ug/l	98

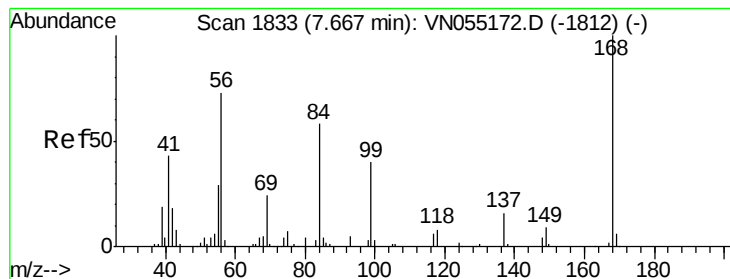
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

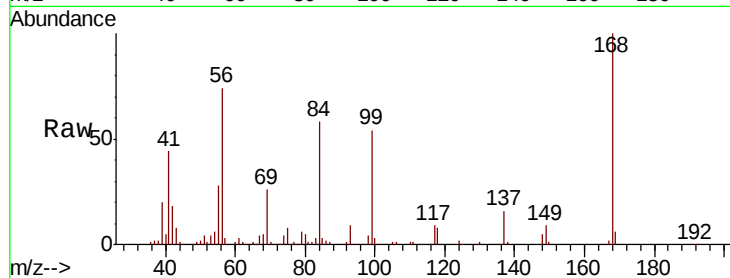
VSTDCCC050EC

Tgt Ion:168 Resp: 429448

Ion Ratio Lower Upper

168 100

99 54.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

0

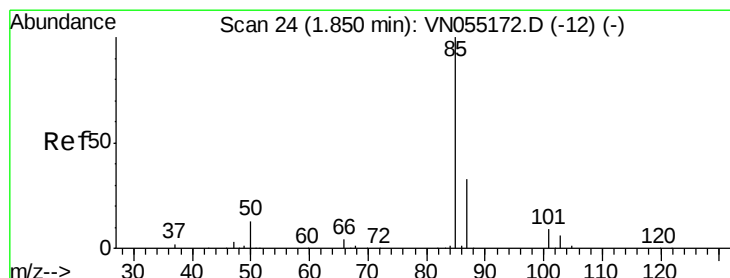
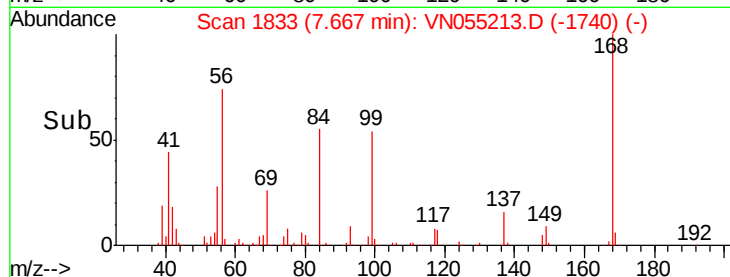
7.67

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.334 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055213.D

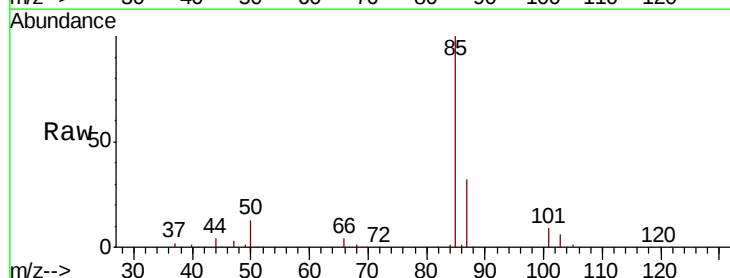
Acq: 23 Apr 2019 18:11

Tgt Ion: 85 Resp: 289373

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

250000

200000

150000

100000

50000

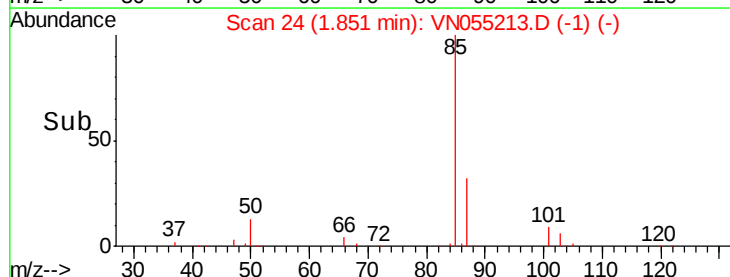
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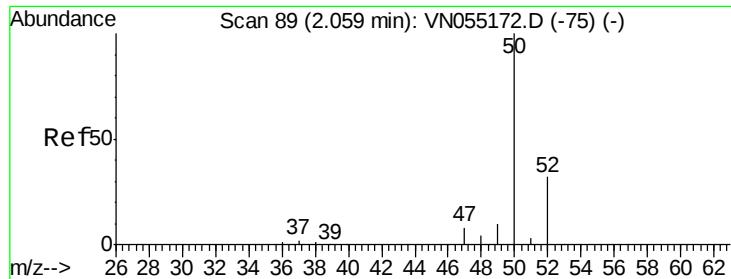
1.85

1.80

1.90

Time-->





#3

Chloromethane

Concen: 49.175 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

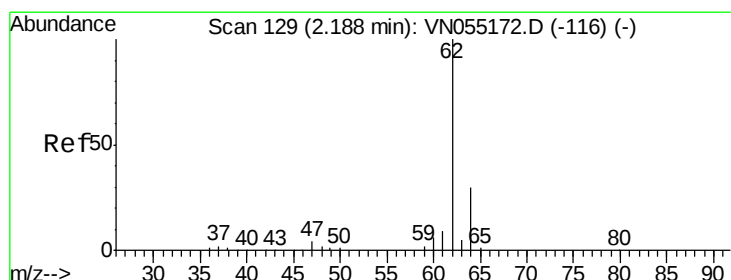
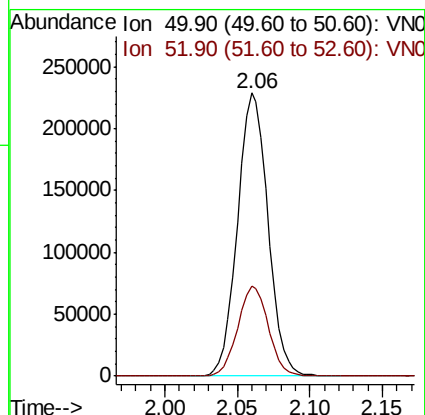
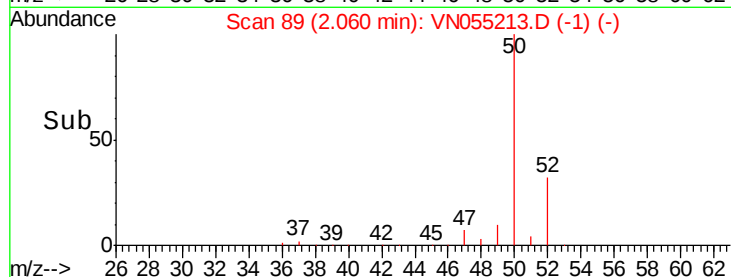
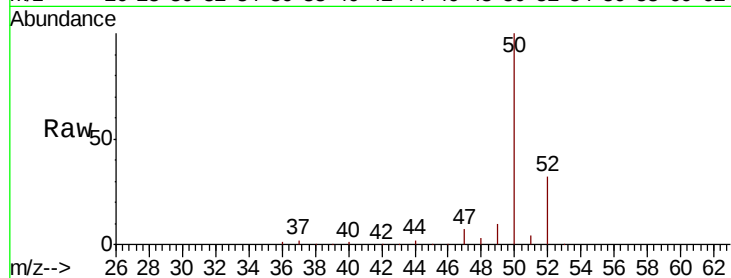
VSTDCCC050EC

Tgt Ion: 50 Resp: 333180

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.6



#4

Vinyl Chloride

Concen: 48.367 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055213.D

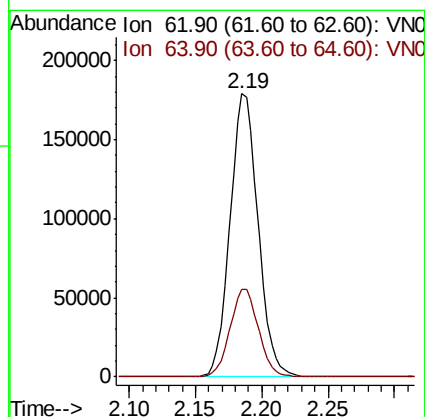
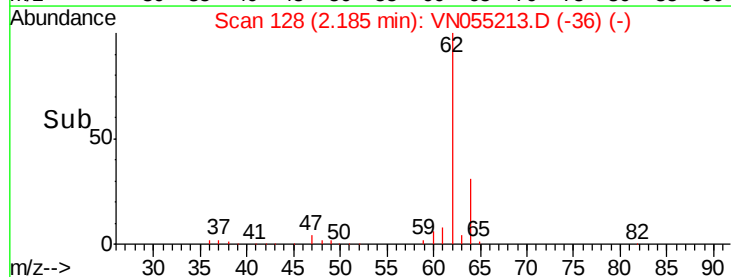
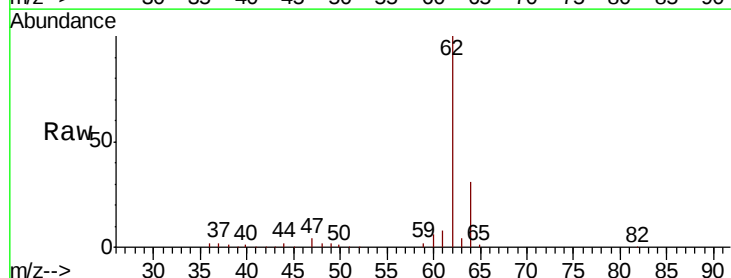
Acq: 23 Apr 2019 18:11

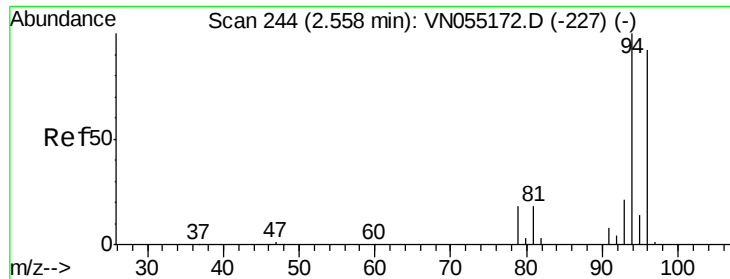
Tgt Ion: 62 Resp: 262591

Ion Ratio Lower Upper

62 100

64 31.1 24.2 36.4

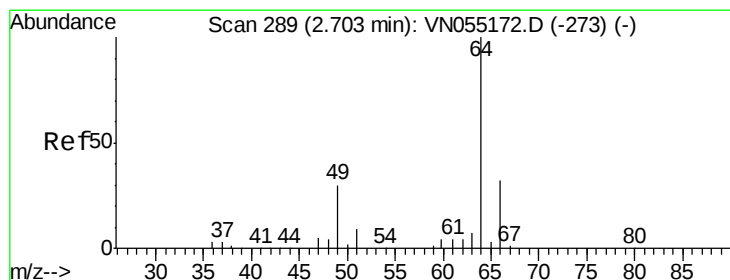
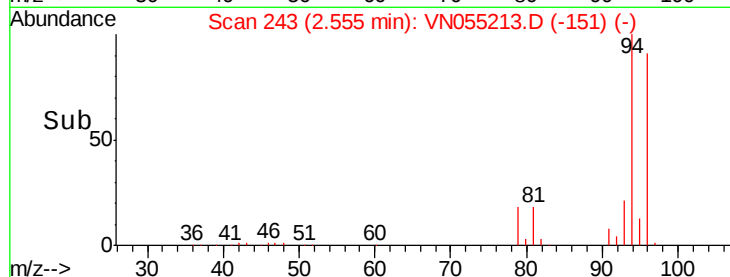
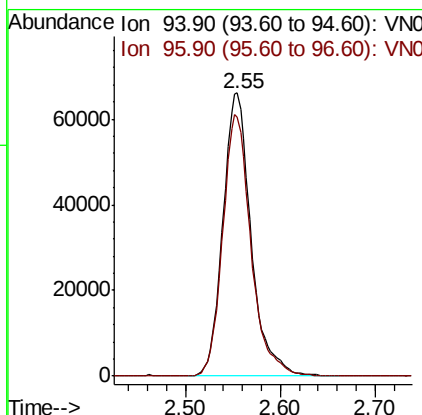
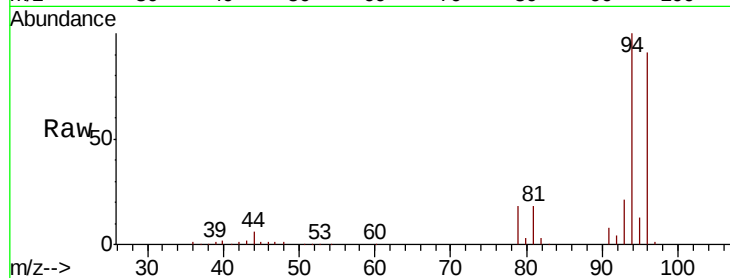




#5
Bromomethane
Concen: 43.425 ug/l
RT: 2.55 min Scan# 243
Delta R.T. -0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

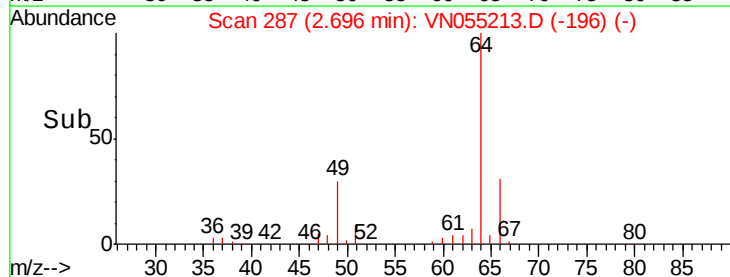
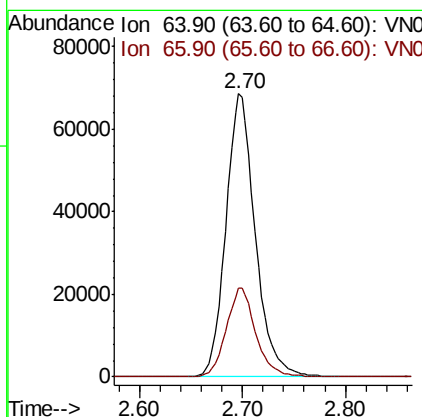
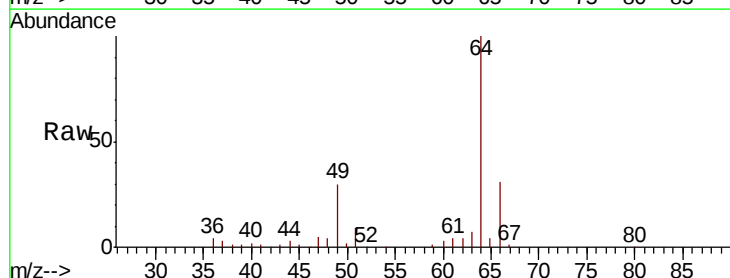
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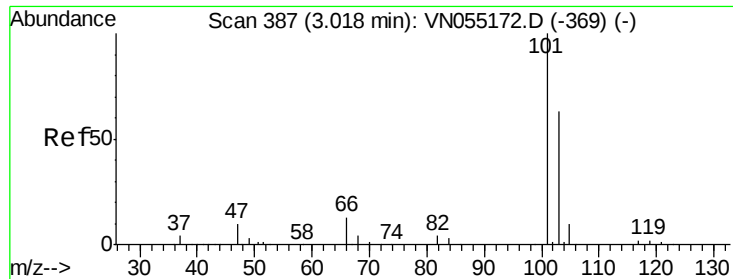
Tgt Ion: 94 Resp: 136723
Ion Ratio Lower Upper
94 100
96 91.3 73.4 110.2



#6
Chloroethane
Concen: 47.447 ug/l
RT: 2.70 min Scan# 287
Delta R.T. -0.01 min
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Acq: 23 Apr 2019 18:11

Tgt Ion: 64 Resp: 135768
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9



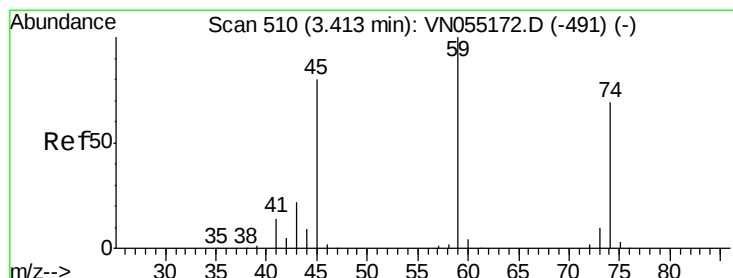
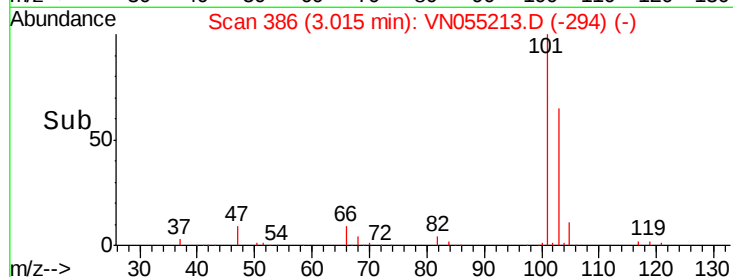
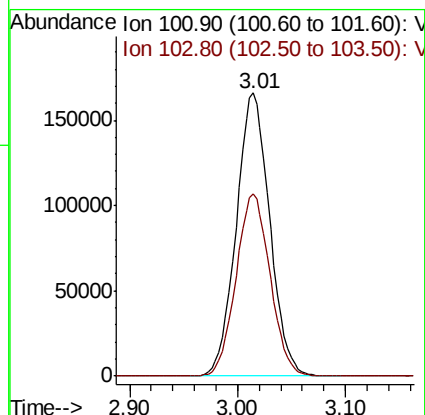
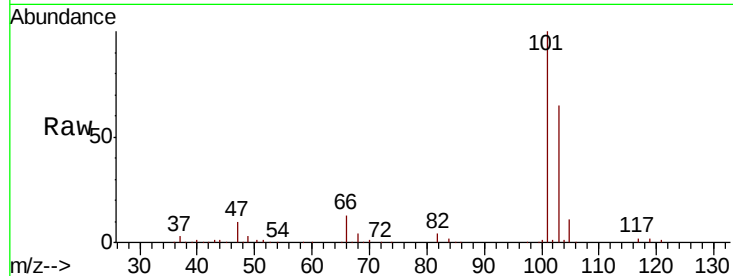


#7

Trichlorofluoromethane
Concen: 48.573 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

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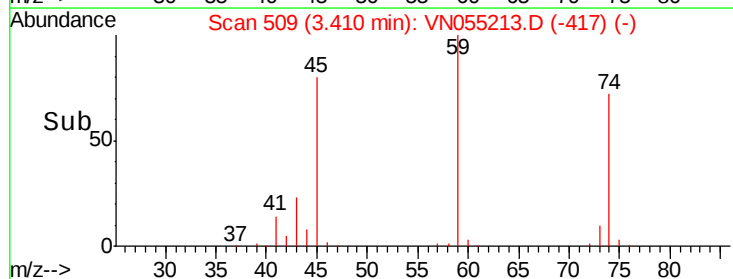
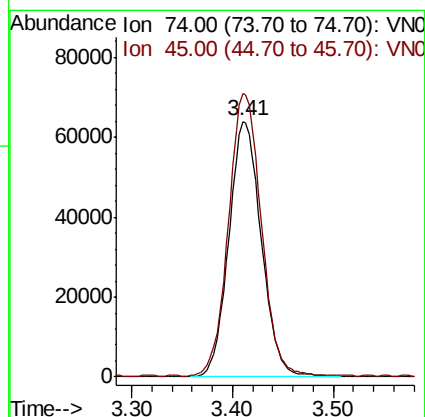
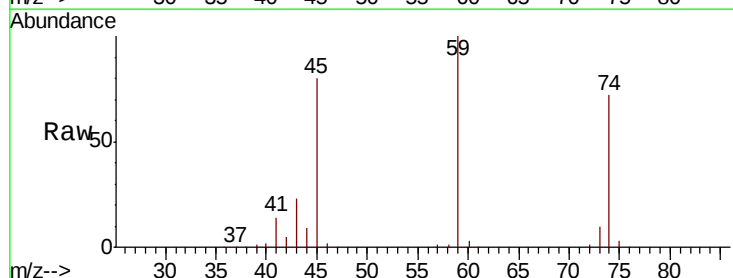
Tgt Ion:101 Resp: 358867
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

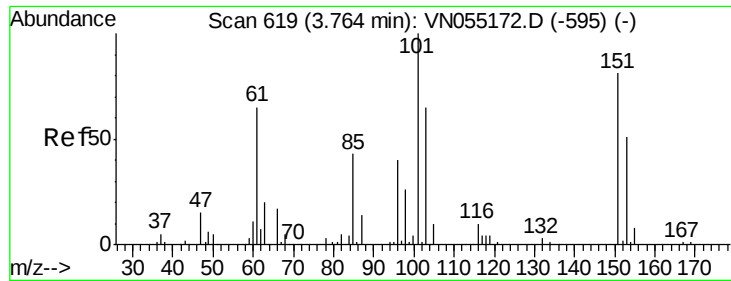


#8

Diethyl Ether
Concen: 54.341 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 74 Resp: 143299
Ion Ratio Lower Upper
74 100
45 111.5 56.9 170.6

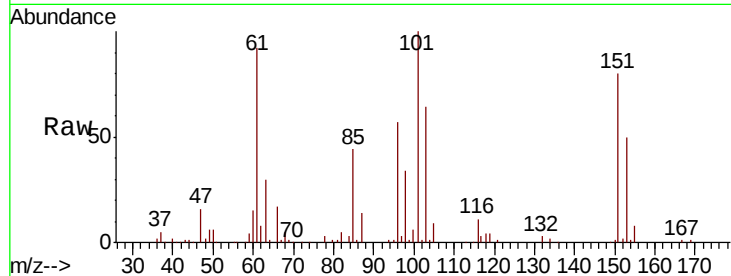




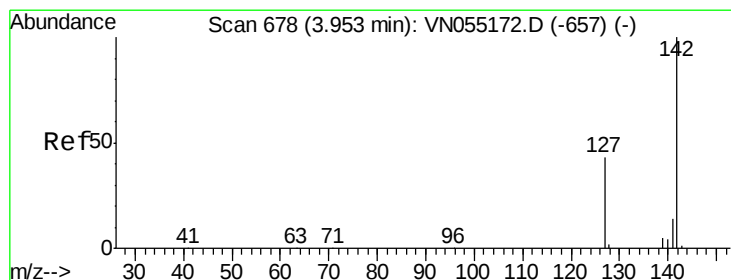
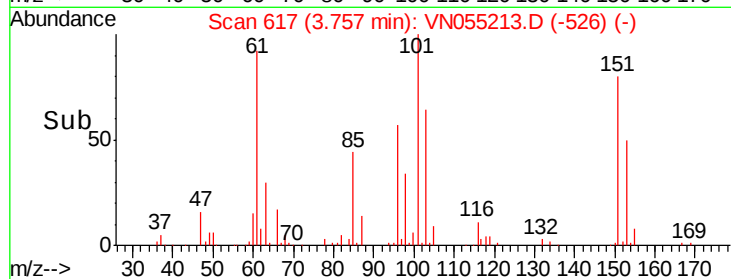
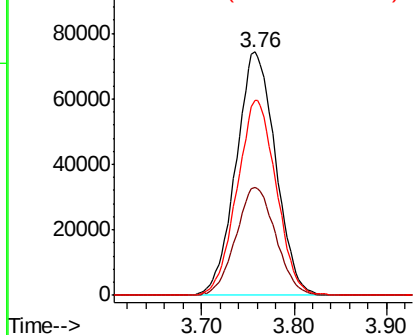
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.667 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 219758
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.9 52.3
 151 79.5 63.8 95.8

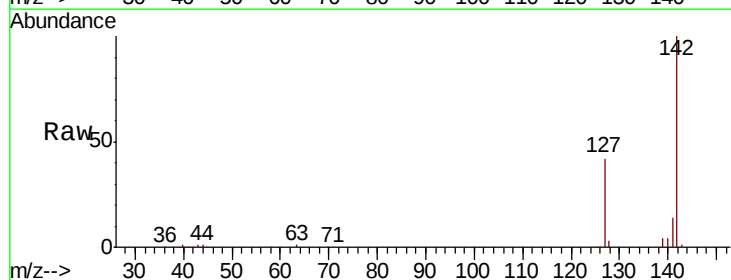


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

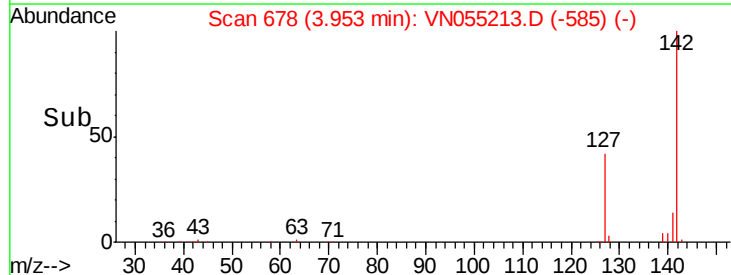
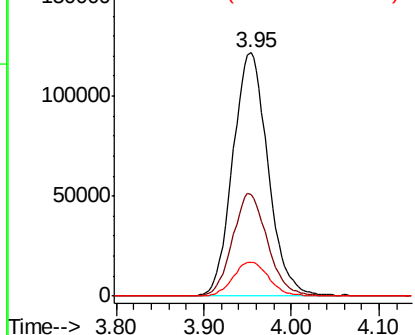


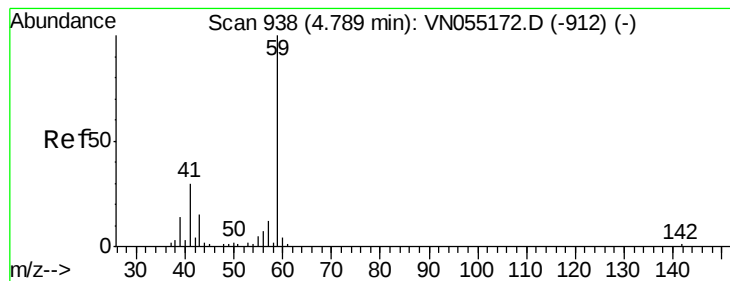
#10
 Methyl Iodide
 Concen: 52.688 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:142 Resp: 340635
 Ion Ratio Lower Upper
 142 100
 127 41.8 34.1 51.1
 141 14.2 11.4 17.2



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



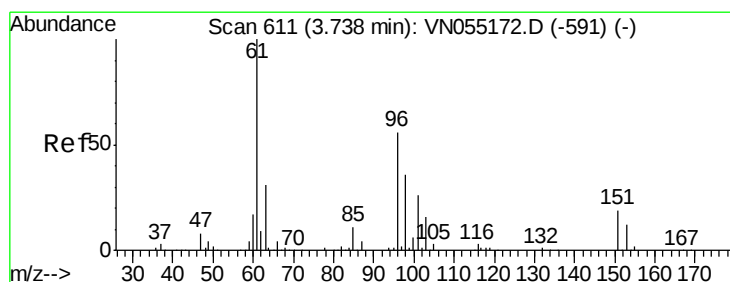
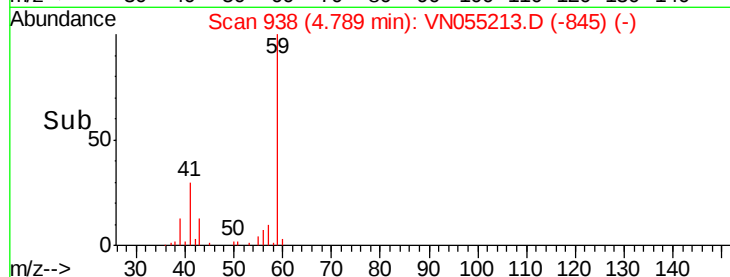
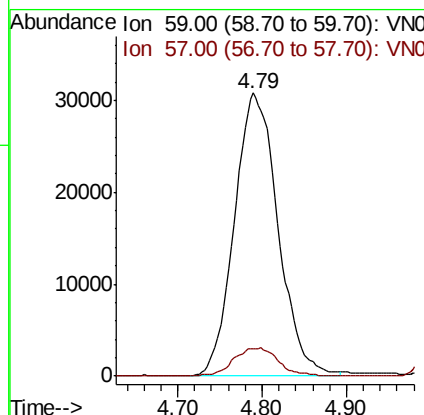
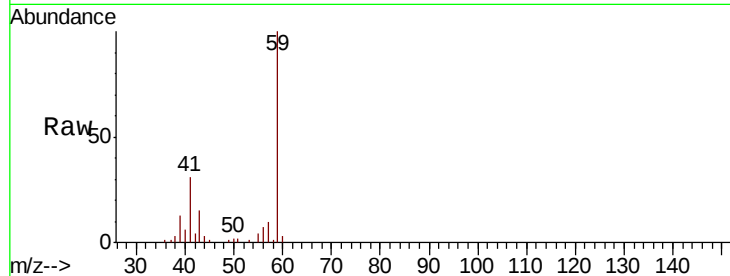


#11

Tert butyl alcohol
 Concen: 326.268 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

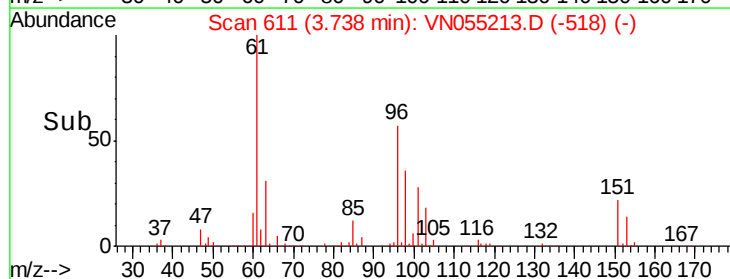
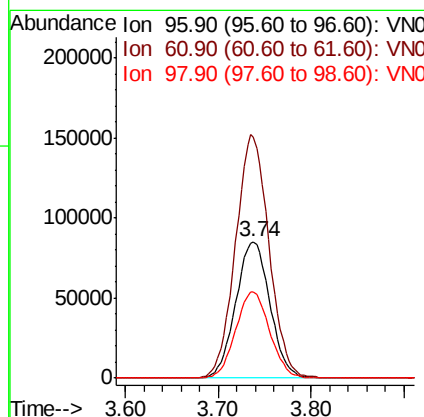
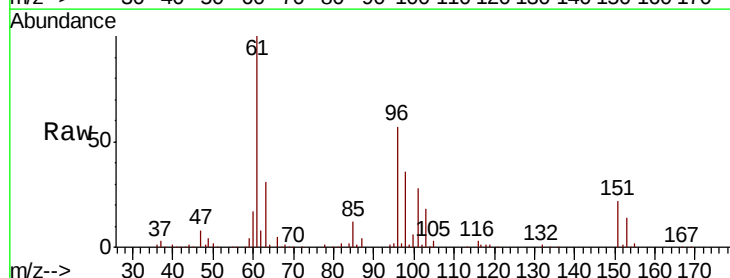
Tgt Ion: 59 Resp: 110720
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.8 13.2

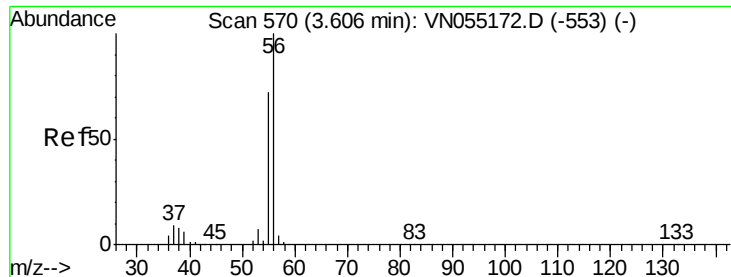


#12

1,1-Dichloroethene
 Concen: 49.495 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 96 Resp: 218681
 Ion Ratio Lower Upper
 96 100
 61 176.8 142.1 213.1
 98 63.2 51.2 76.8





#13

Acrolein

Concen: 259.776 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

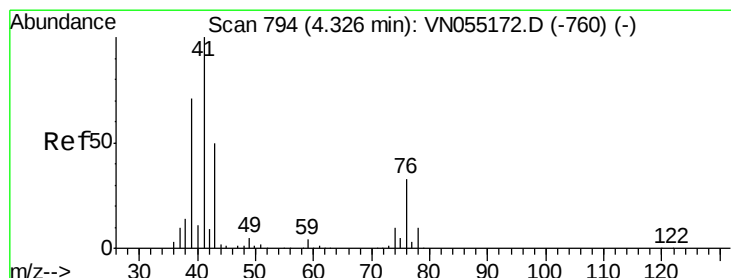
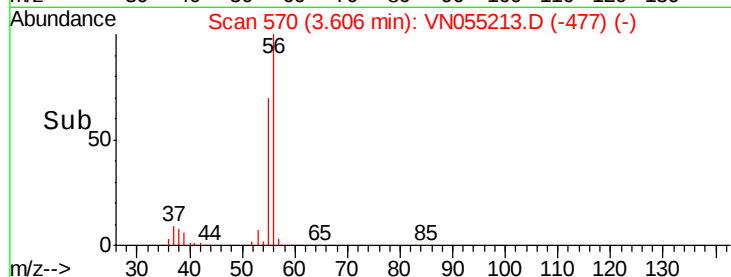
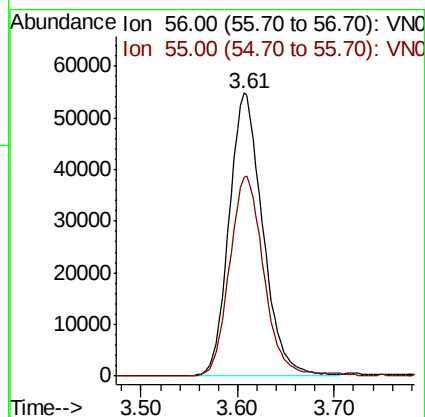
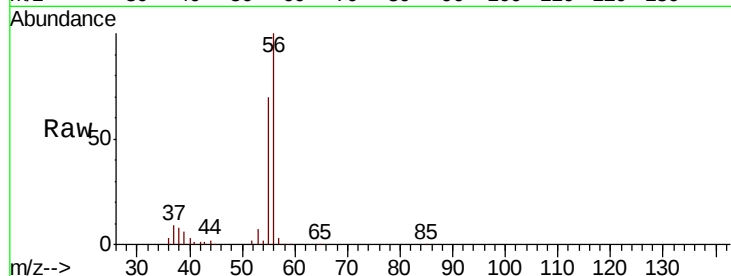
VSTDCCC050EC

Tgt Ion: 56 Resp: 132346

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.0



#14

Allyl chloride

Concen: 50.702 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

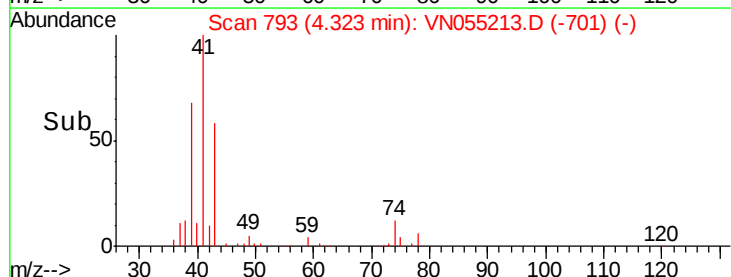
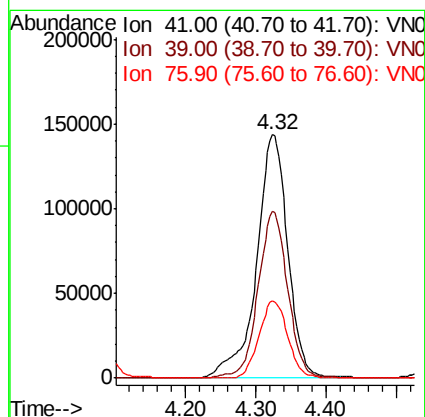
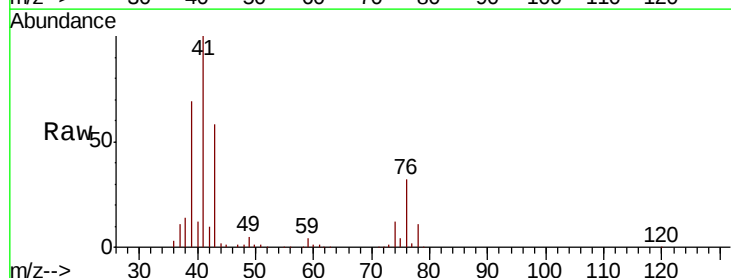
Tgt Ion: 41 Resp: 442852

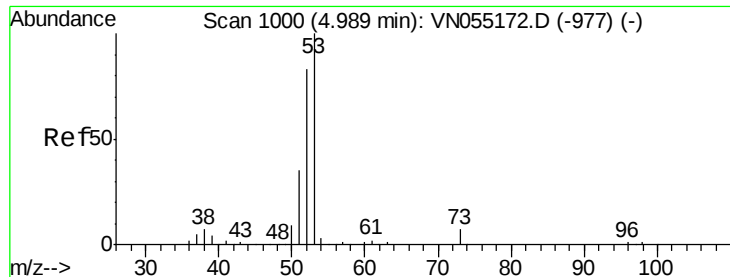
Ion Ratio Lower Upper

41 100

39 64.9 52.9 79.3

76 29.2 23.6 35.4





#15

Acrylonitrile

Concen: 291.137 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

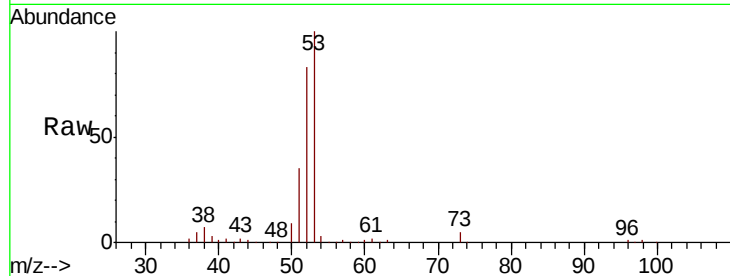
Tgt Ion: 53 Resp: 541837

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.8

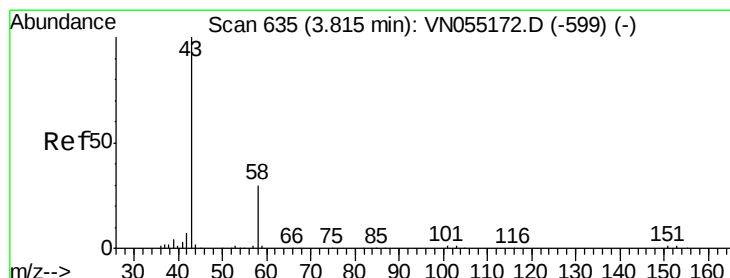
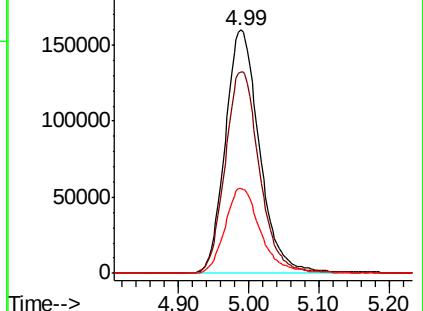
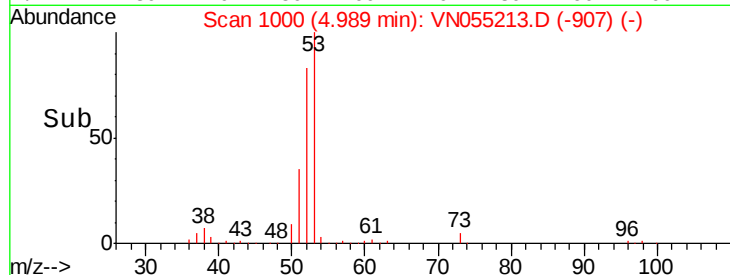
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN055213.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055213.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055213.D (-907) (-)



#16

Acetone

Concen: 228.855 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055213.D

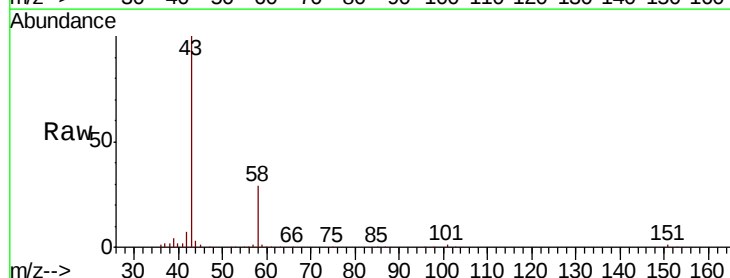
Acq: 23 Apr 2019 18:11

Tgt Ion: 43 Resp: 439759

Ion Ratio Lower Upper

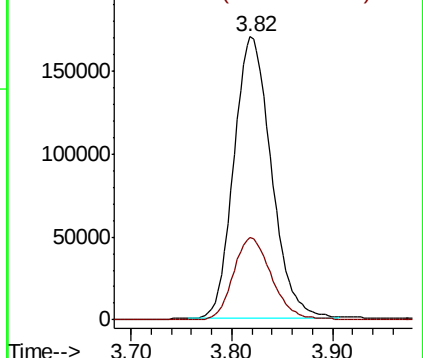
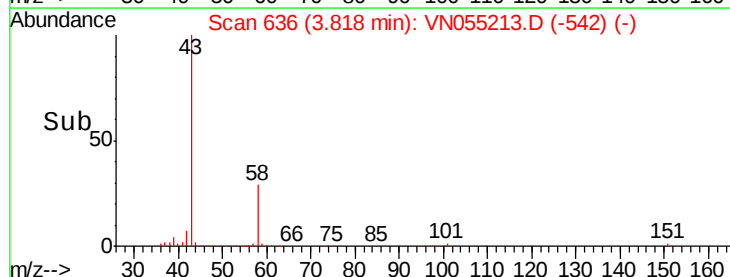
43 100

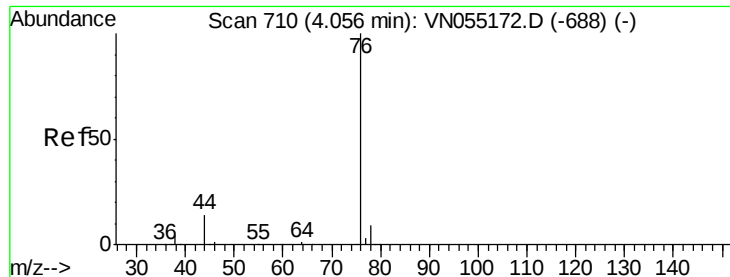
58 28.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055213.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN055213.D (-542) (-)

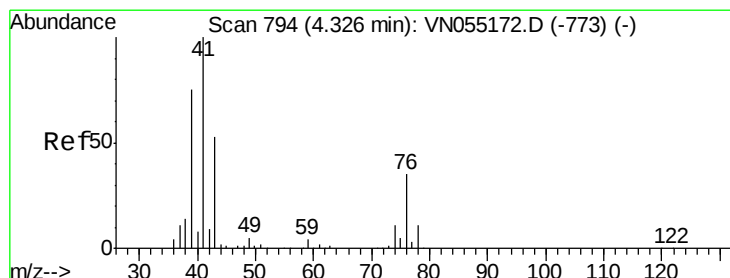
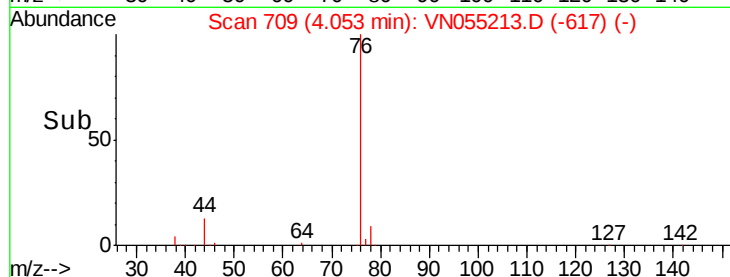
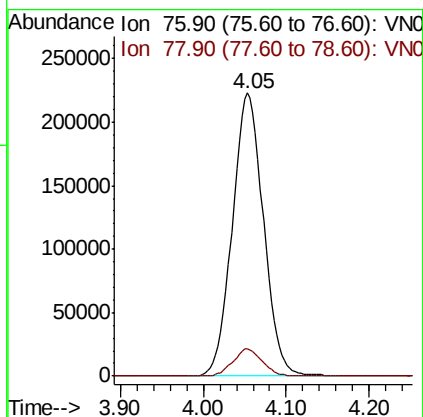
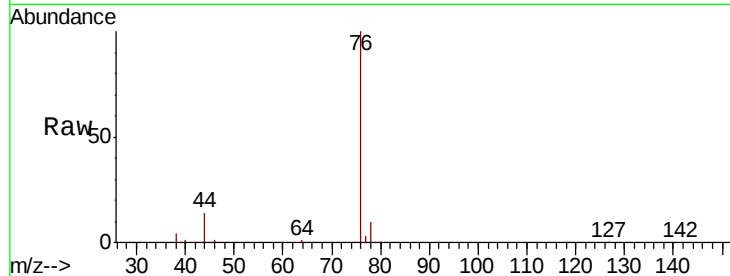




#17
Carbon Disulfide
Concen: 47.114 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

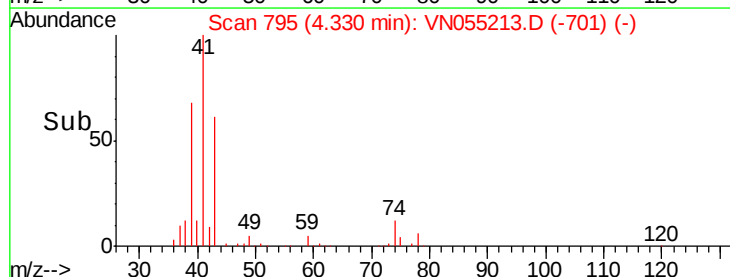
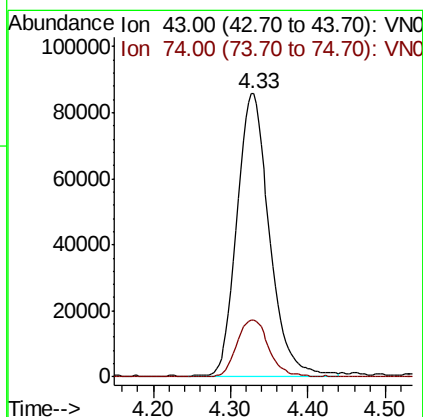
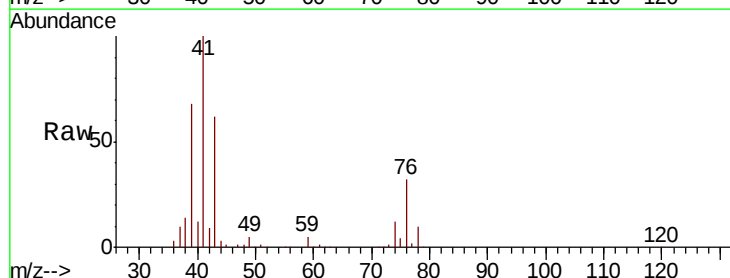
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

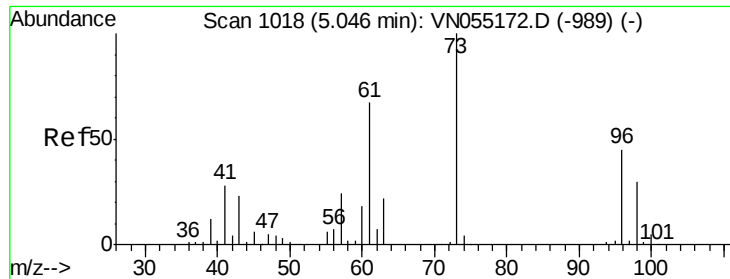
Tgt Ion: 76 Resp: 581955
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 60.730 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 43 Resp: 249762
Ion Ratio Lower Upper
43 100
74 20.0 16.7 25.1

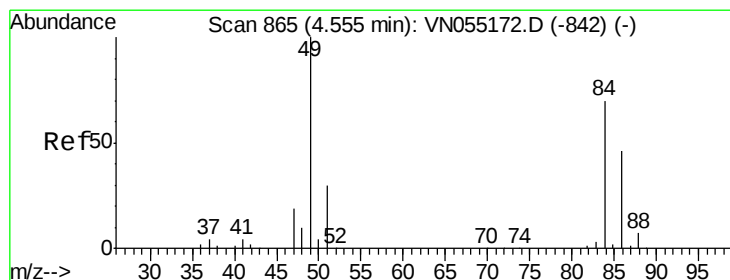
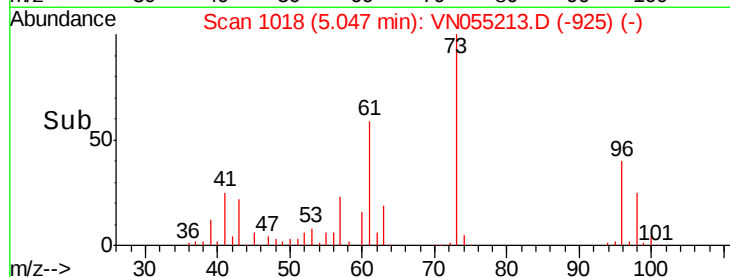
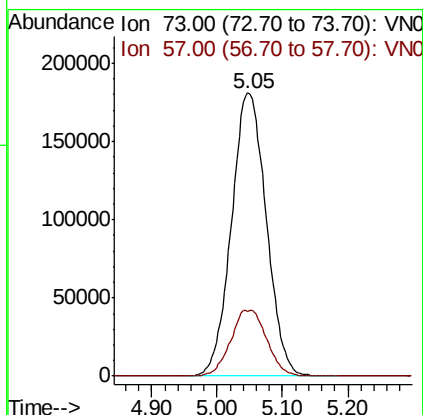
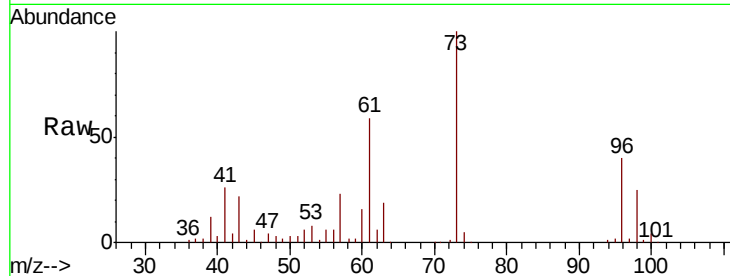




#19
Methyl tert-butyl Ether
Concen: 54.908 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

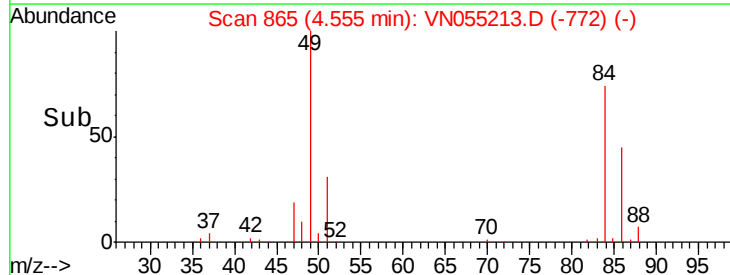
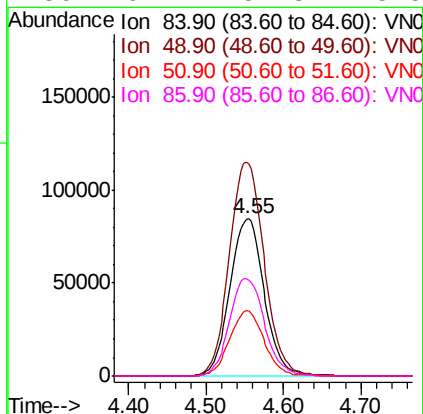
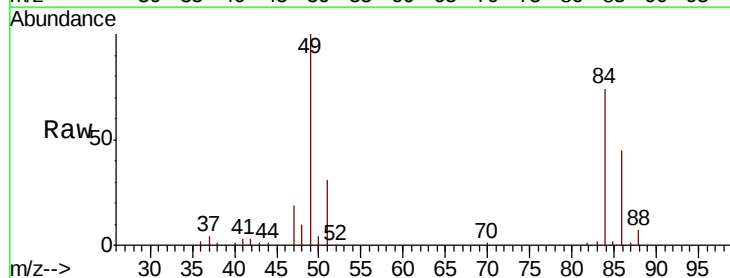
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

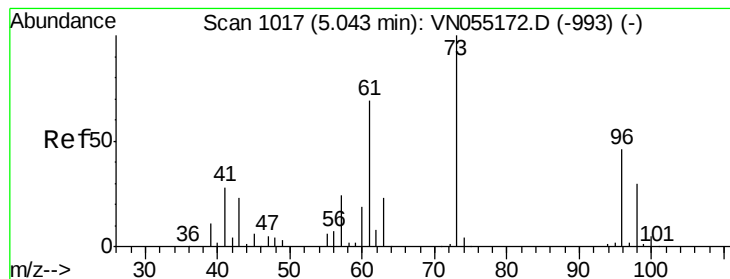
Tgt Ion: 73 Resp: 670742
Ion Ratio Lower Upper
73 100
57 23.0 19.5 29.3



#20
Methylene Chloride
Concen: 47.114 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 84 Resp: 260269
Ion Ratio Lower Upper
84 100
49 135.2 113.8 170.6
51 41.4 34.0 51.0
86 61.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.675 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

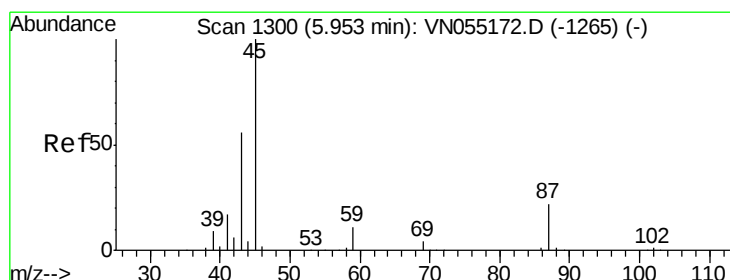
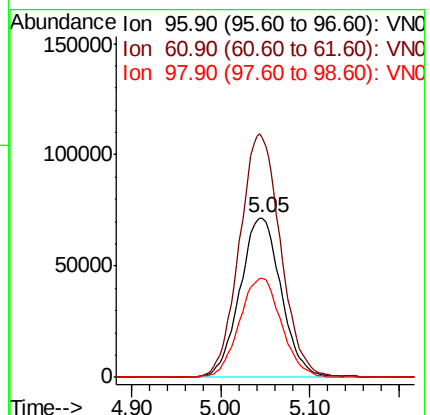
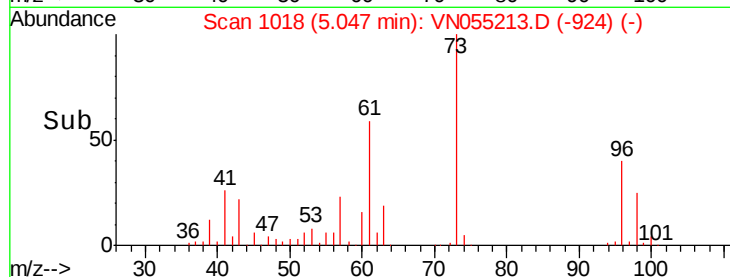
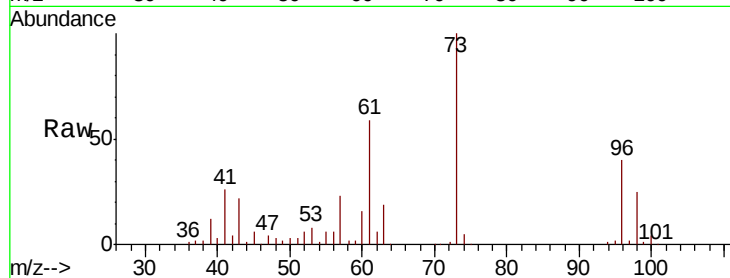
Tgt Ion: 96 Resp: 230148

Ion Ratio Lower Upper

96 100

61 150.2 119.3 178.9

98 62.3 53.0 79.4



#22

Diisopropyl ether

Concen: 51.479 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Tgt Ion: 45 Resp: 896284

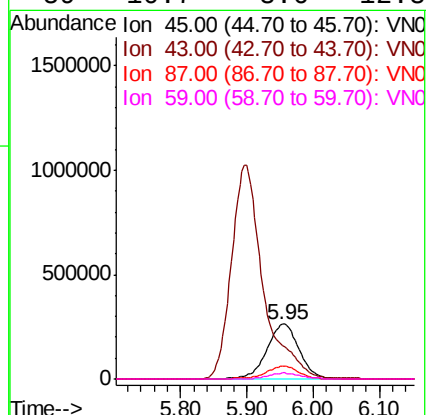
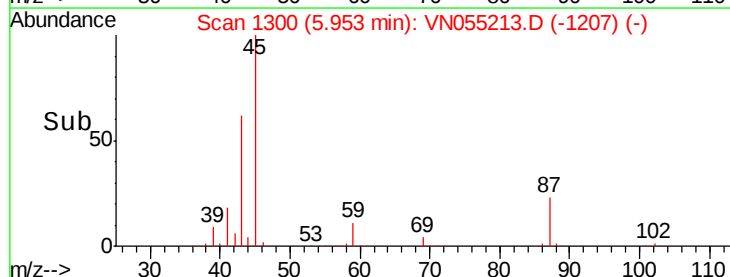
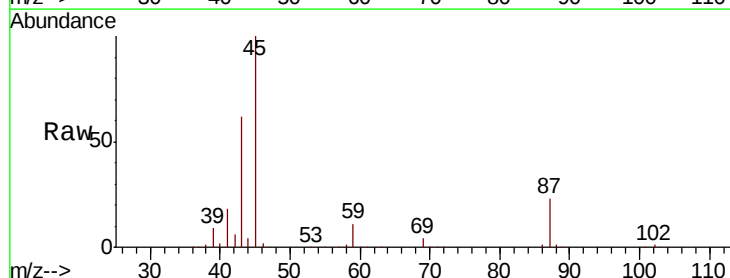
Ion Ratio Lower Upper

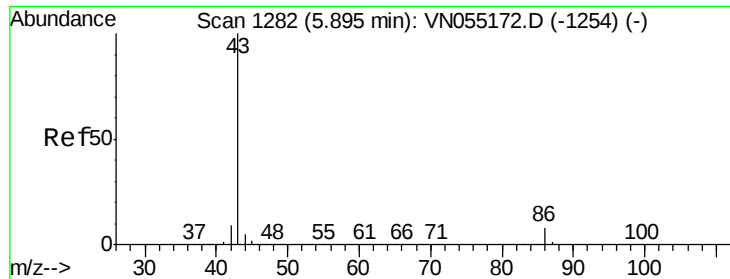
45 100

43 61.8 47.4 71.0

87 23.2 18.4 27.6

59 10.7 8.6 12.8





#23

Vinyl Acetate

Concen: 292.971 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

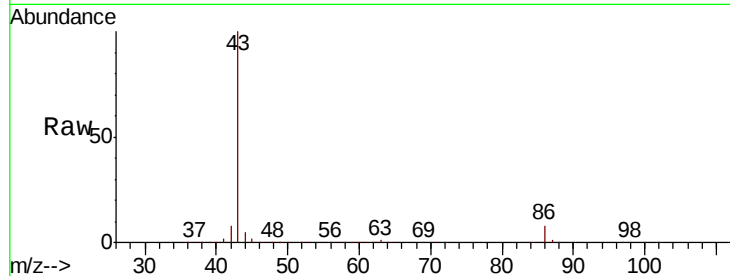
VSTDCCC050EC

Tgt Ion: 43 Resp: 3427693

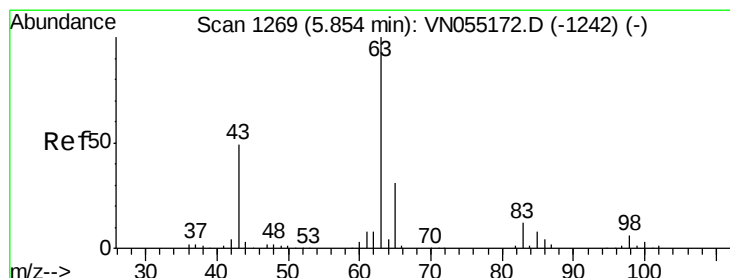
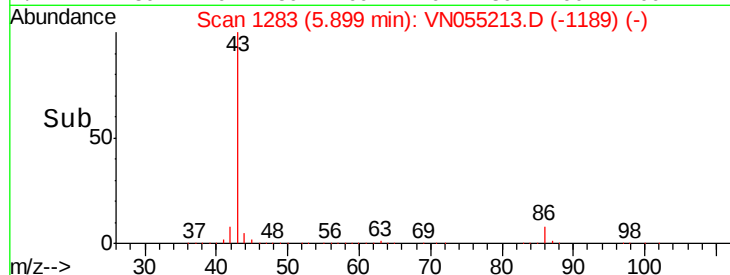
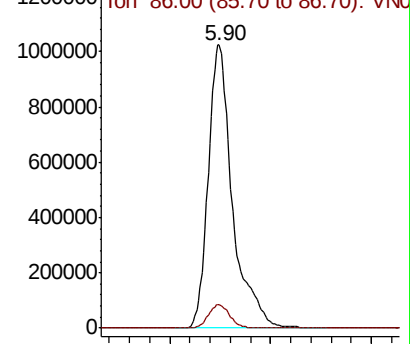
Ion Ratio Lower Upper

43 100

86 8.3 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN055213.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 49.434 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

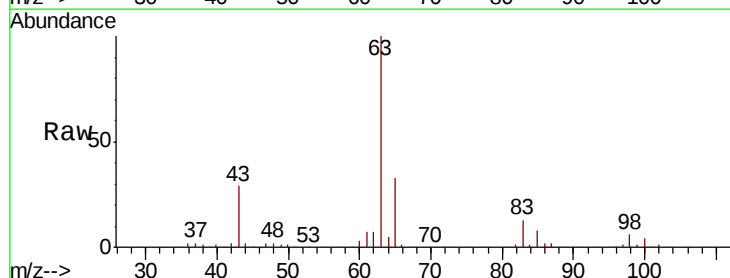
Tgt Ion: 63 Resp: 462939

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

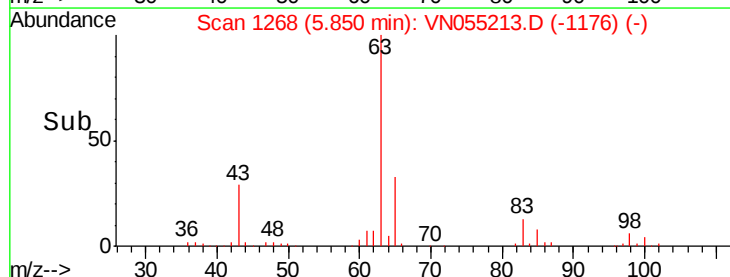
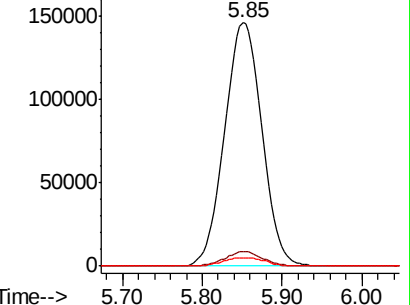
100 3.6 1.8 5.3

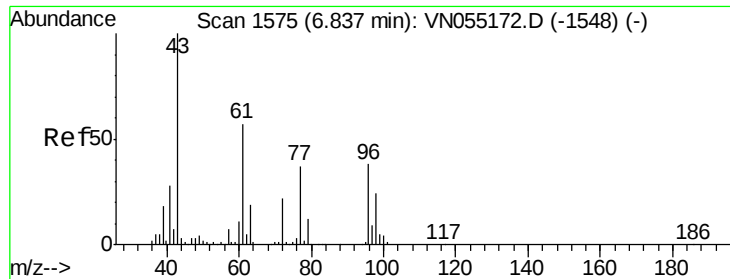


Abundance Ion 62.90 (62.60 to 63.60): VN055213.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN055213.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN055213.D (-1176) (-)

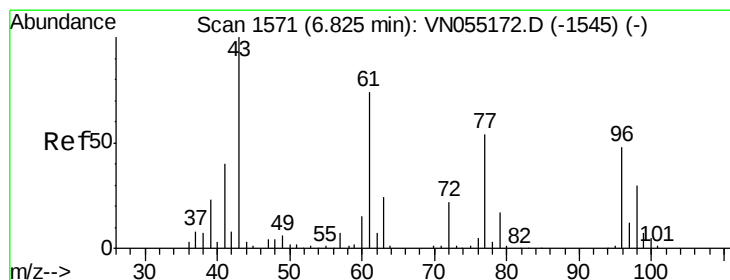
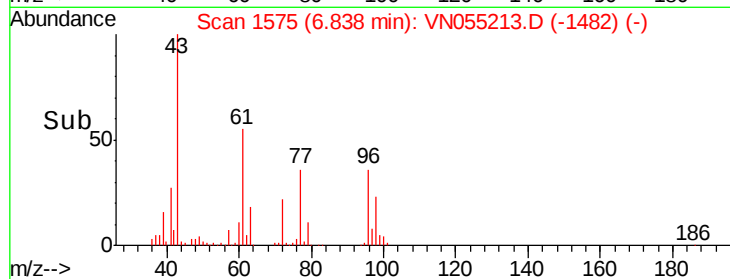
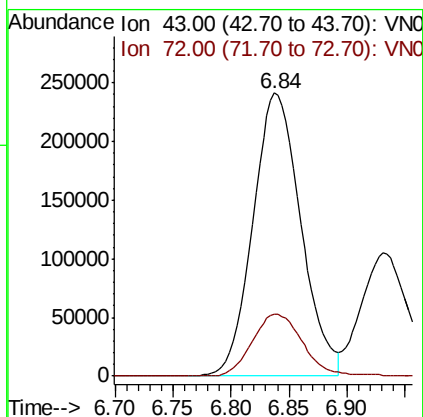
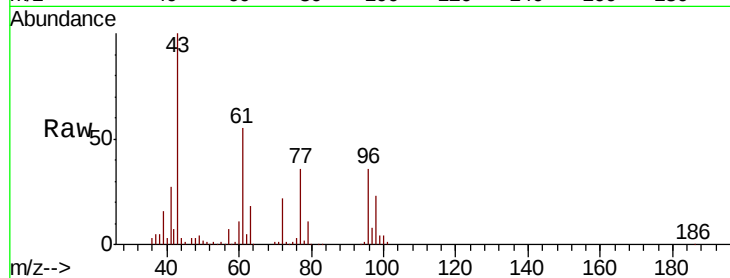




#25
2-Butanone
Concen: 278.769 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

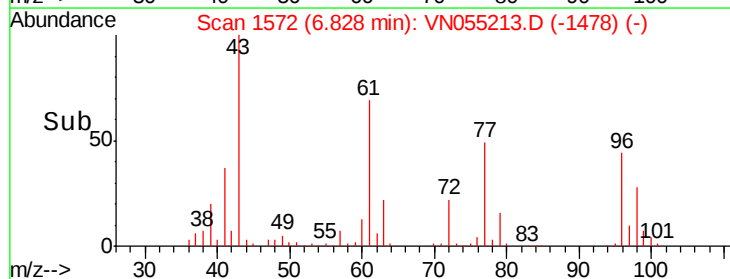
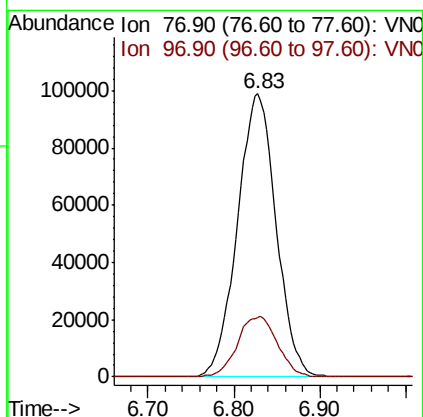
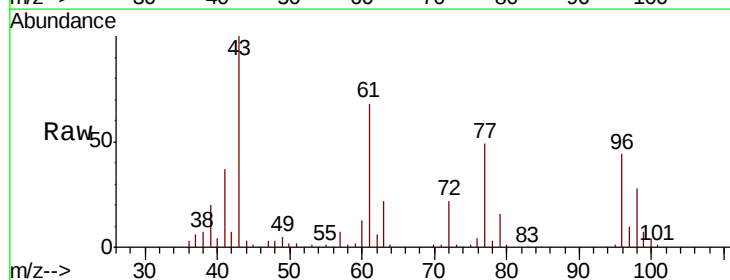
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

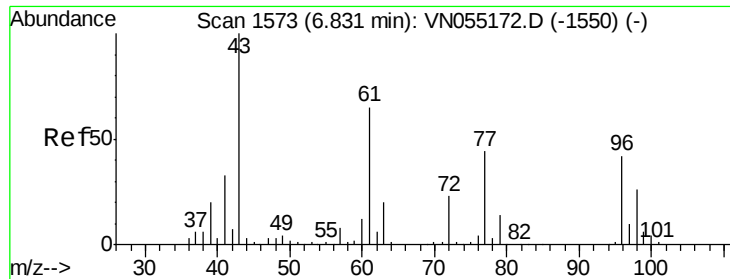
Tgt Ion: 43 Resp: 691571
Ion Ratio Lower Upper
43 100
72 22.0 17.8 26.8



#26
2,2-Dichloropropane
Concen: 48.732 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 77 Resp: 308827
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8

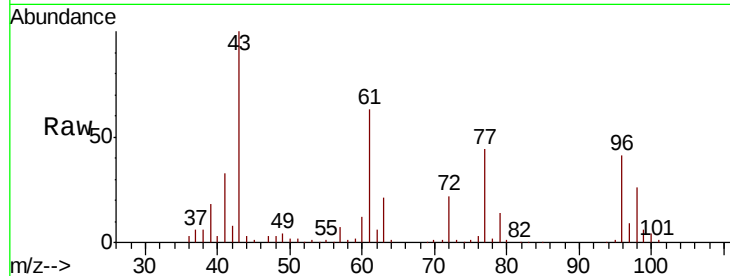




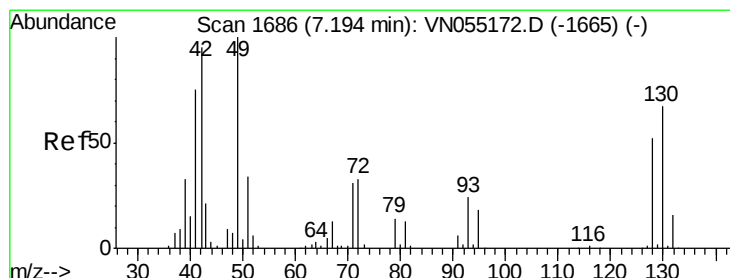
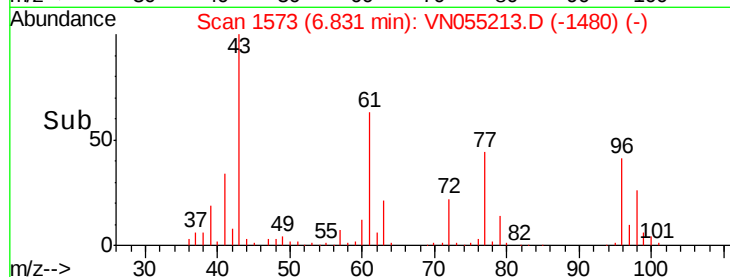
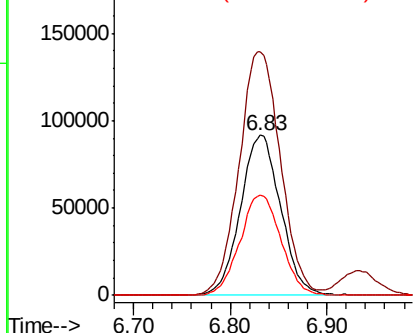
#27
 cis-1,2-Dichloroethene
 Concen: 49.547 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 264622
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 310.8
 98 63.9 0.0 127.4

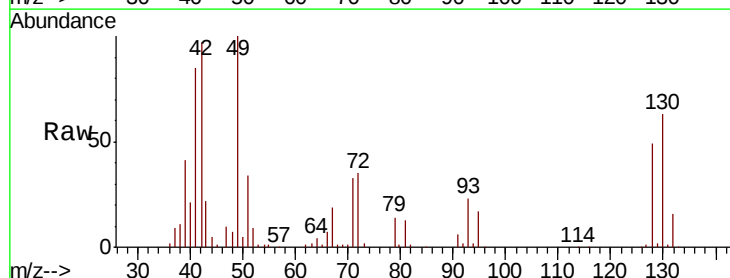


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

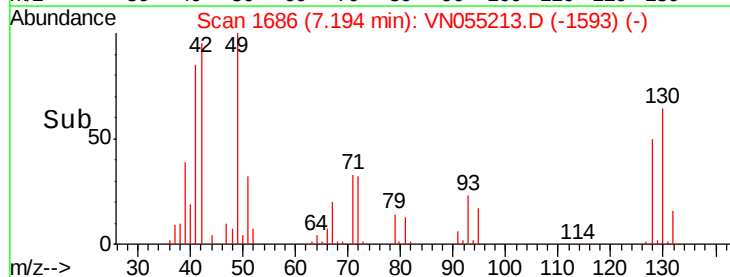
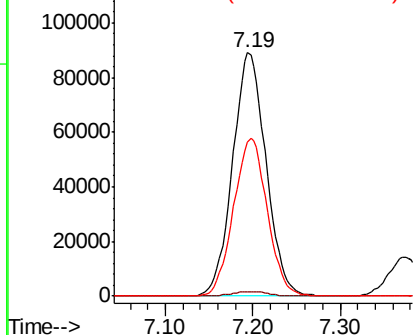


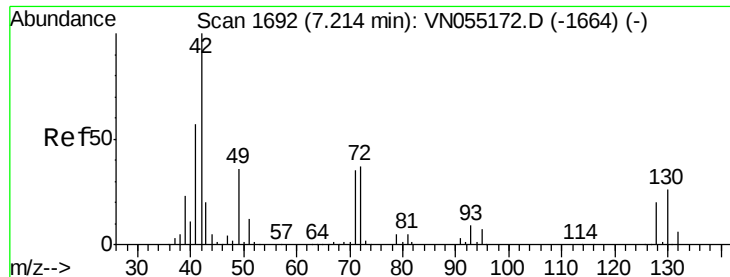
#28
 Bromochloromethane
 Concen: 49.488 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 49 Resp: 236241
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 65.4 53.4 80.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 299.200 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

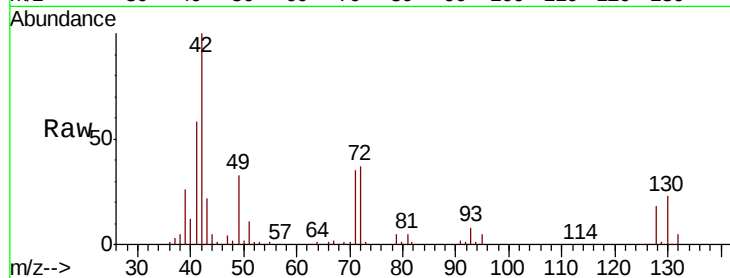
Tgt Ion: 42 Resp: 456373

Ion Ratio Lower Upper

42 100

72 36.2 29.4 44.2

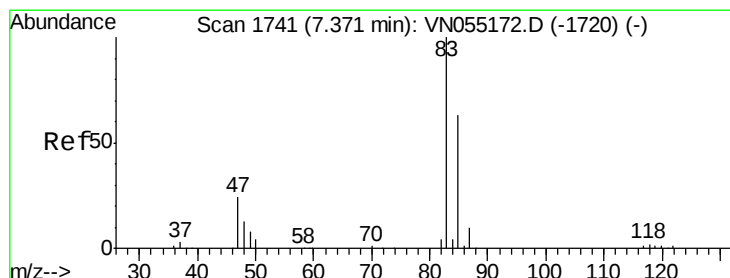
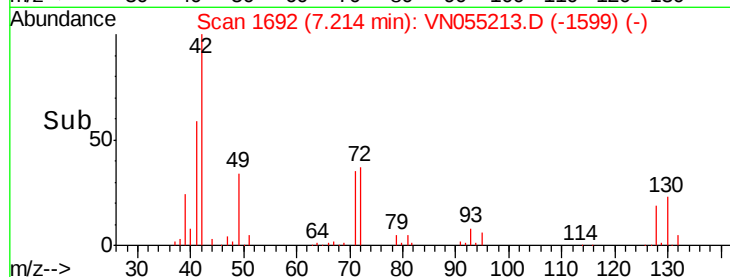
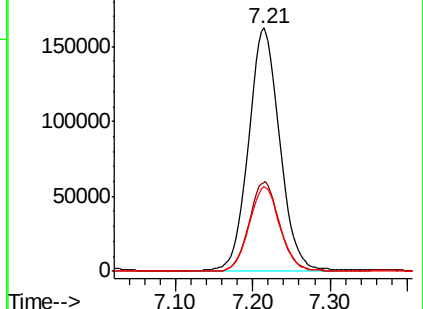
71 34.5 27.8 41.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.737 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055213.D

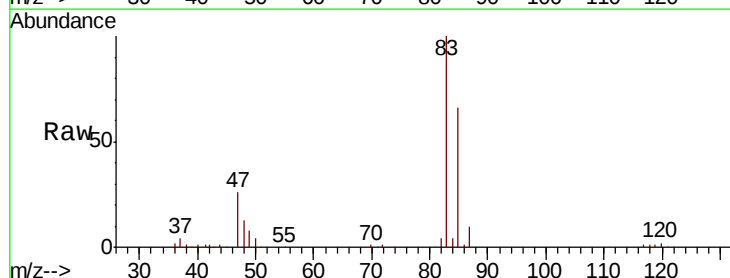
Acq: 23 Apr 2019 18:11

Tgt Ion: 83 Resp: 434154

Ion Ratio Lower Upper

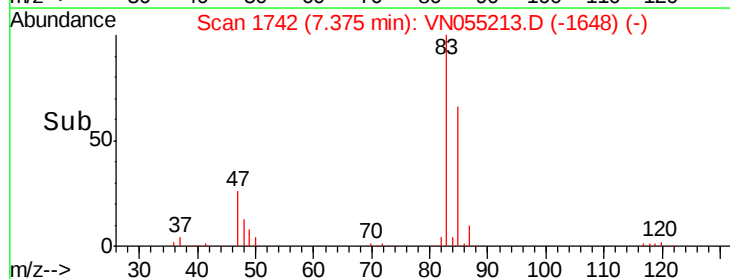
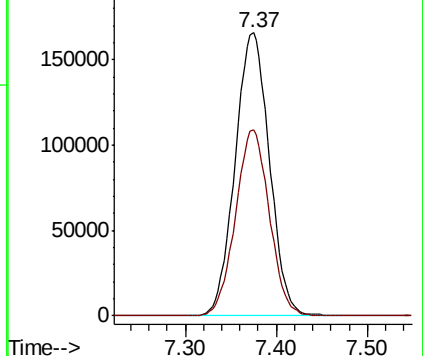
83 100

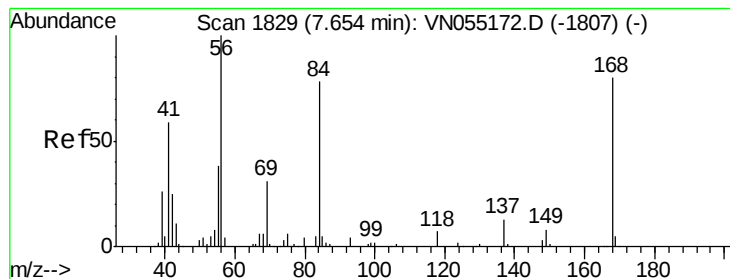
85 65.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.423 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

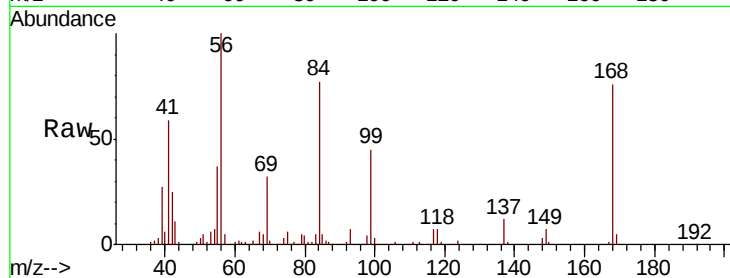
Tgt Ion: 56 Resp: 433444

Ion Ratio Lower Upper

56 100

69 31.7 24.6 37.0

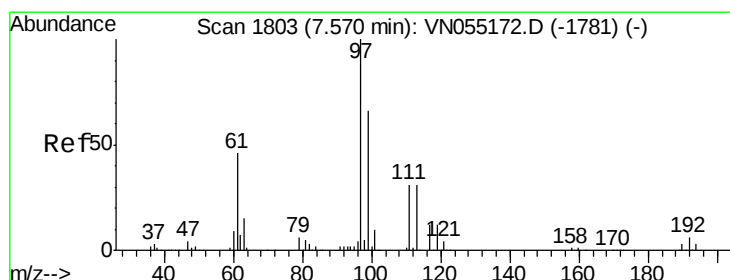
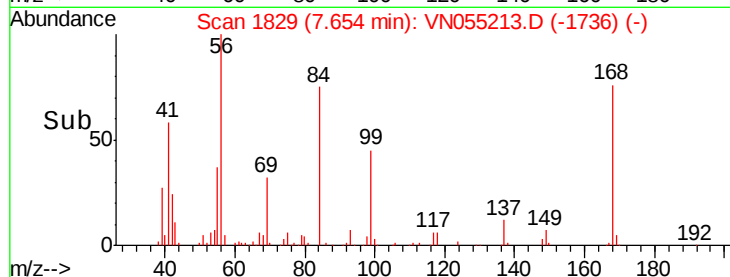
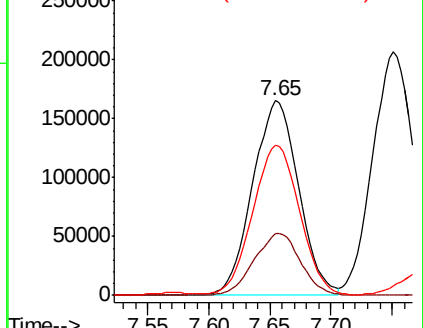
84 76.1 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VN055213.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN055213.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN055213.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 50.761 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

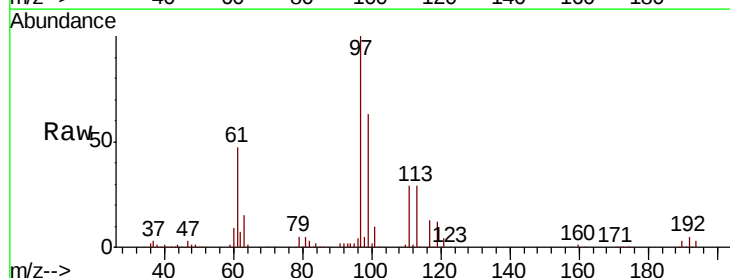
Tgt Ion: 97 Resp: 363275

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

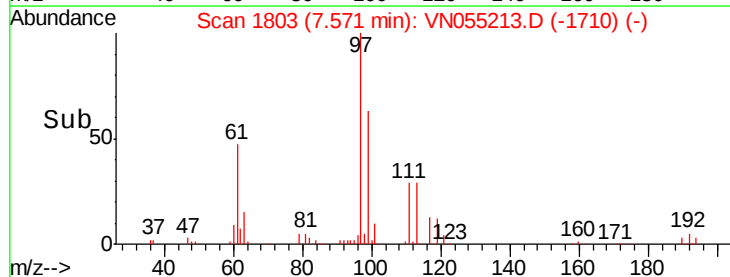
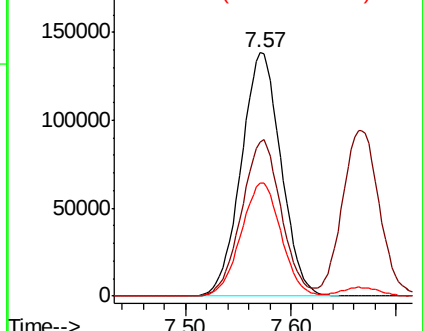
61 46.9 38.3 57.5

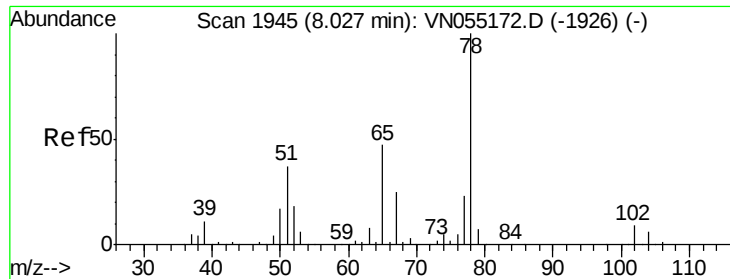


Abundance Ion 96.90 (96.60 to 97.60): VN055213.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055213.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055213.D (-1710) (-)

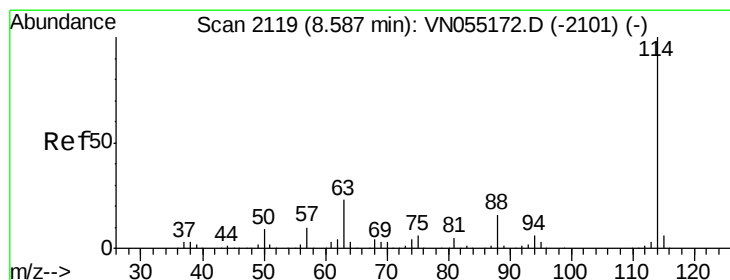
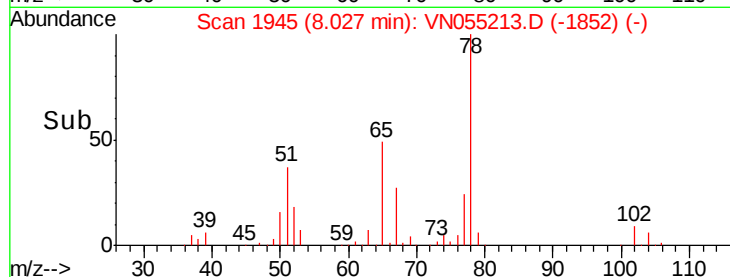
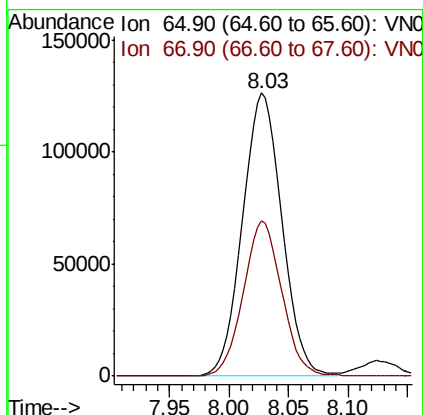
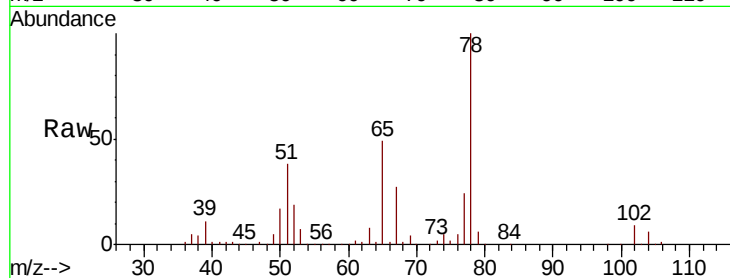




#33
 1,2-Dichloroethane-d4
 Concen: 49.972 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

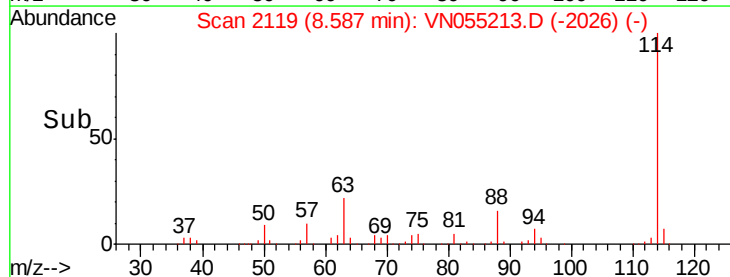
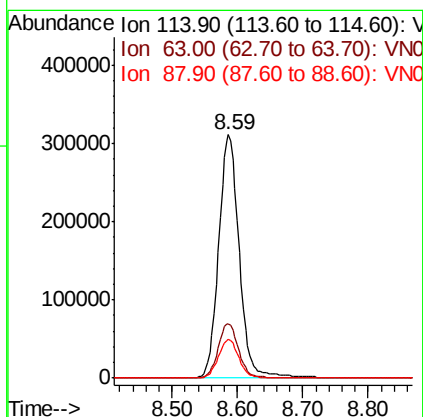
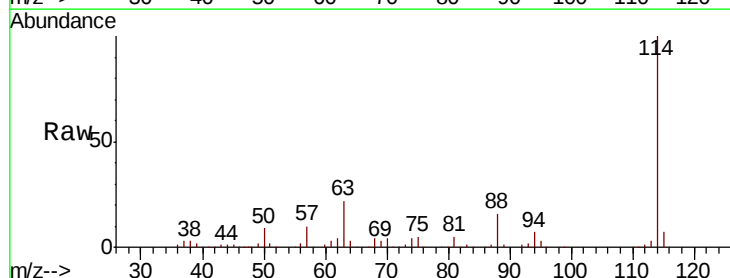
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

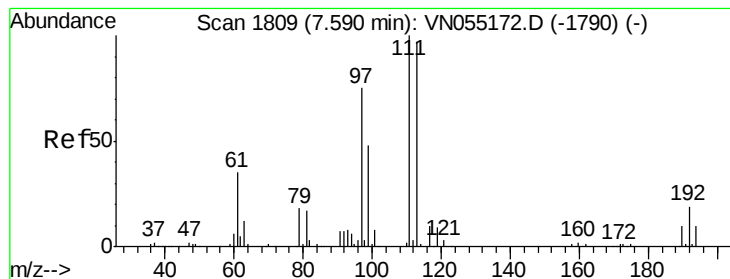
Tgt Ion: 65 Resp: 290474
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 114 Resp: 682622
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.388 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

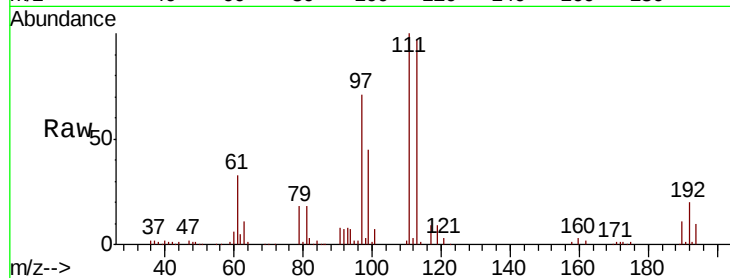
Tgt Ion:113 Resp: 229030

Ion Ratio Lower Upper

113 100

111 100.4 81.0 121.4

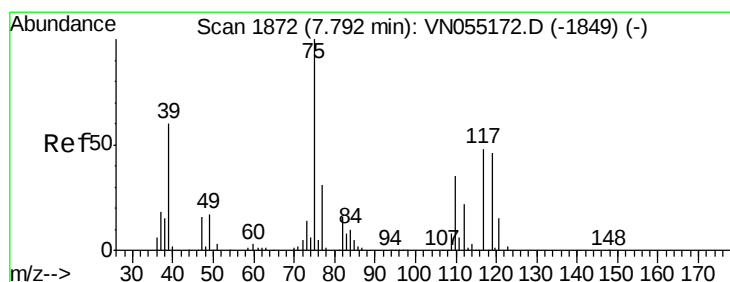
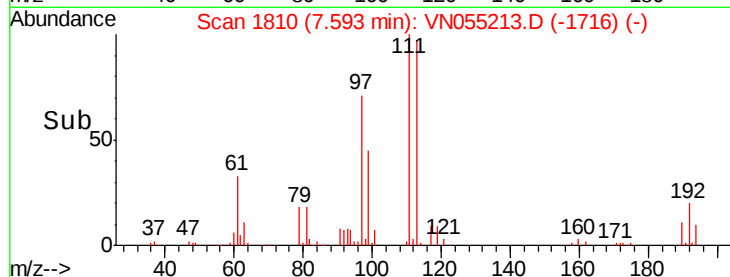
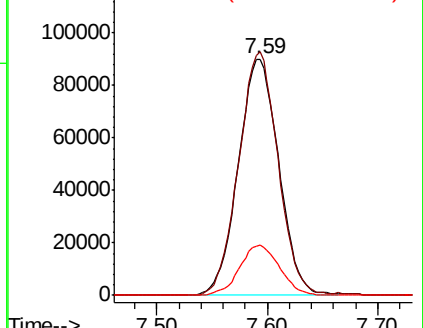
192 21.0 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.173 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

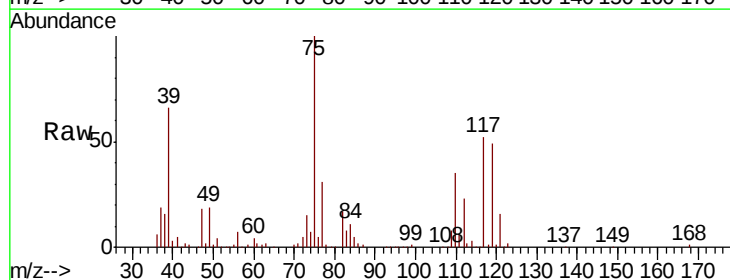
Tgt Ion: 75 Resp: 330557

Ion Ratio Lower Upper

75 100

110 33.8 17.1 51.2

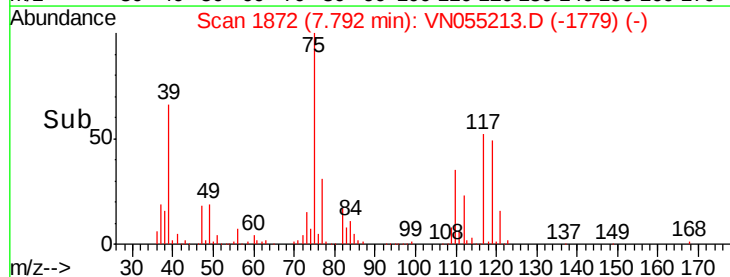
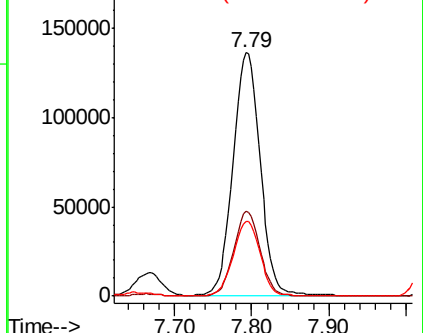
77 30.8 24.6 36.8

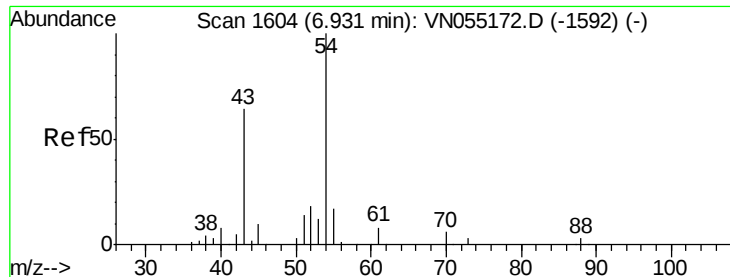


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

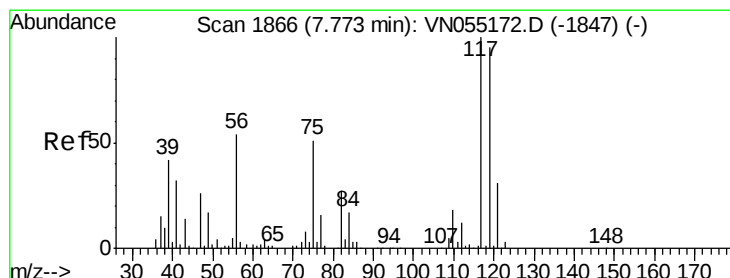
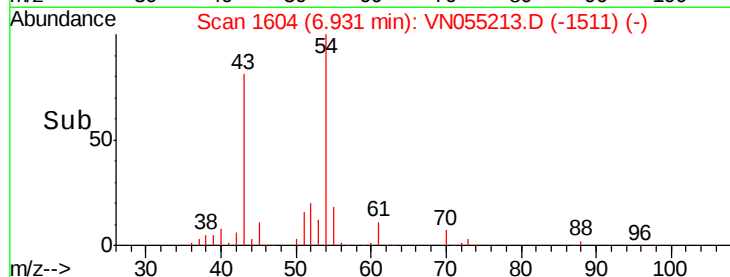
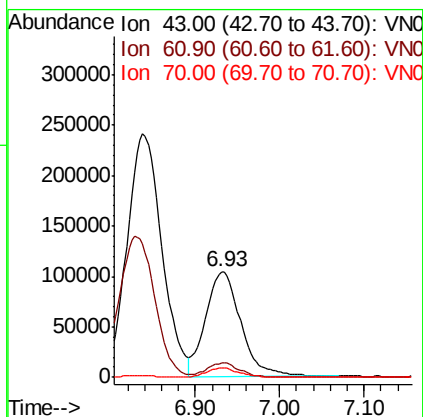
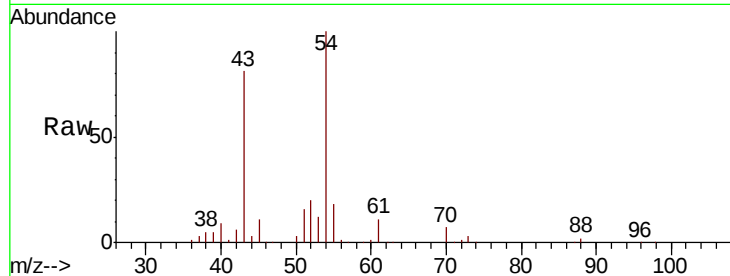




#37
Ethyl Acetate
Concen: 59.169 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

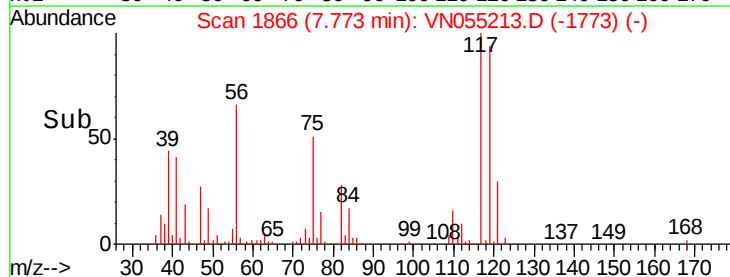
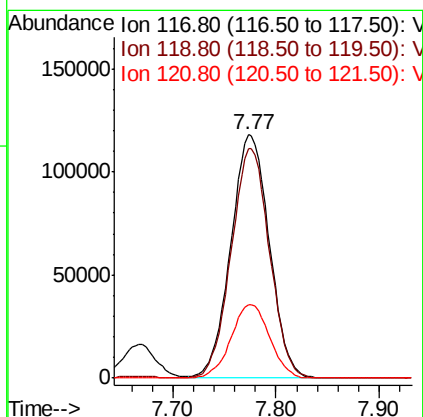
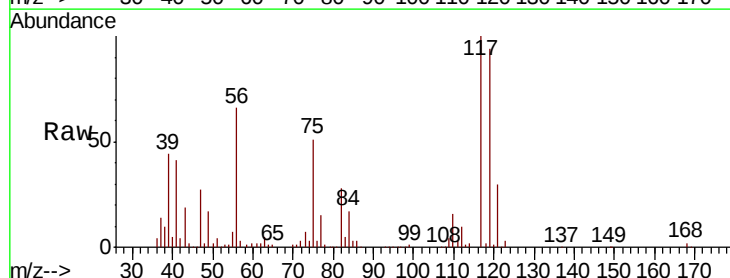
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

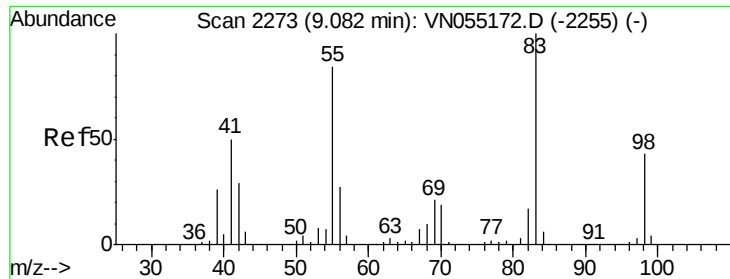
Tgt Ion: 43 Resp: 302544
Ion Ratio Lower Upper
43 100
61 12.8 9.7 14.5
70 8.4 6.9 10.3



#38
Carbon Tetrachloride
Concen: 51.712 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 117 Resp: 306813
Ion Ratio Lower Upper
117 100
119 93.9 76.0 114.0
121 29.9 24.6 36.8

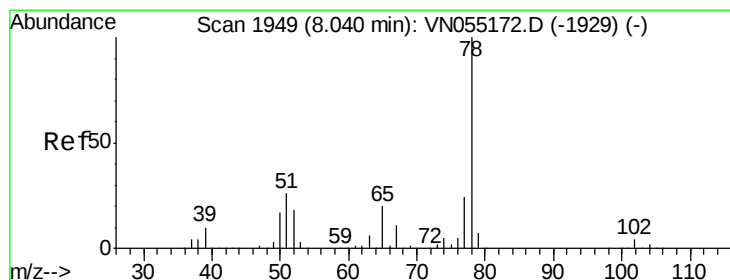
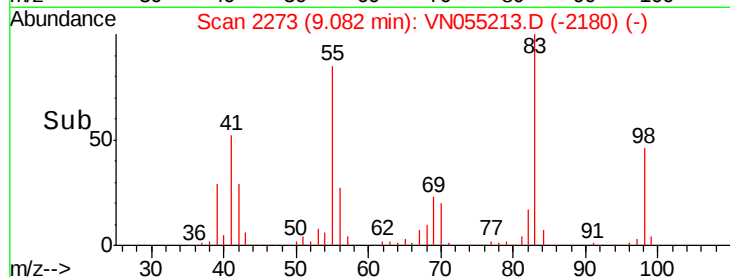
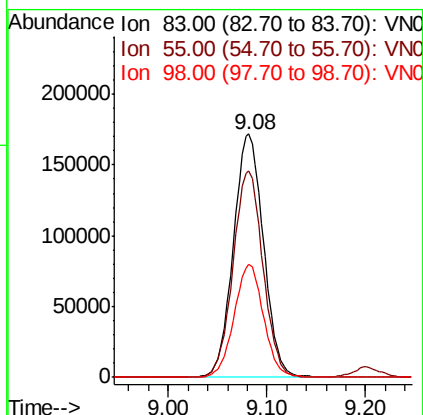
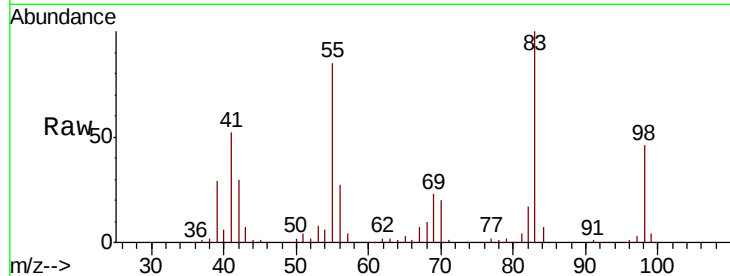




#39
Methylcyclohexane
Concen: 48.261 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

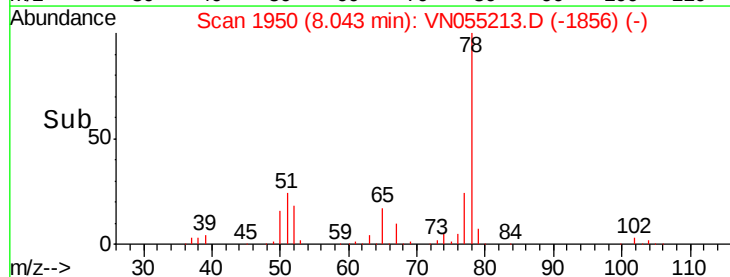
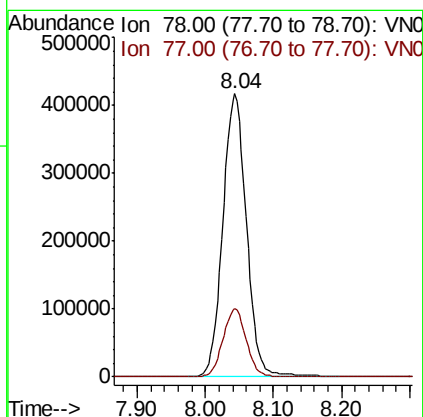
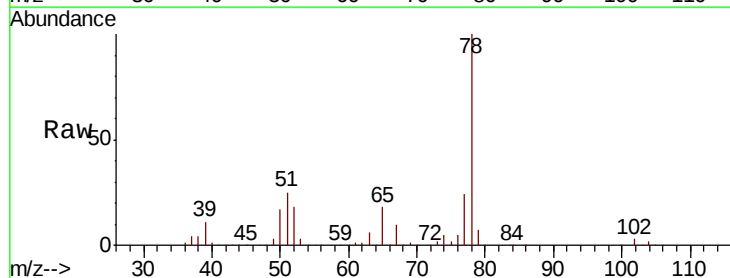
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

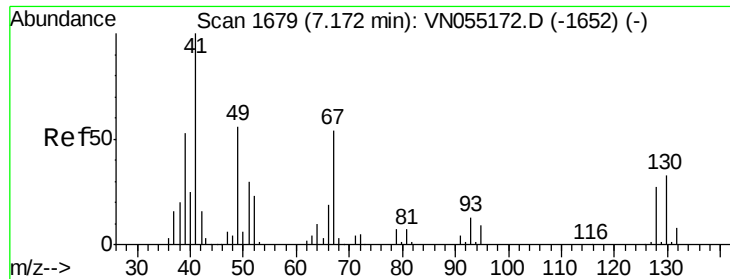
Tgt Ion: 83 Resp: 364781
Ion Ratio Lower Upper
83 100
55 84.9 67.4 101.0
98 46.3 34.7 52.1



#40
Benzene
Concen: 51.337 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 78 Resp: 1004063
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

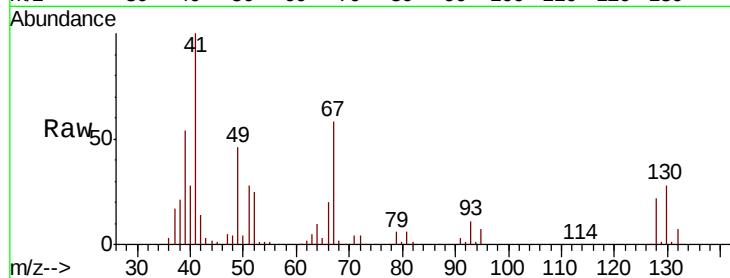




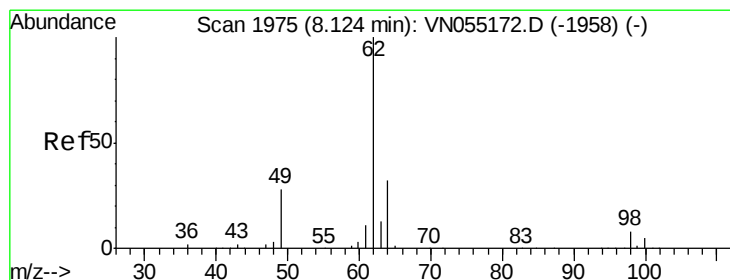
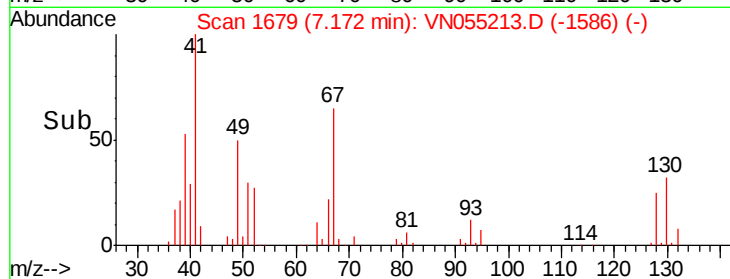
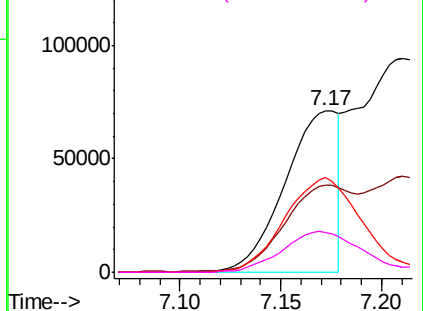
#41
Methacrylonitrile
Concen: 48.549 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 130146
Ion Ratio Lower Upper
41 100
39 69.0 45.4 68.0#
67 85.6 54.6 81.8#
52 36.9 22.8 34.2#

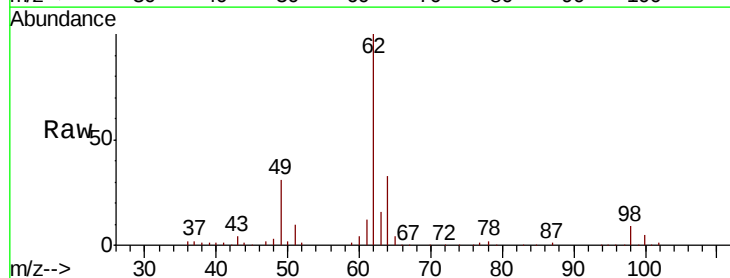


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

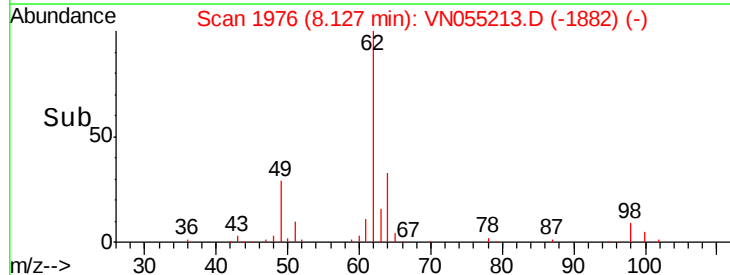
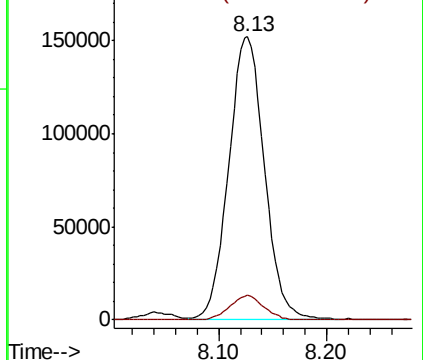


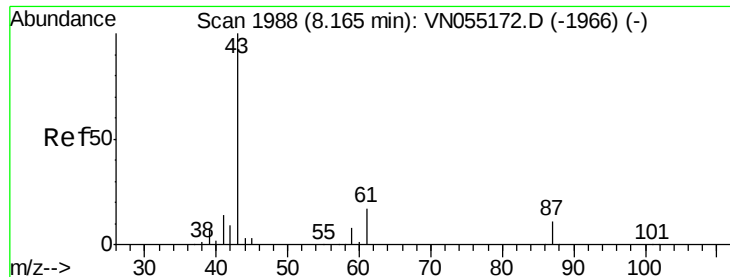
#42
1,2-Dichloroethane
Concen: 51.201 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 62 Resp: 349357
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 62.204 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

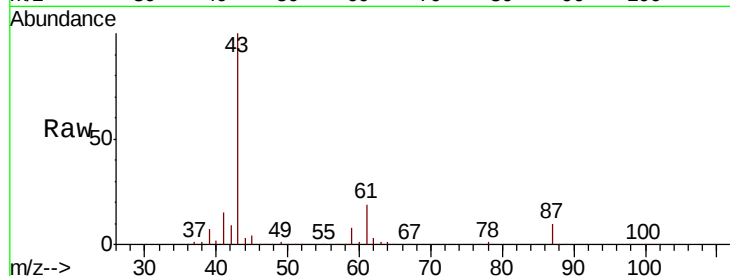
Tgt Ion: 43 Resp: 515049

Ion Ratio Lower Upper

43 100

61 24.9 20.6 30.8

87 10.7 8.8 13.2

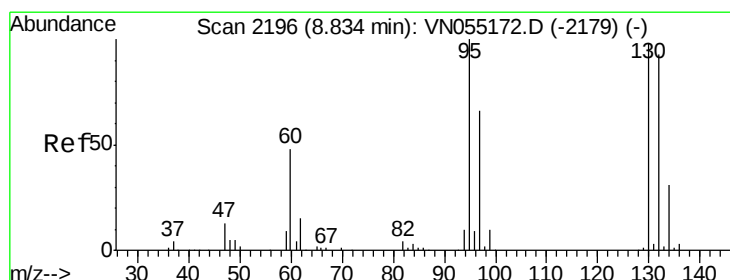
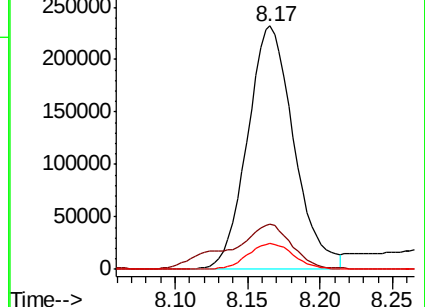
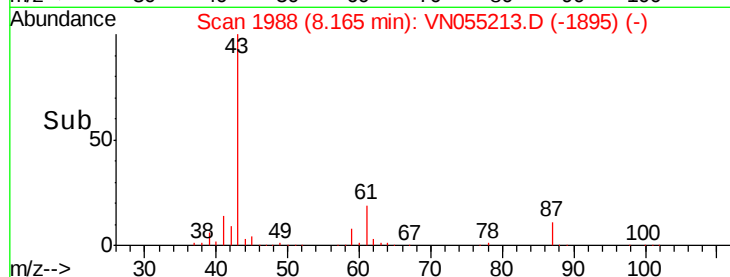


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)

8.17



#44

Trichloroethene

Concen: 50.111 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055213.D

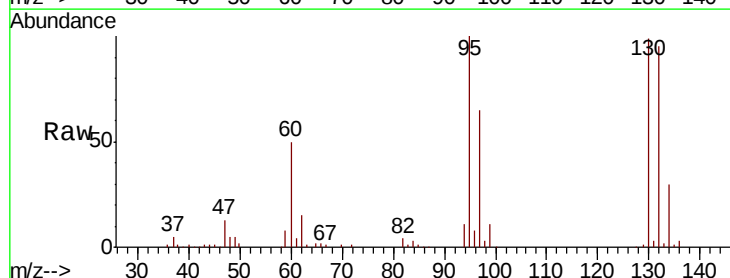
Acq: 23 Apr 2019 18:11

Tgt Ion: 130 Resp: 247713

Ion Ratio Lower Upper

130 100

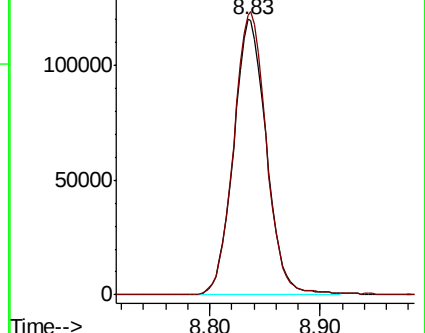
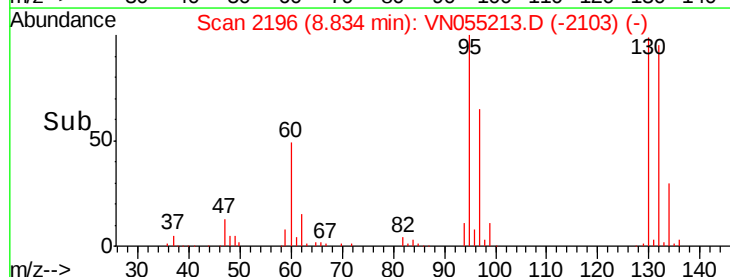
95 101.4 0.0 203.6

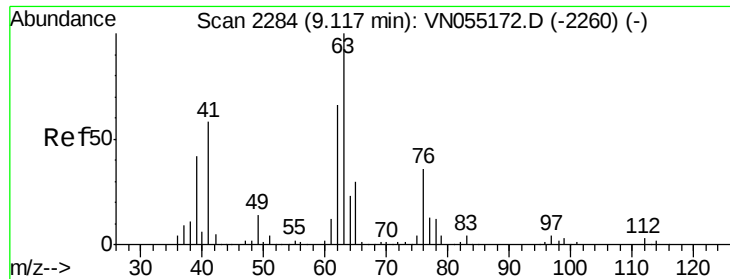


Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

8.83

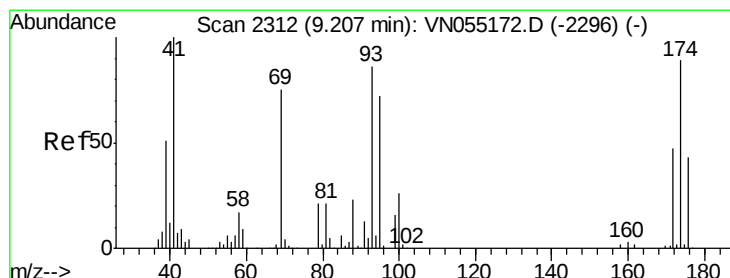
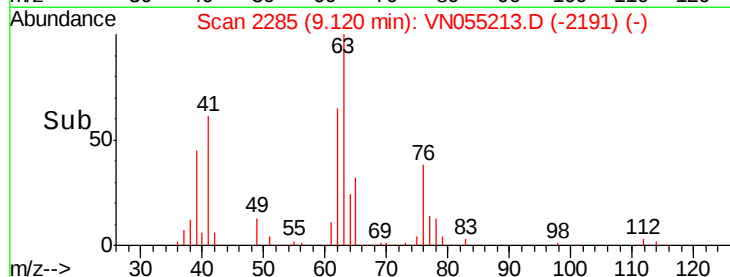
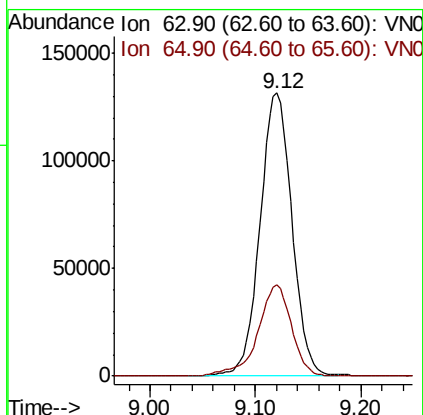
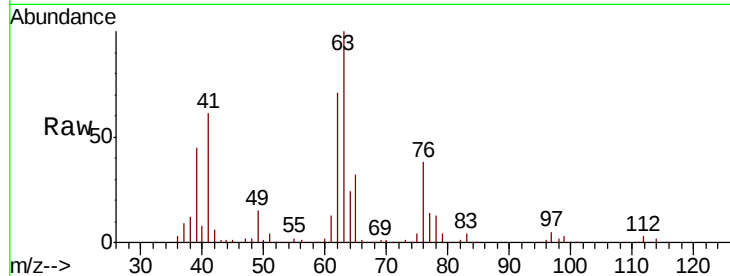




#45
 1,2-Dichloropropane
 Concen: 50.332 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

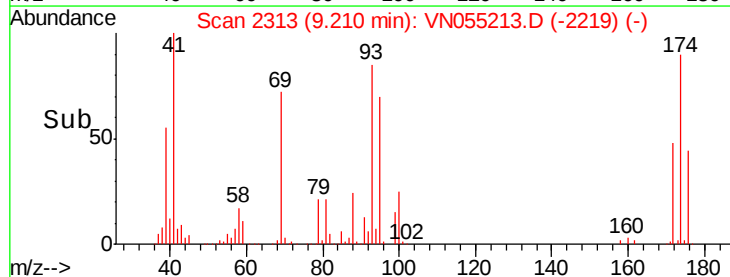
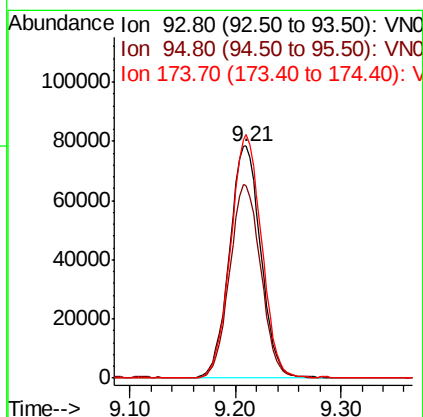
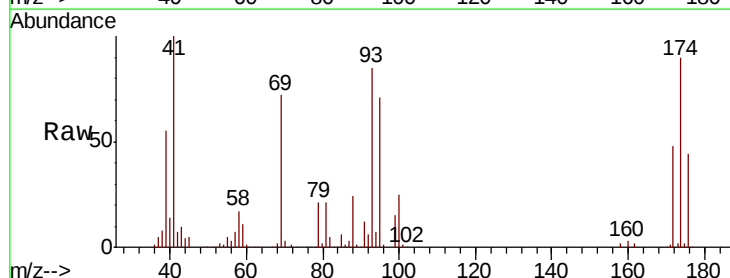
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

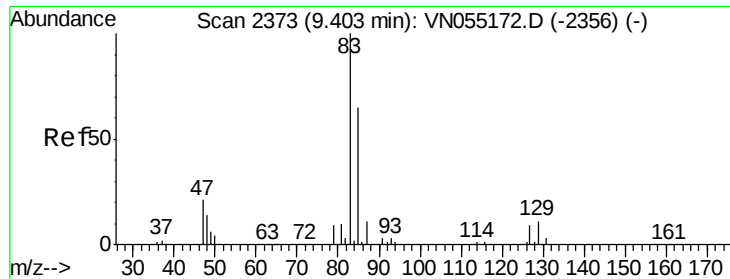
Tgt Ion: 63 Resp: 277874
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.8 35.6



#46
 Dibromomethane
 Concen: 50.906 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 93 Resp: 160884
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.6 101.4
 174 104.1 83.4 125.2





#47

Bromodichloromethane

Concen: 51.896 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

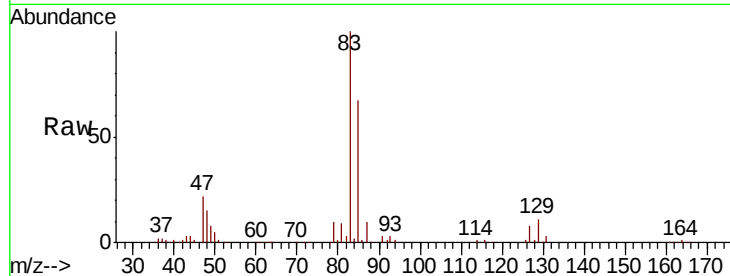
Tgt Ion: 83 Resp: 328335

Ion Ratio Lower Upper

83 100

85 66.5 52.1 78.1

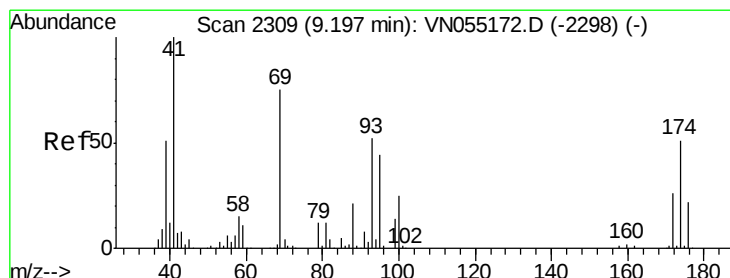
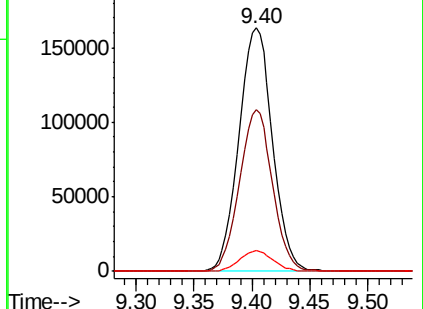
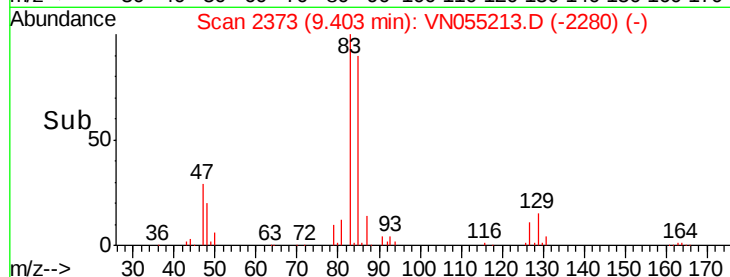
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN055213.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055213.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055213.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.534 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

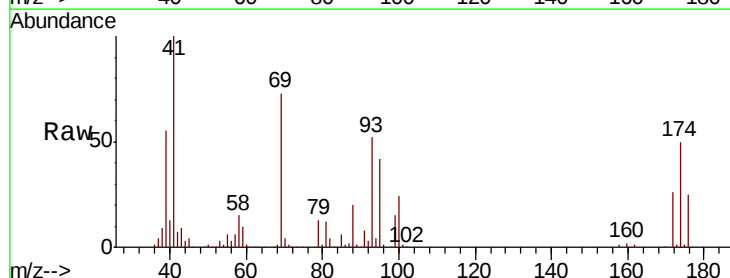
Tgt Ion: 41 Resp: 239113

Ion Ratio Lower Upper

41 100

69 77.4 63.6 95.4

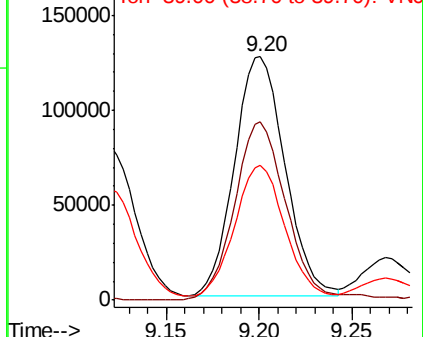
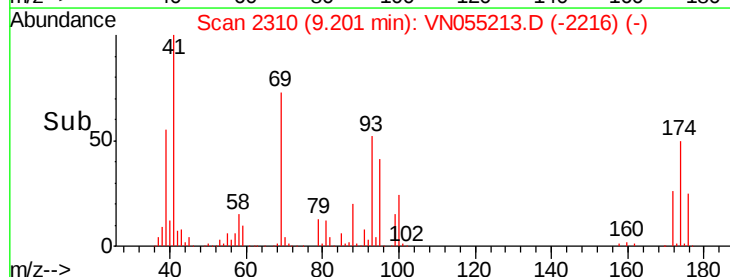
39 56.8 43.8 65.8

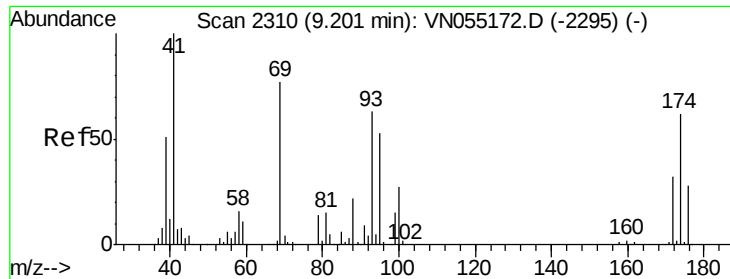


Abundance Ion 41.00 (40.70 to 41.70): VN055213.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055213.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055213.D (-2216) (-)

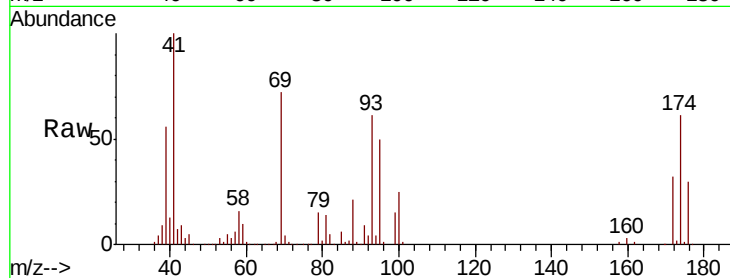




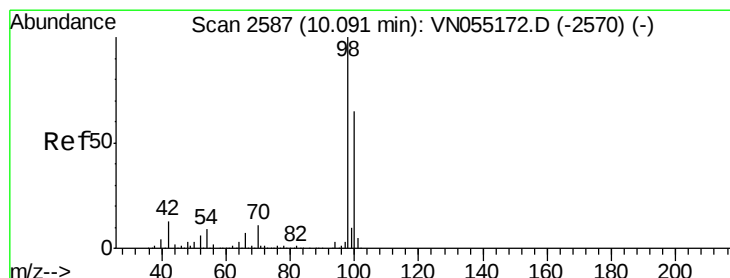
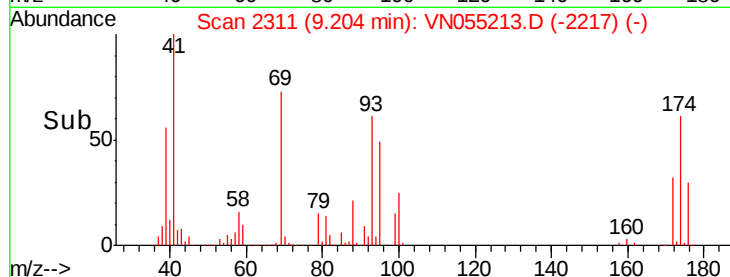
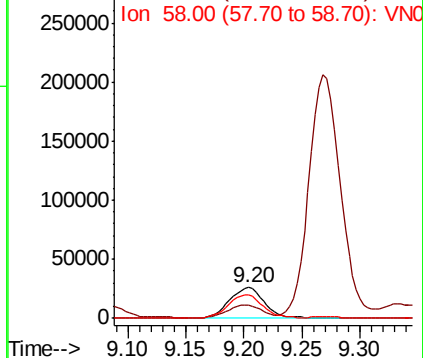
#49
 1,4-Dioxane
 Concen: 1198.037 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 55568
 Ion Ratio Lower Upper
 88 100
 43 38.6 32.0 48.0
 58 75.0 60.4 90.6

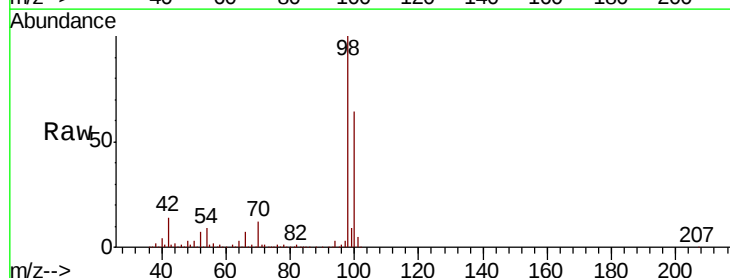


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

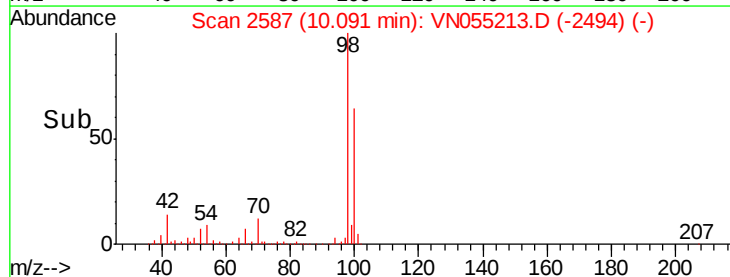
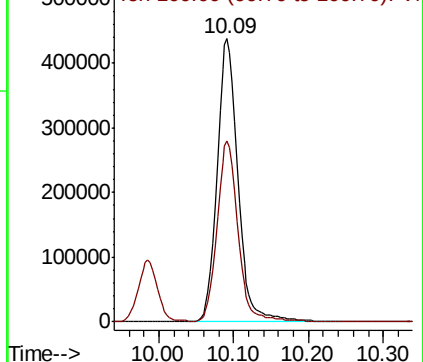


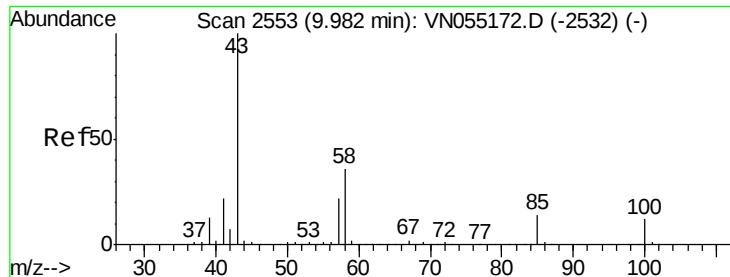
#50
 Toluene-d8
 Concen: 49.341 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 98 Resp: 847788
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.8 77.6



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





#51

4-Methyl-2-Pentanone

Concen: 303.363 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

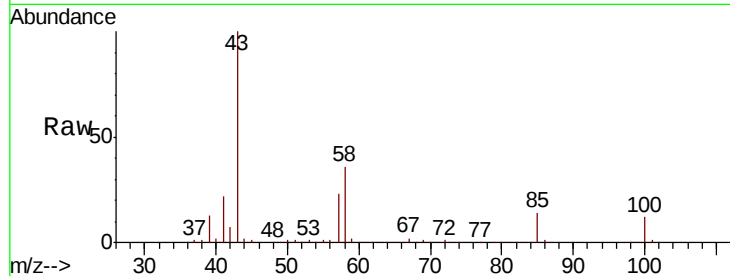
VSTDCCC050EC

Tgt Ion: 43 Resp: 1445383

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

9.99

800000

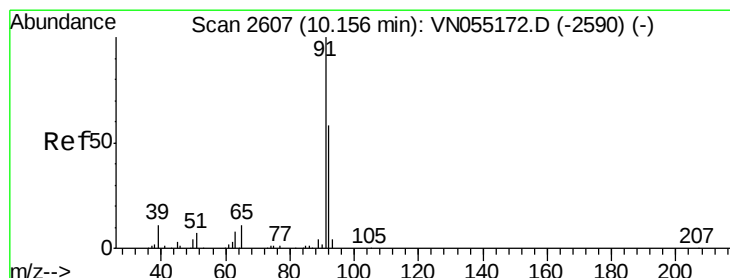
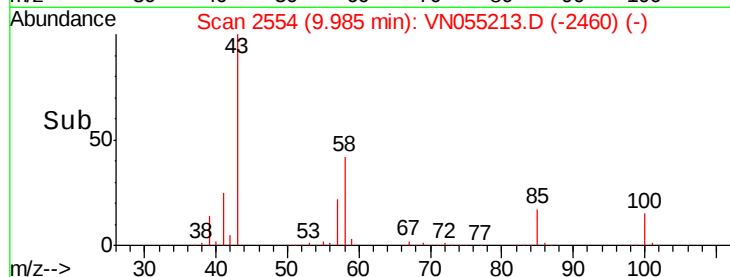
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.294 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055213.D

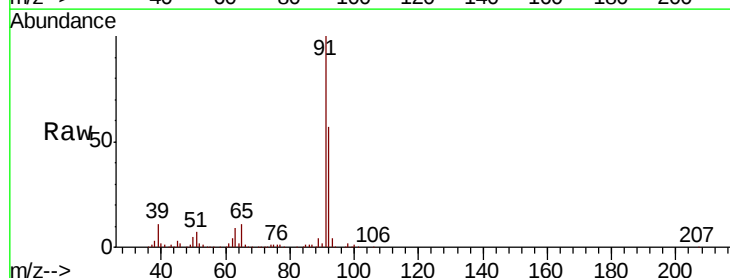
Acq: 23 Apr 2019 18:11

Tgt Ion: 92 Resp: 588123

Ion Ratio Lower Upper

92 100

91 174.0 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN055172.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055172.D (-2590) (-)

10.16

600000

500000

400000

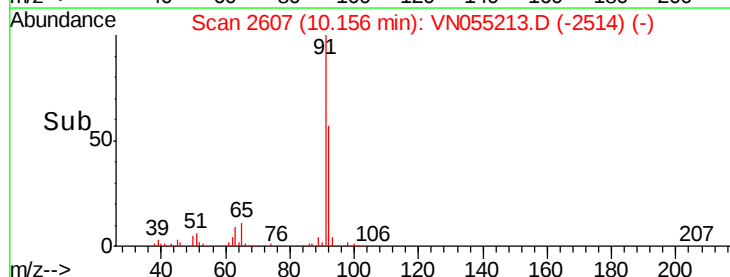
300000

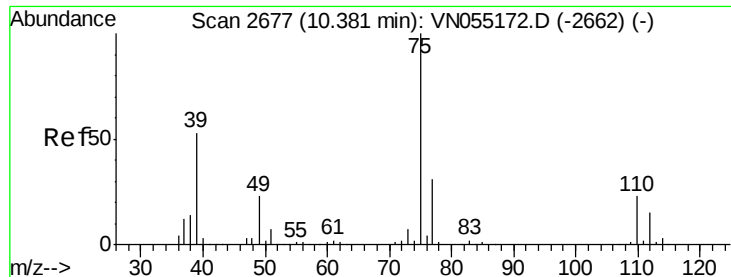
200000

100000

0

Time-->

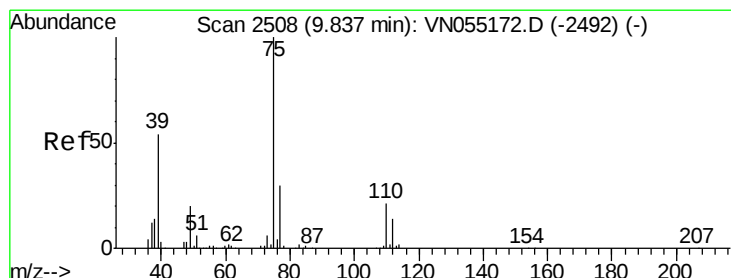
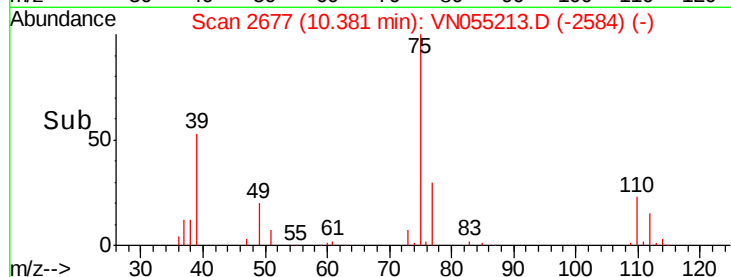
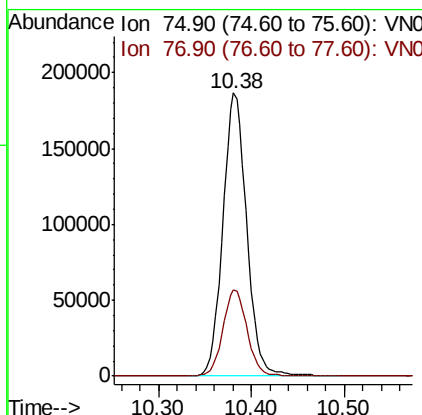
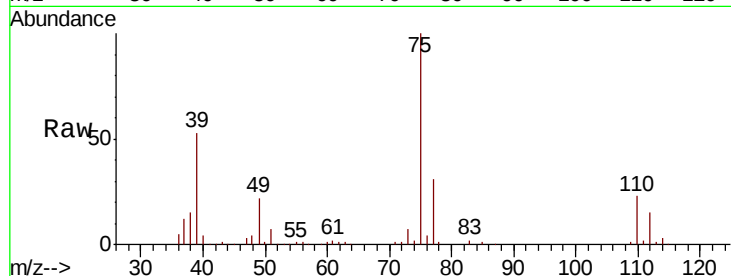




#53
t-1,3-Dichloropropene
Concen: 57.094 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

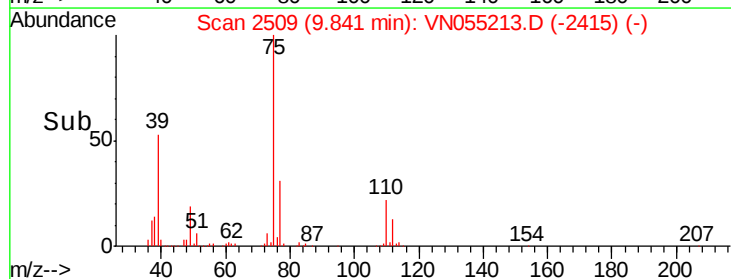
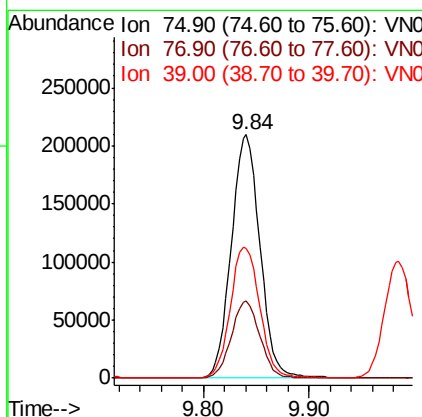
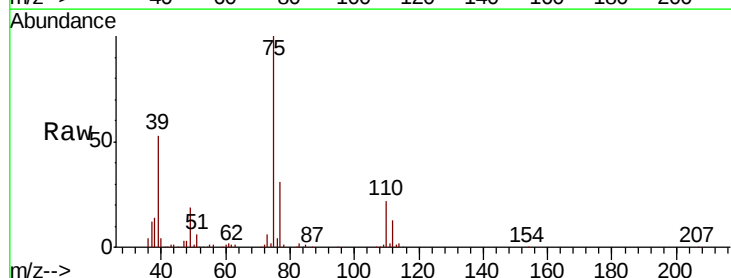
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

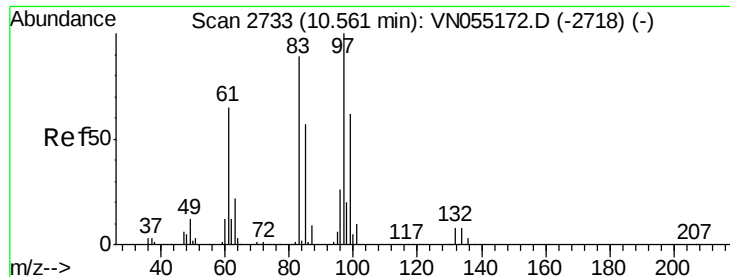
Tgt Ion: 75 Resp: 331498
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 54.828 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 75 Resp: 395047
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5
39 53.3 43.0 64.4

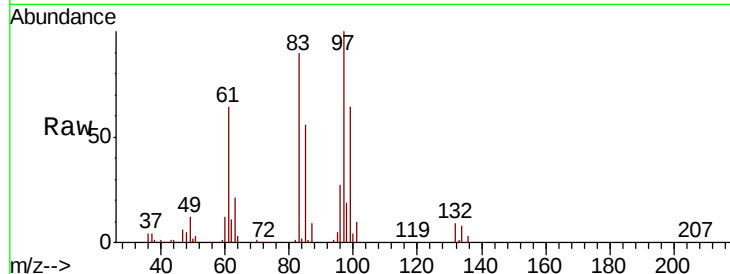




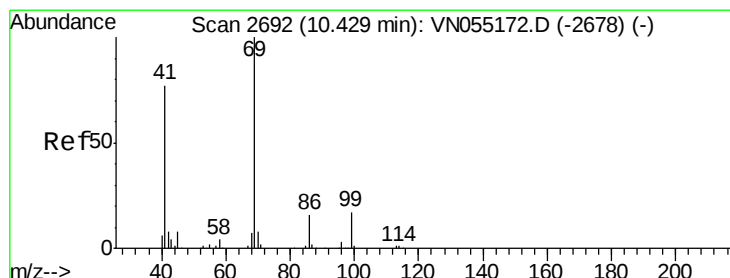
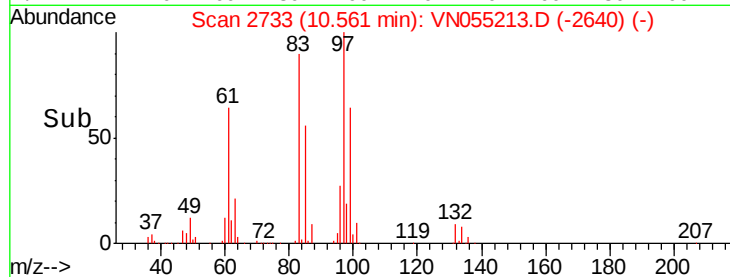
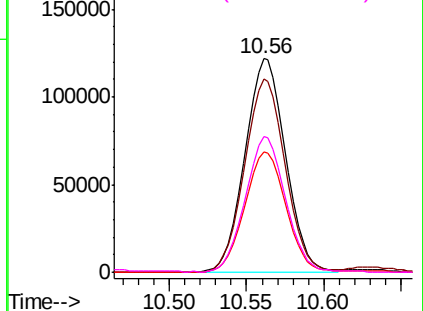
#55
 1,1,2-Trichloroethane
 Concen: 52.783 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	223116
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.5	107.3
85	56.4	45.8	68.6
99	63.3	49.9	74.9

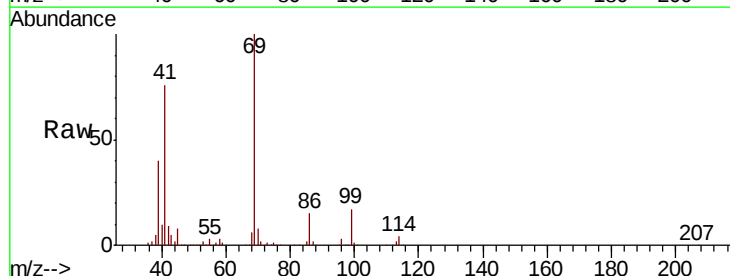


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

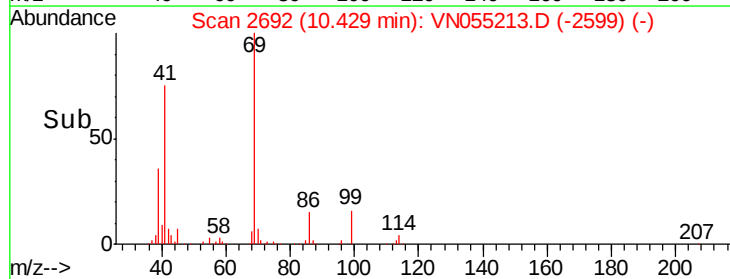
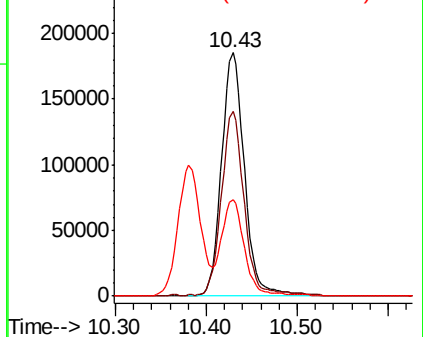


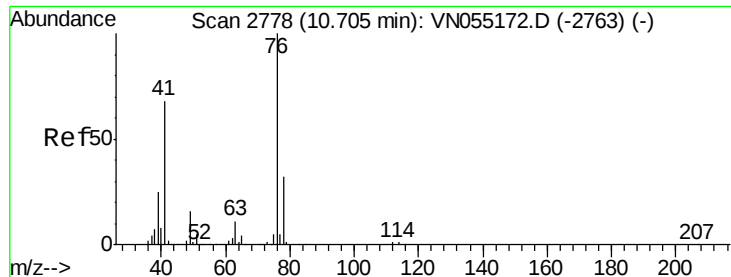
#56
 Ethyl methacrylate
 Concen: 61.808 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:	69	Resp:	325471
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.6	90.8
39	39.4	31.7	47.5



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

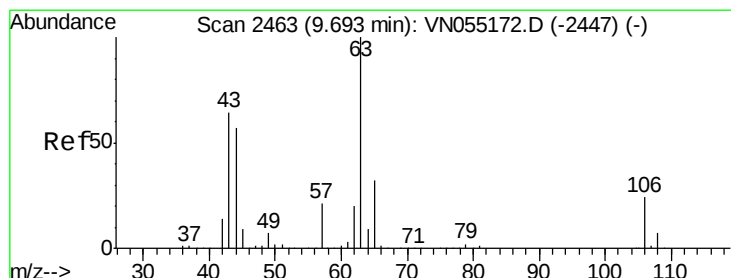
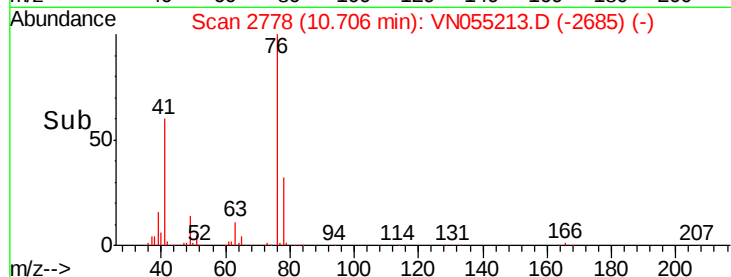
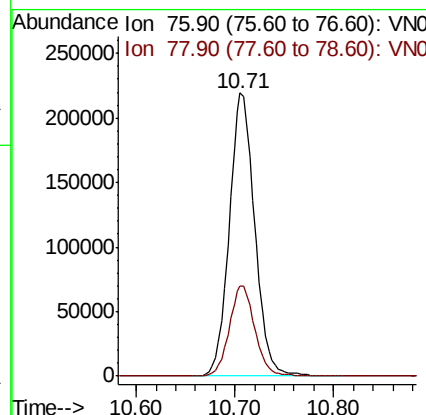
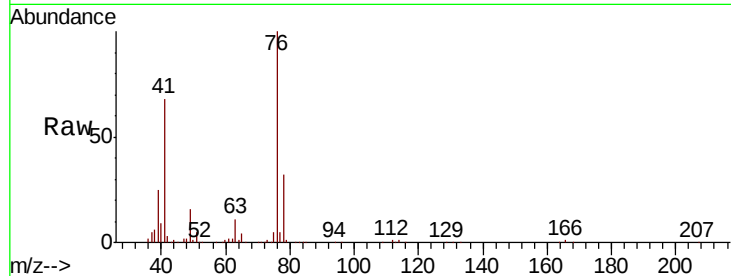




#57
 1,3-Dichloropropane
 Concen: 53.856 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

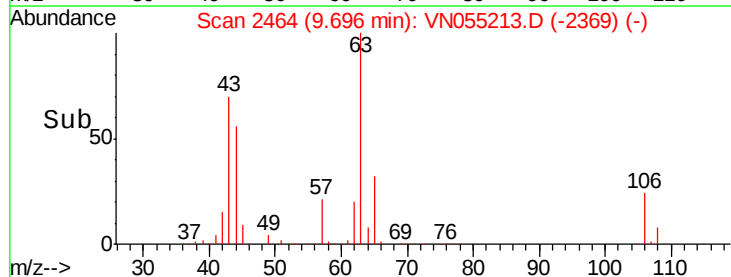
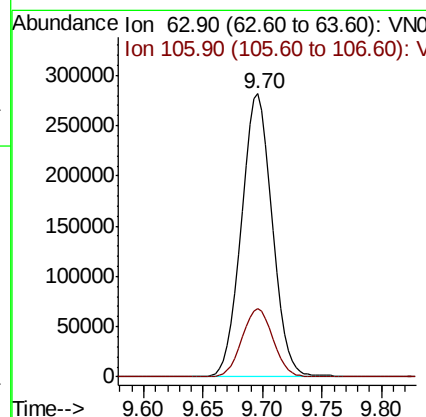
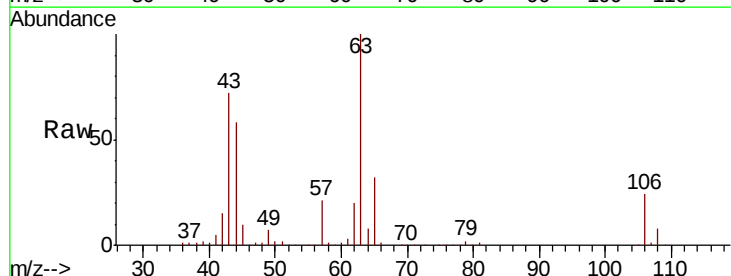
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

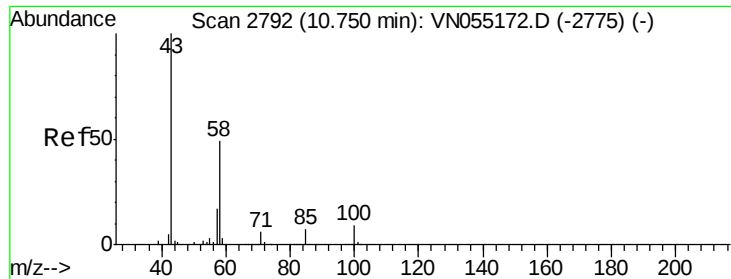
Tgt Ion: 76 Resp: 396083
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.327 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 63 Resp: 505831
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.0

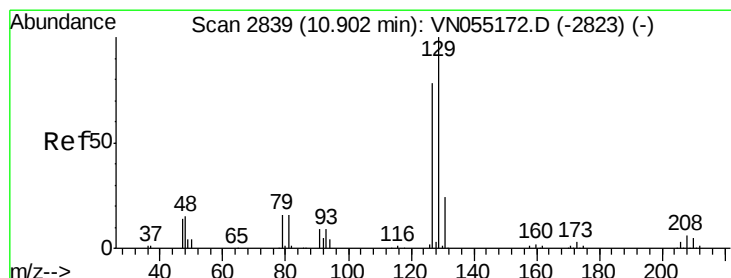
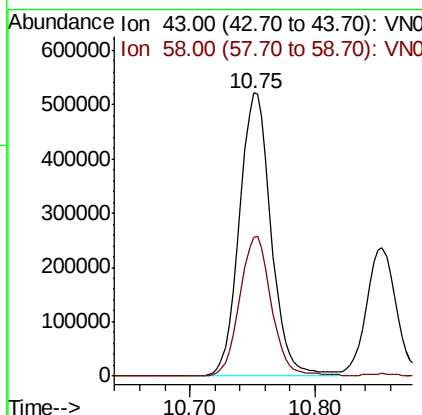
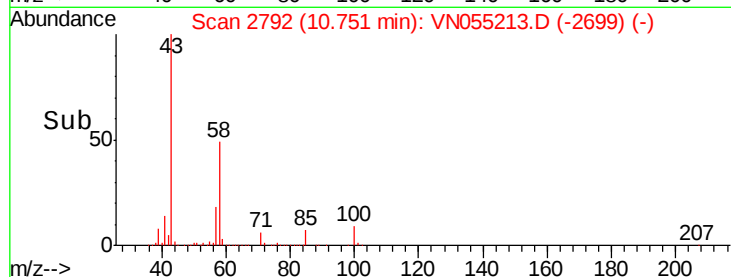
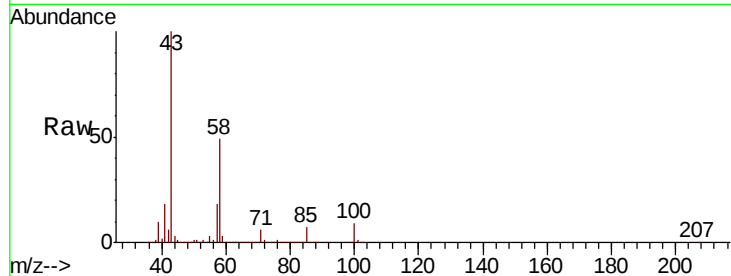




#59
2-Hexanone
Concen: 304.749 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

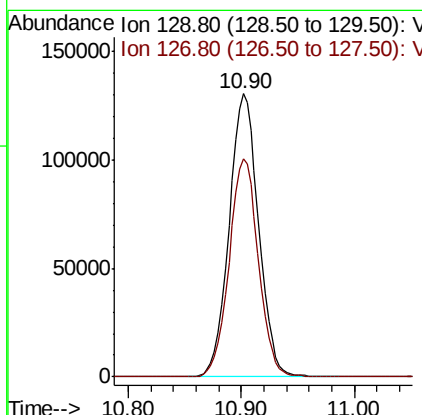
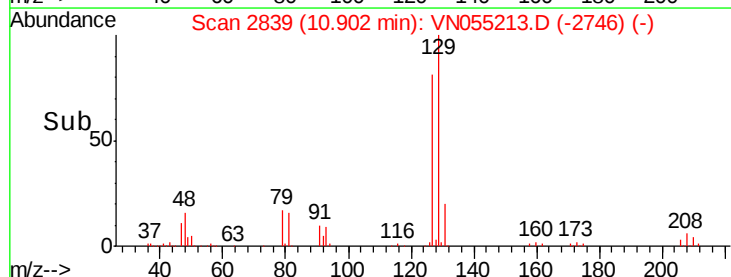
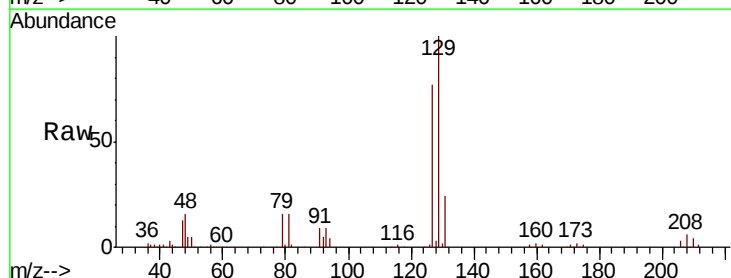
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

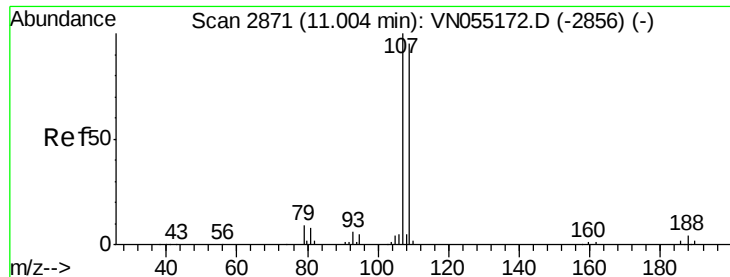
Tgt Ion: 43 Resp: 917145
Ion Ratio Lower Upper
43 100
58 49.4 24.5 73.5



#60
Dibromochloromethane
Concen: 54.200 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 129 Resp: 235984
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

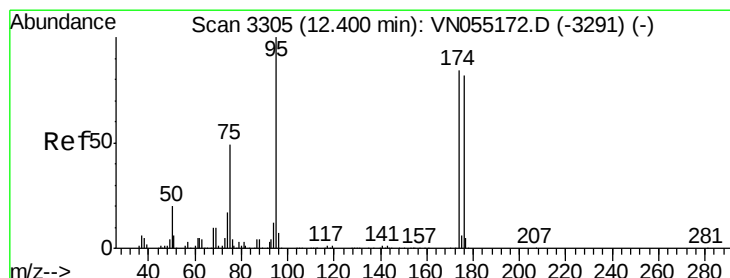
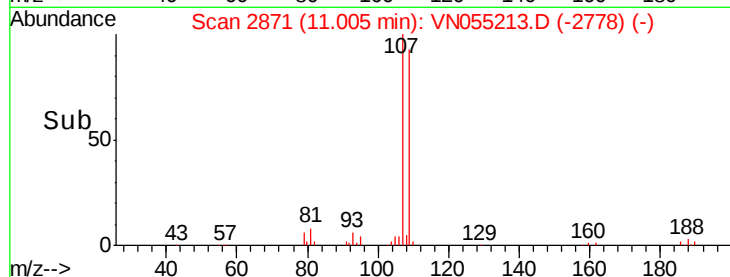
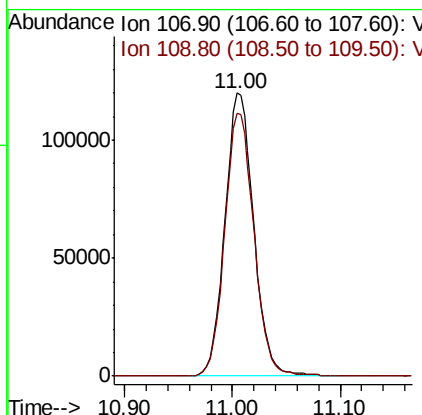
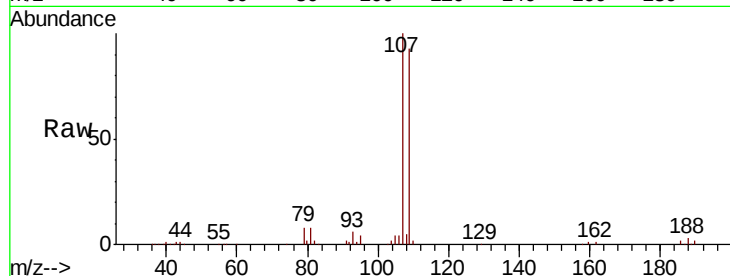




#61
 1,2-Dibromoethane
 Concen: 55.799 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

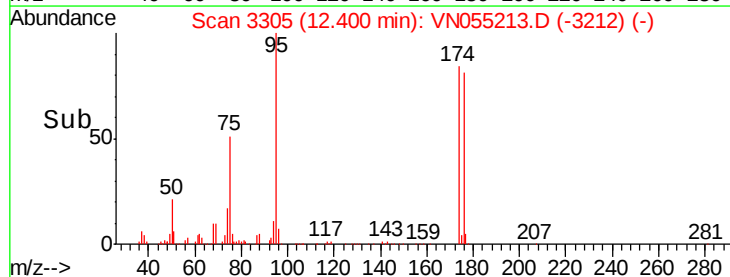
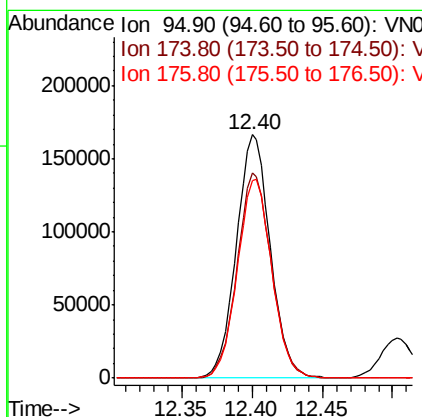
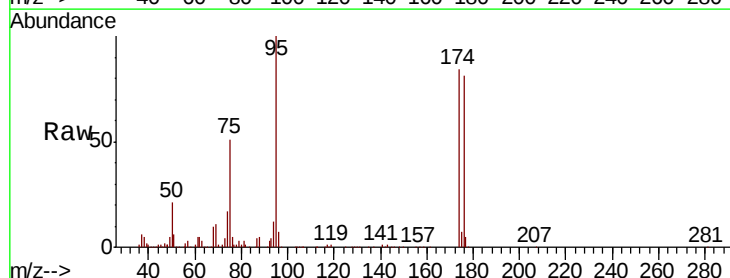
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

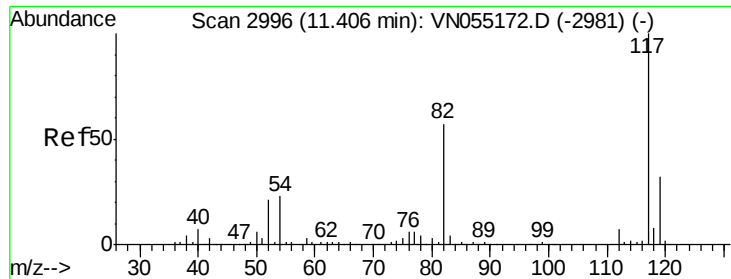
Tgt Ion: 107 Resp: 221761
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.506 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion: 95 Resp: 280251
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 168.4
 176 83.2 0.0 164.0

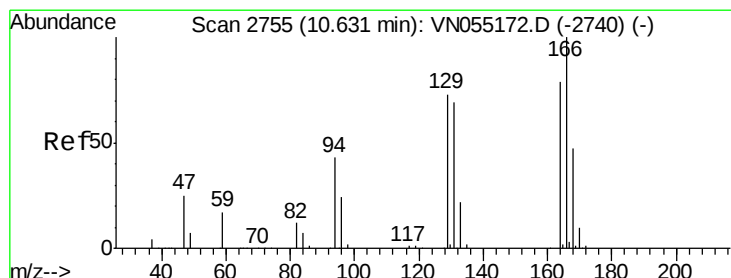
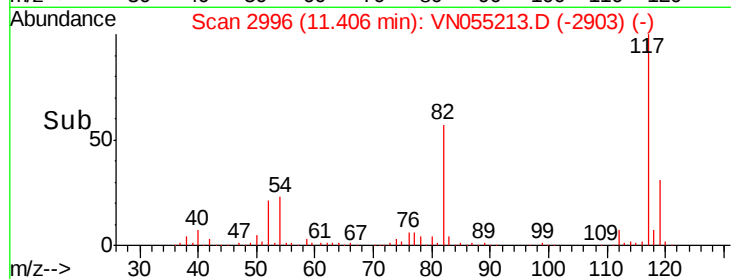
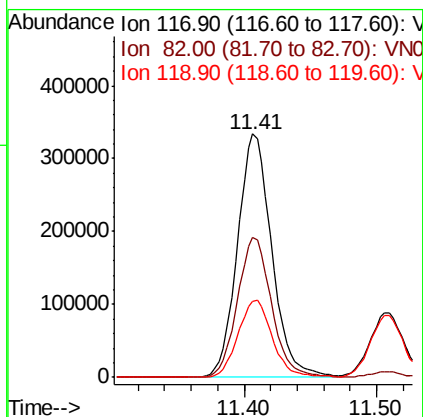
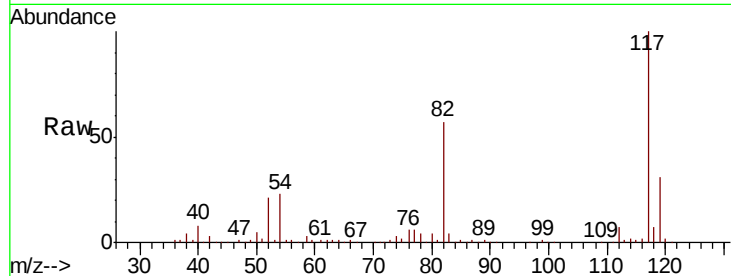




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

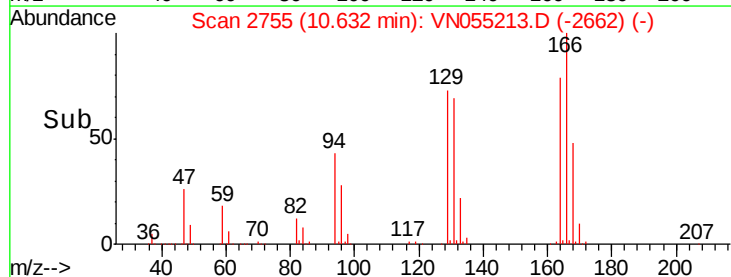
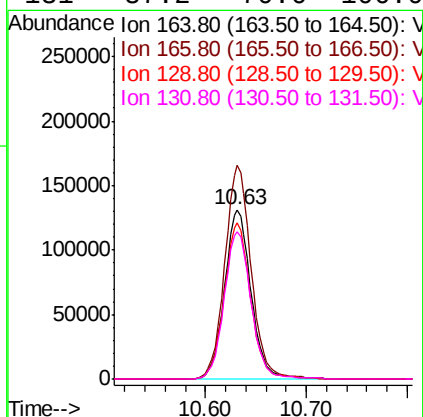
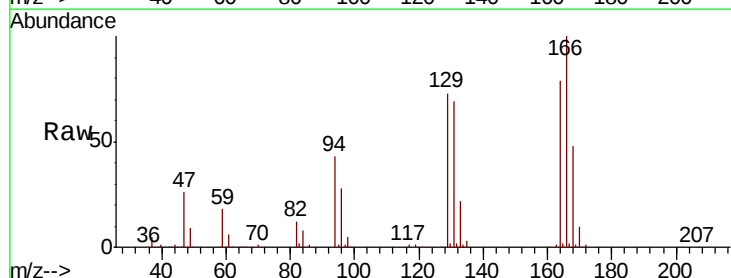
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

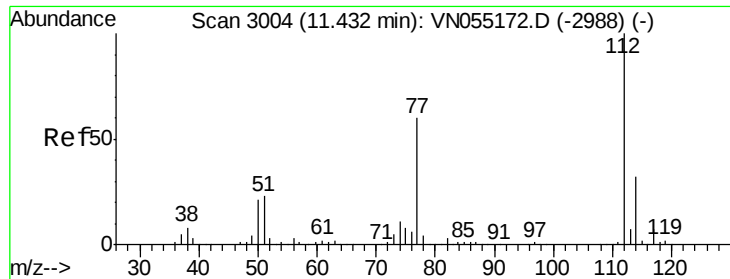
Tgt Ion:117 Resp: 600758
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 49.092 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion:164 Resp: 240595
Ion Ratio Lower Upper
164 100
166 126.2 101.9 152.9
129 91.9 74.1 111.1
131 87.2 70.6 106.0

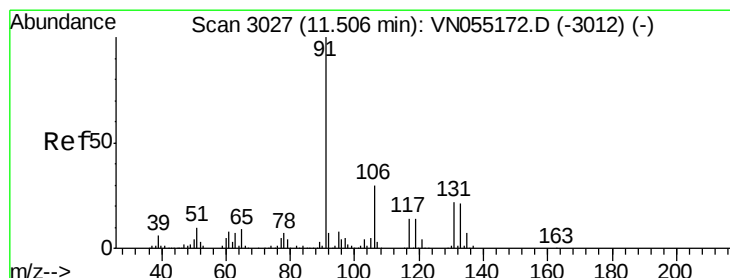
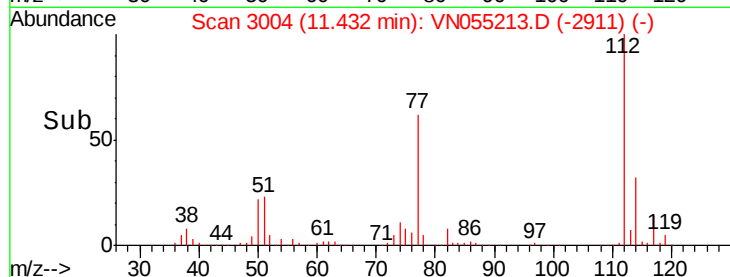
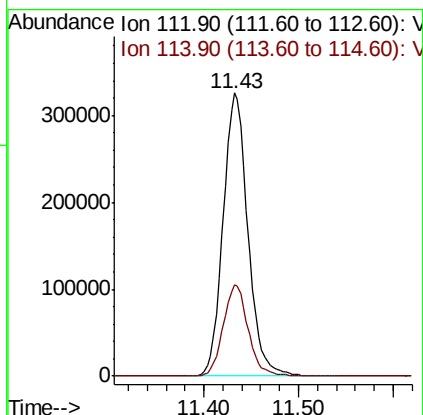
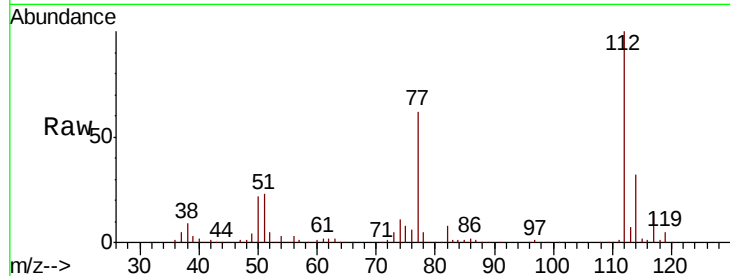




#65
Chlorobenzene
Concen: 48.294 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

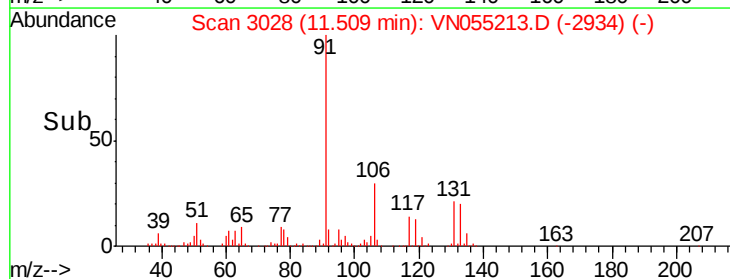
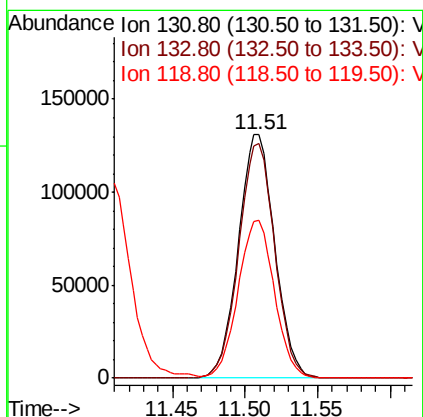
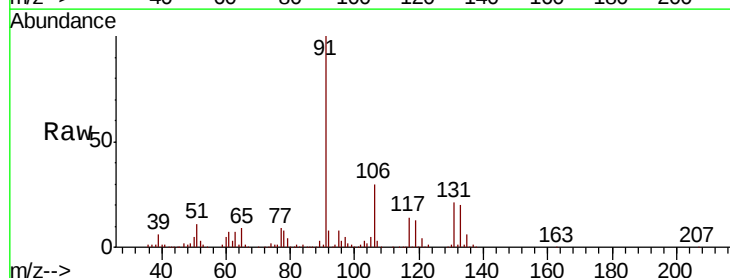
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

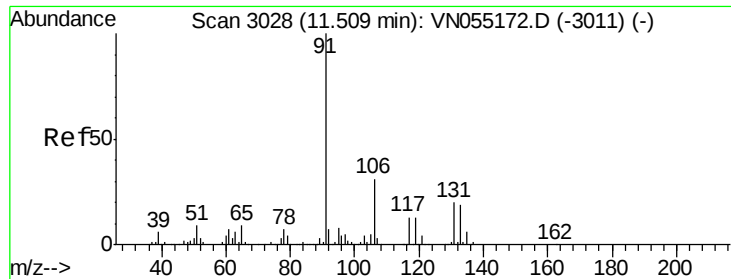
Tgt Ion:112 Resp: 592186
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.166 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion:131 Resp: 227991
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 64.9 33.2 99.6

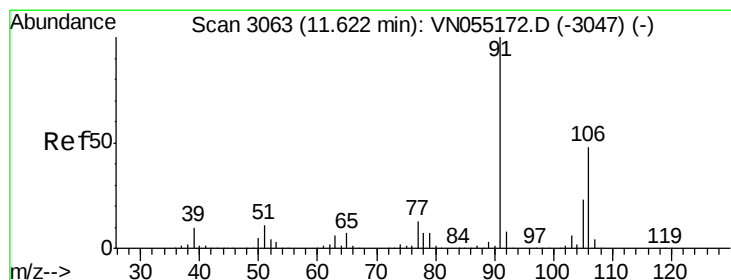
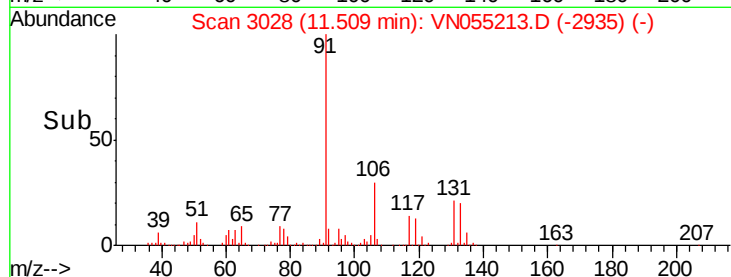
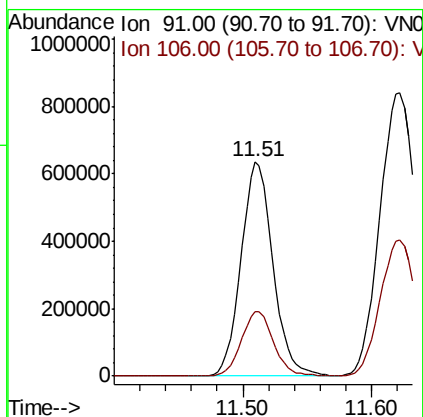
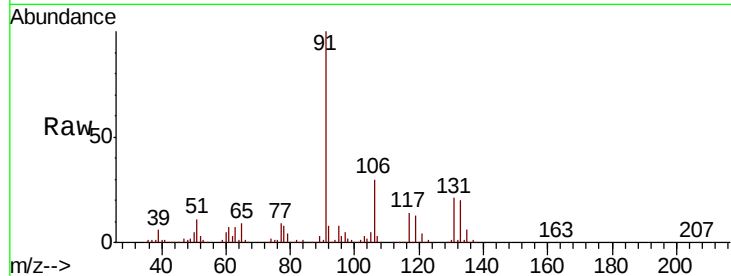




#67
Ethyl Benzene
Concen: 50.150 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

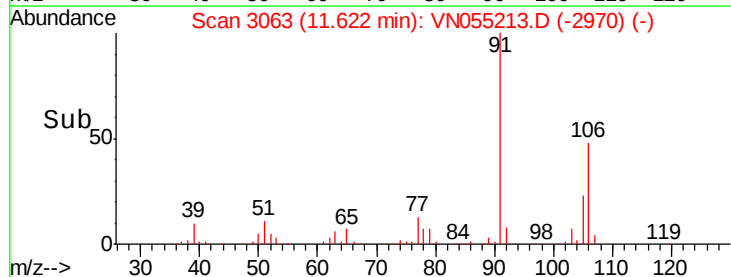
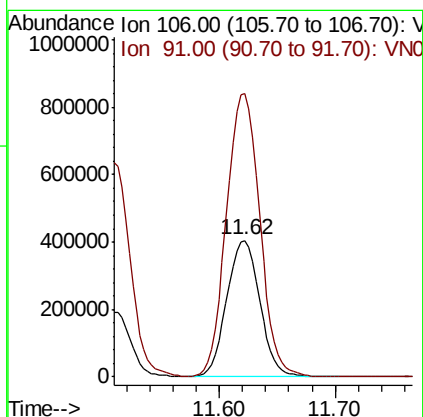
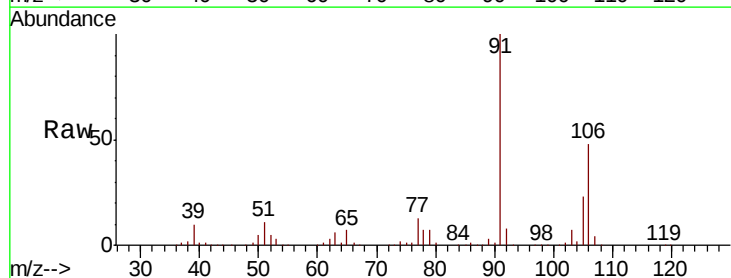
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

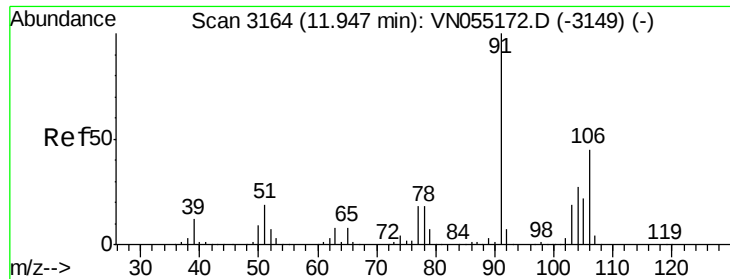
Tgt Ion: 91 Resp: 1095411
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7



#68
m/p-Xylenes
Concen: 102.009 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion: 106 Resp: 799149
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7

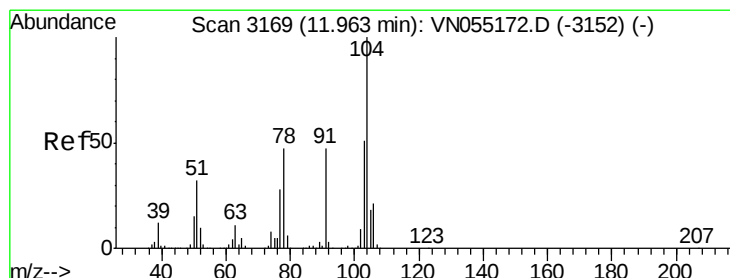
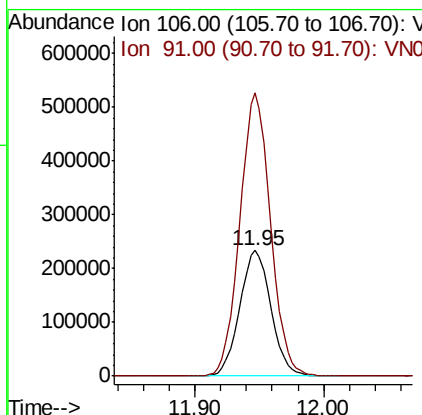
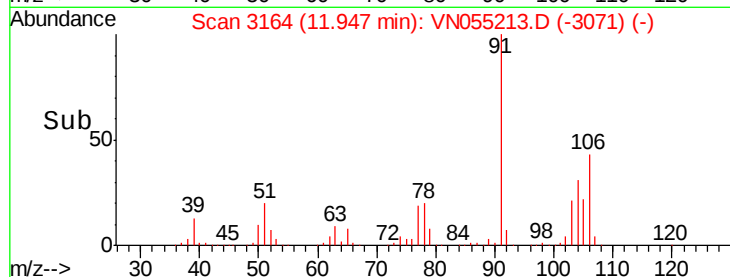
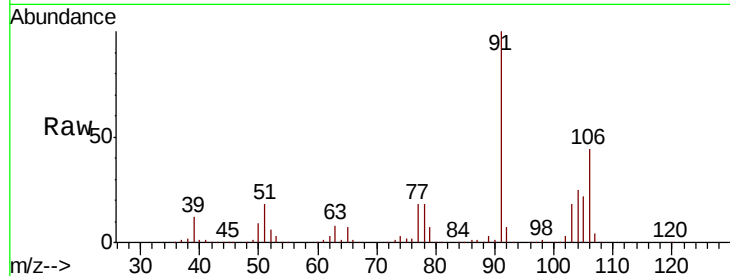




#69
o-Xylene
Concen: 50.686 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

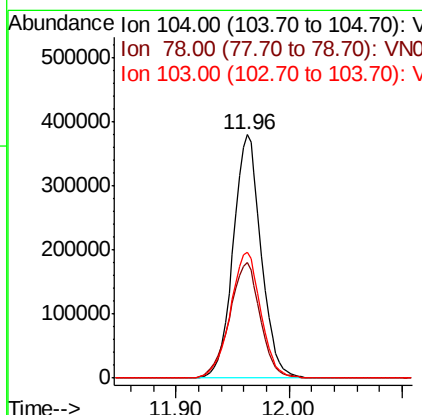
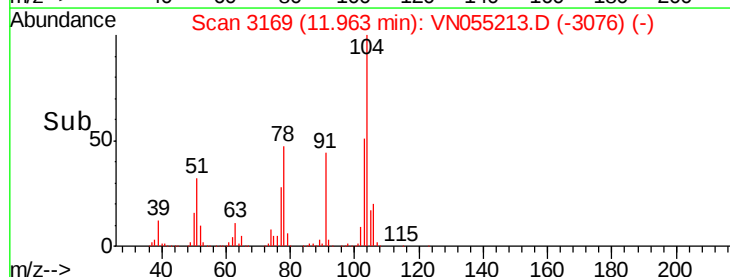
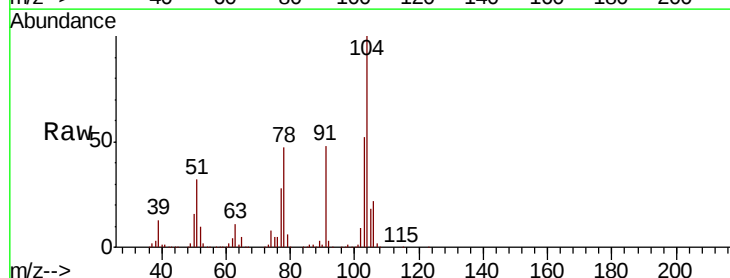
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

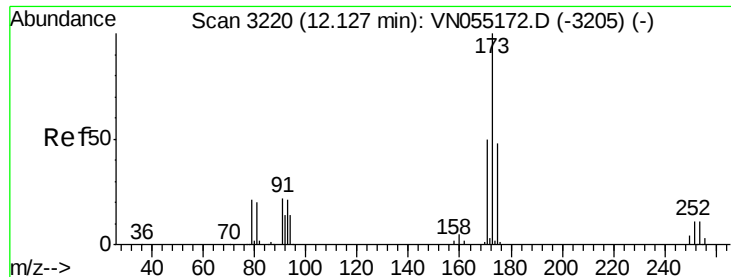
Tgt Ion:106 Resp: 394065
Ion Ratio Lower Upper
106 100
91 221.0 110.6 331.8



#70
Styrene
Concen: 54.137 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion:104 Resp: 652416
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 56.3 44.2 66.4

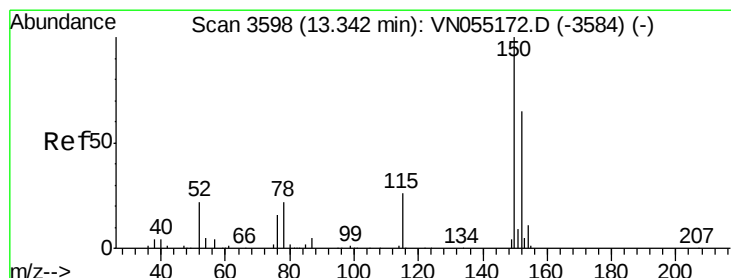
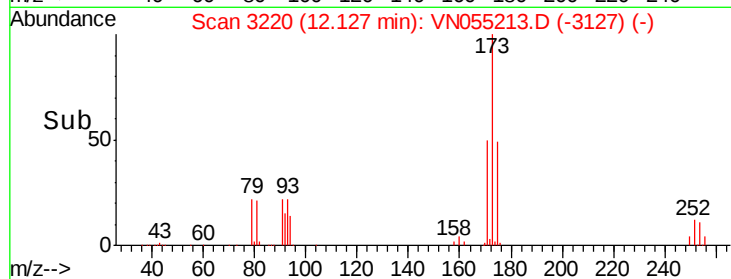
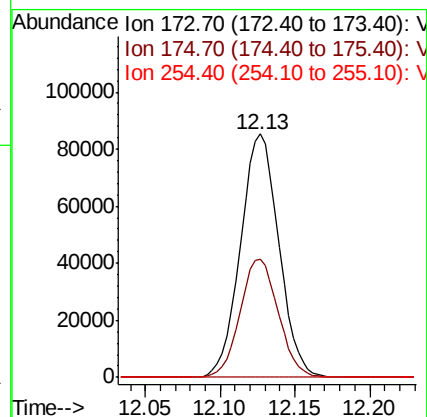
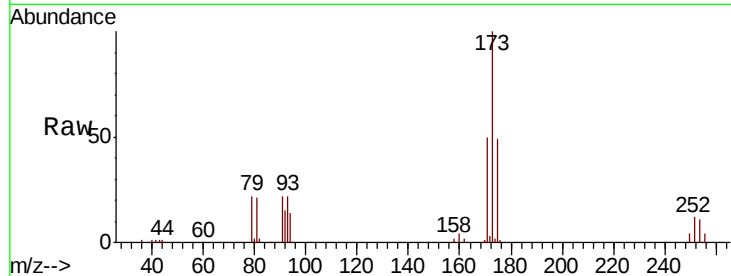




#71
Bromoform
Concen: 56.095 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

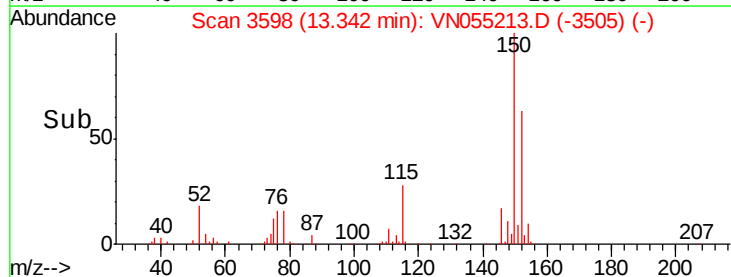
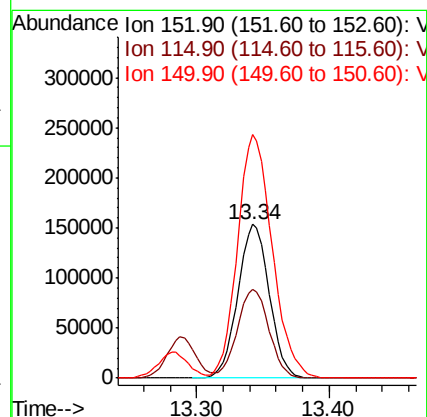
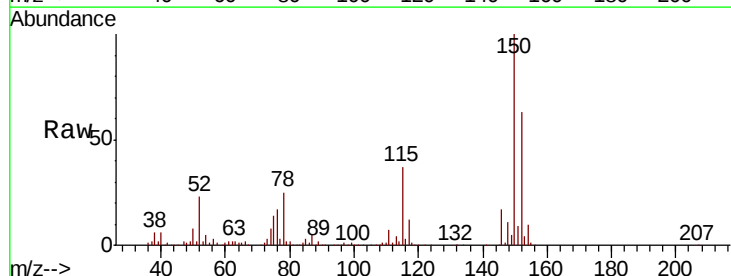
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

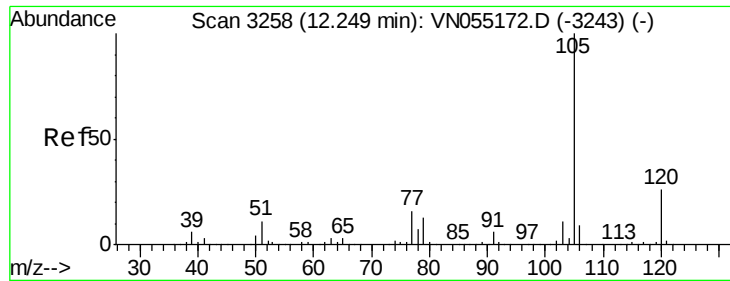
Tgt Ion:173 Resp: 152131
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055213.D
Acq: 23 Apr 2019 18:11

Tgt Ion:152 Resp: 252196
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 174.8 0.0 346.6





#73

Isopropylbenzene

Concen: 51.780 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

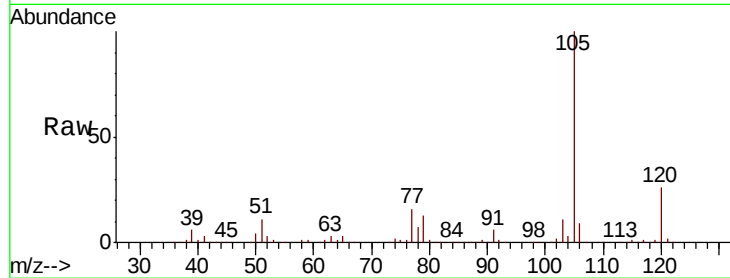
VSTDCCC050EC

Tgt Ion: 105 Resp: 1047661

Ion Ratio Lower Upper

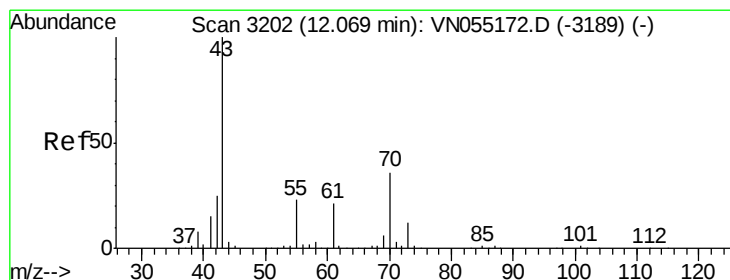
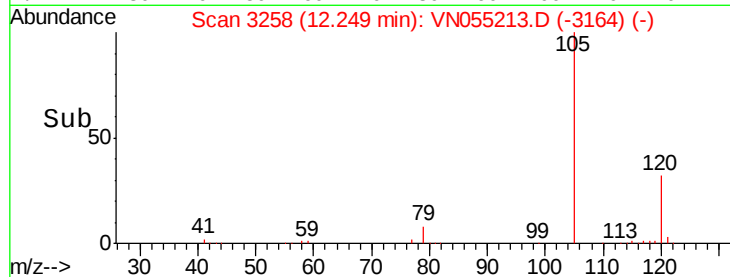
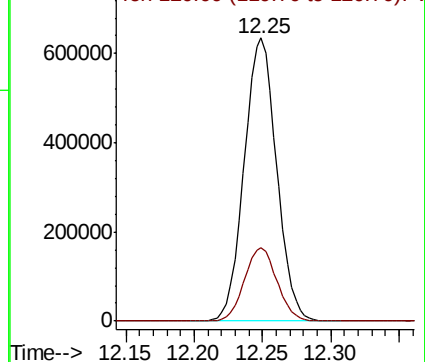
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.440 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Tgt Ion: 43 Resp: 386488

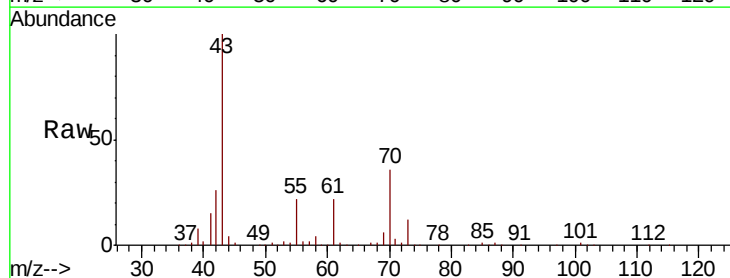
Ion Ratio Lower Upper

43 100

70 36.3 29.0 43.6

55 23.1 18.5 27.7

61 21.8 17.0 25.4

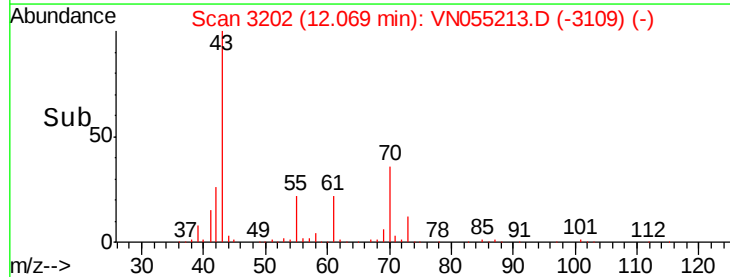
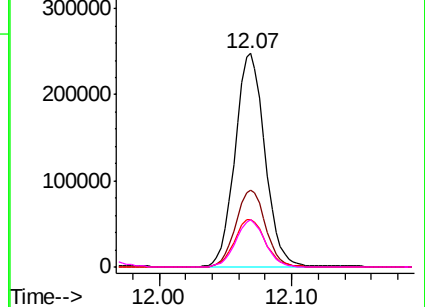


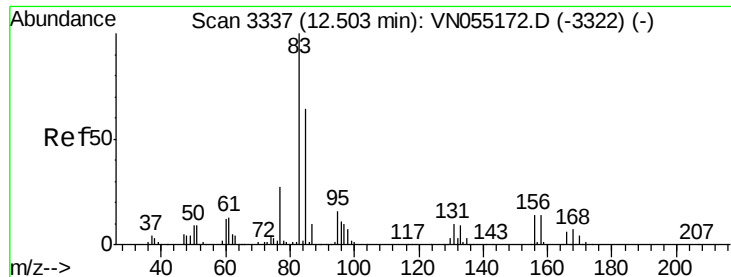
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.814 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

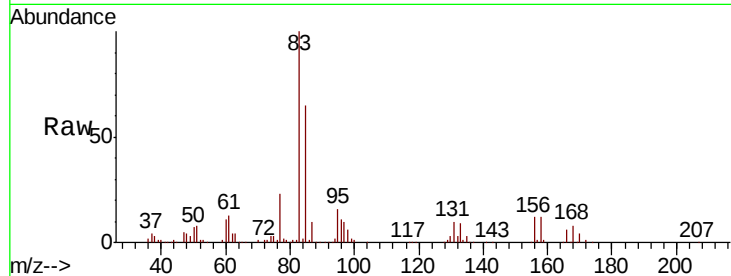
Tgt Ion: 83 Resp: 289653

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

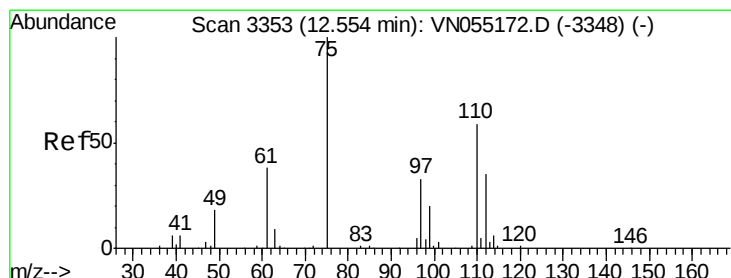
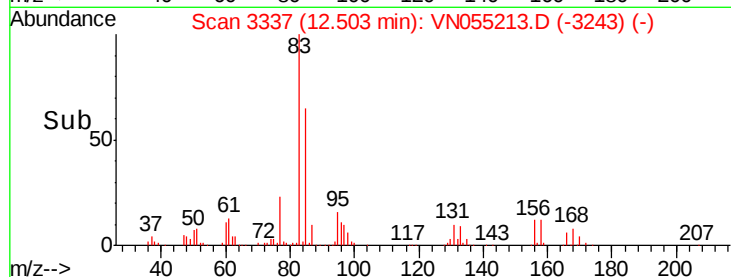
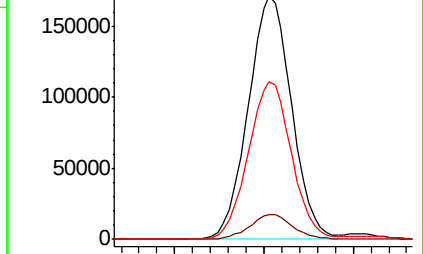
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055213.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055213.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055213.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 66.874 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055213.D

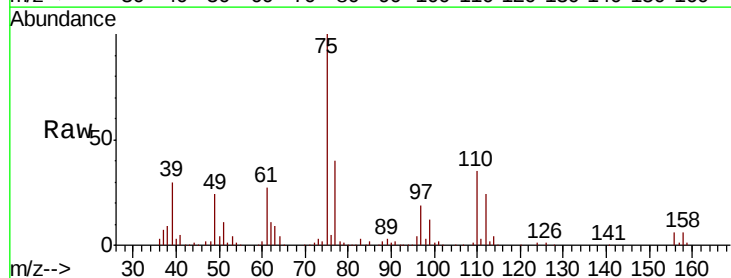
Acq: 23 Apr 2019 18:11

Tgt Ion: 75 Resp: 342152

Ion Ratio Lower Upper

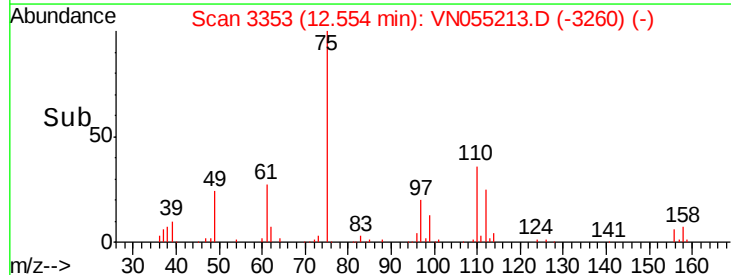
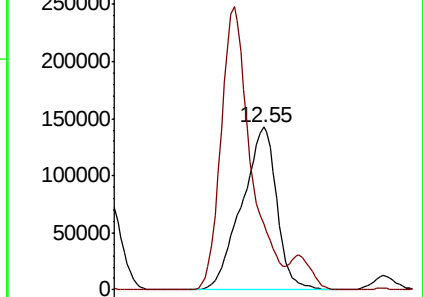
75 100

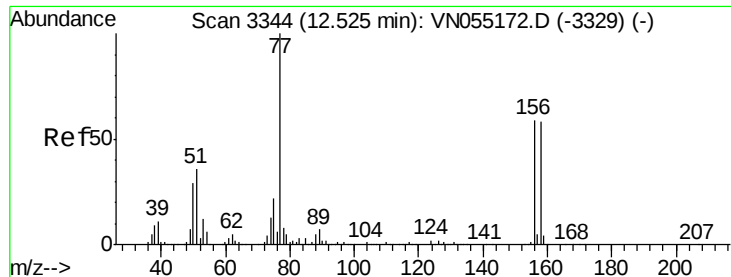
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055213.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055213.D (-3260) (-)





#77

Bromobenzene

Concen: 46.268 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

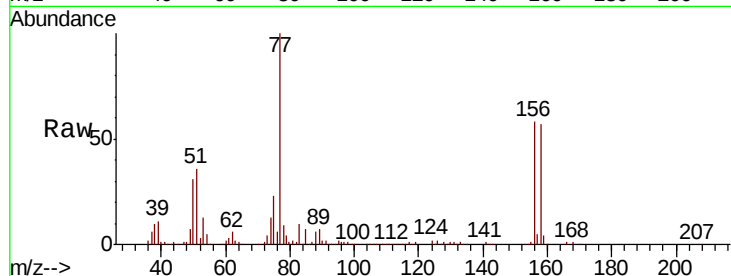
Tgt Ion:156 Resp: 257600

Ion Ratio Lower Upper

156 100

77 197.9 98.0 293.9

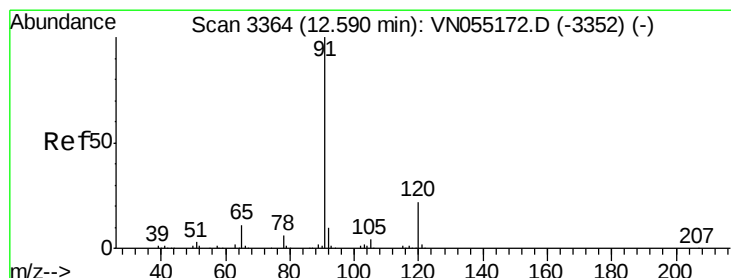
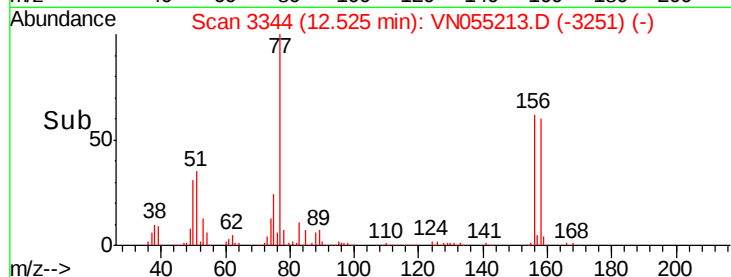
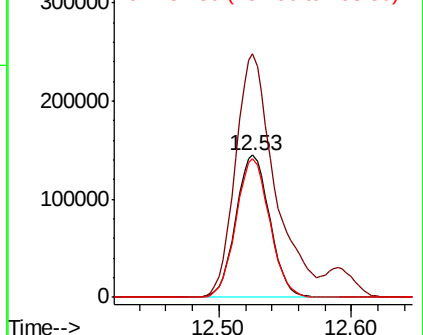
158 96.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.919 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055213.D

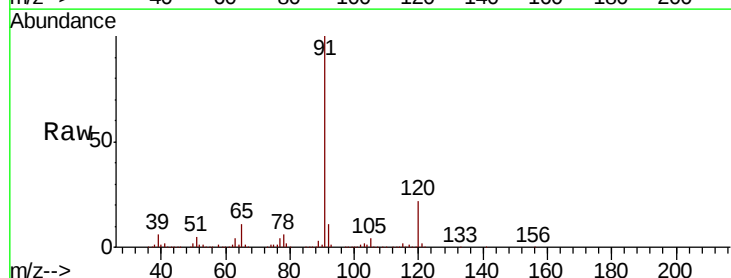
Acq: 23 Apr 2019 18:11

Tgt Ion: 91 Resp: 1161372

Ion Ratio Lower Upper

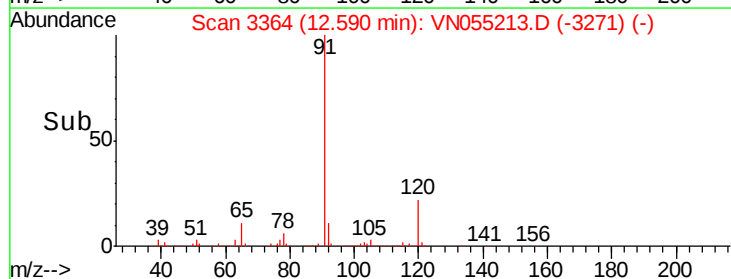
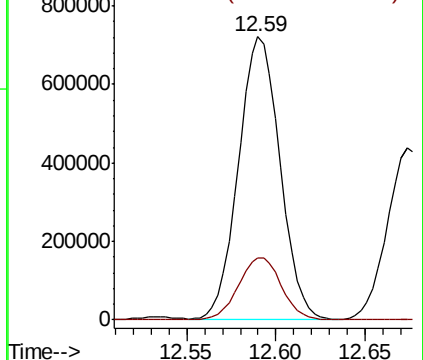
91 100

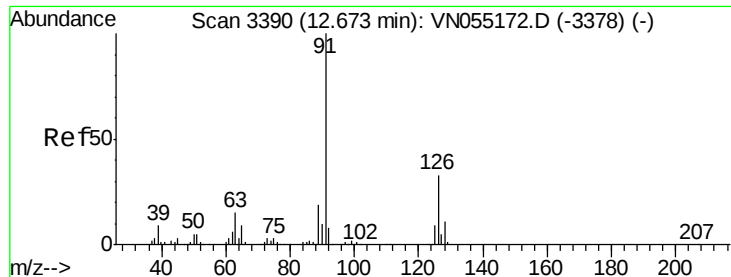
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.966 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

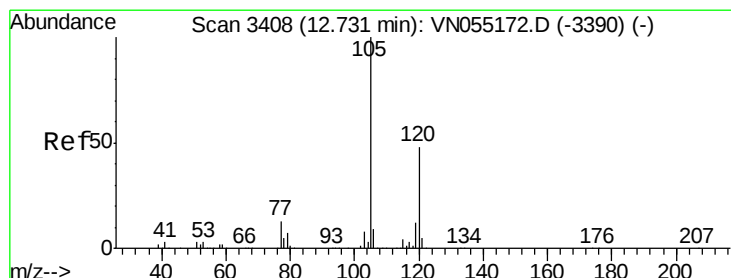
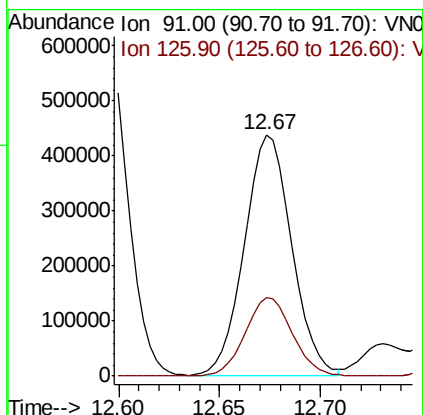
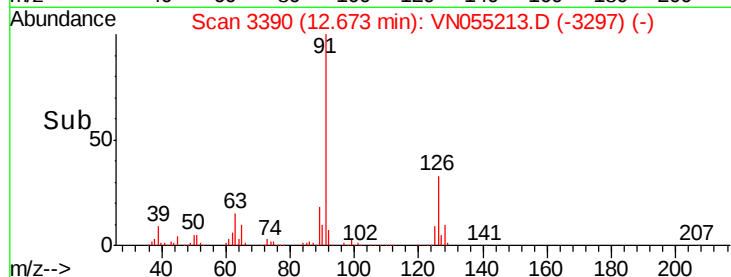
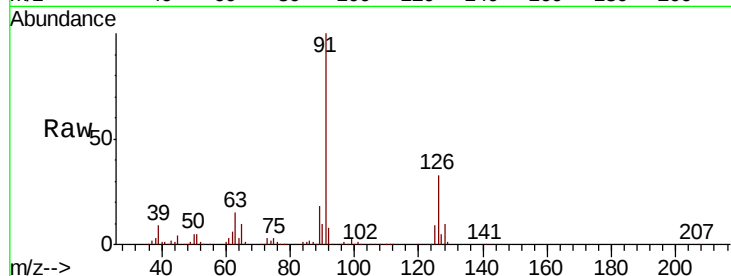
VSTDCCC050EC

Tgt Ion: 91 Resp: 718135

Ion Ratio Lower Upper

91 100

126 32.7 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 46.041 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055213.D

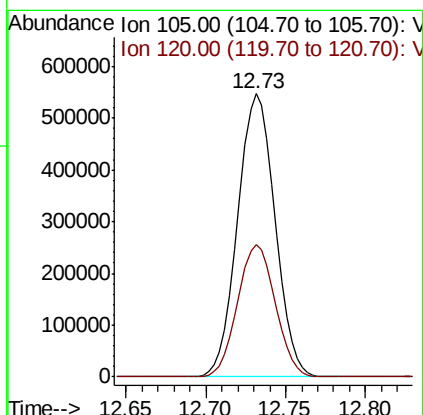
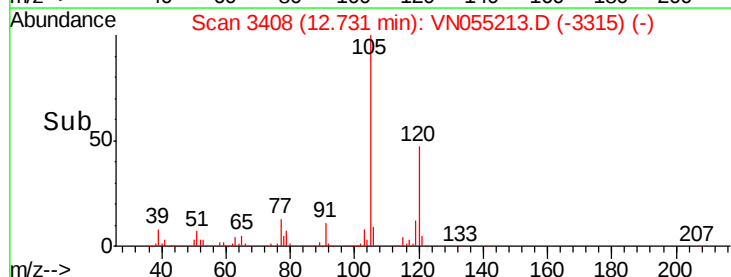
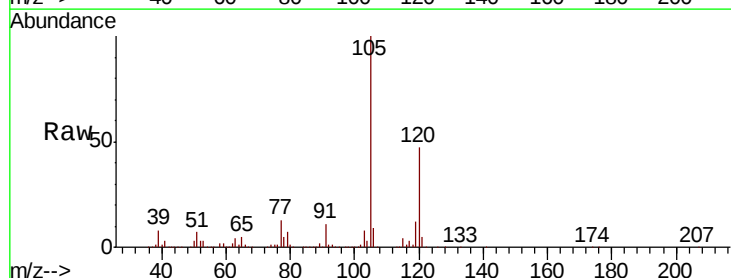
Acq: 23 Apr 2019 18:11

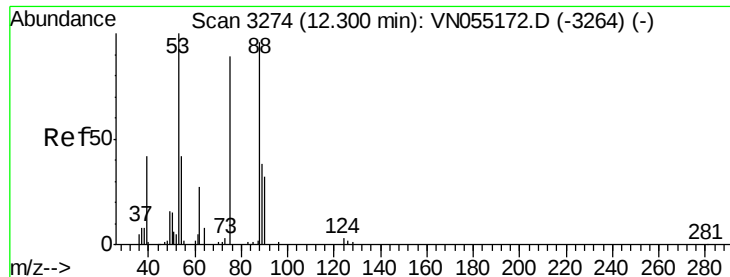
Tgt Ion: 105 Resp: 869217

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.340 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

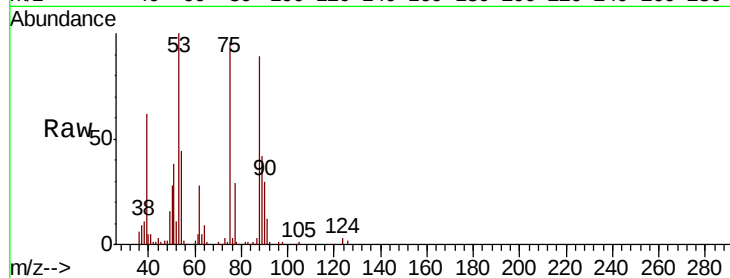
Tgt Ion: 75 Resp: 71991

Ion Ratio Lower Upper

75 100

53 109.3 90.1 135.1

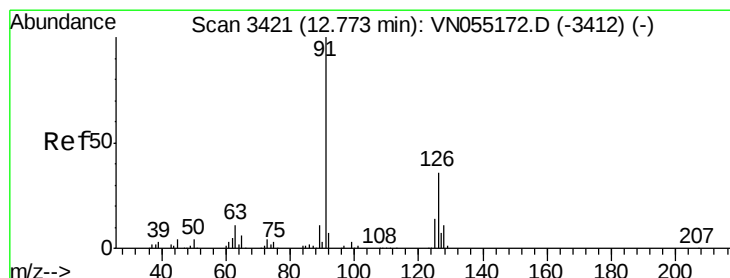
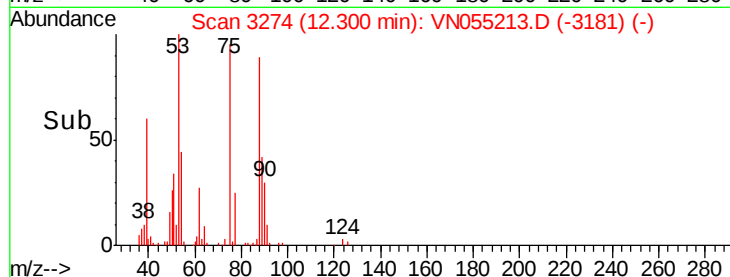
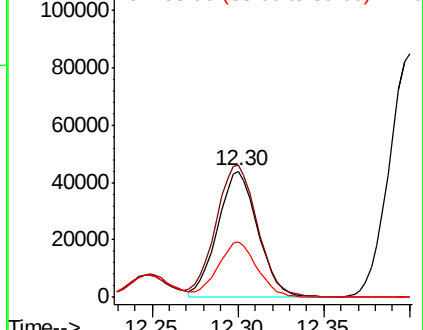
89 43.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.817 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055213.D

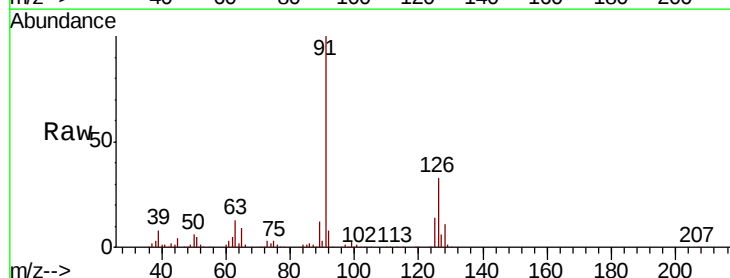
Acq: 23 Apr 2019 18:11

Tgt Ion: 91 Resp: 687924

Ion Ratio Lower Upper

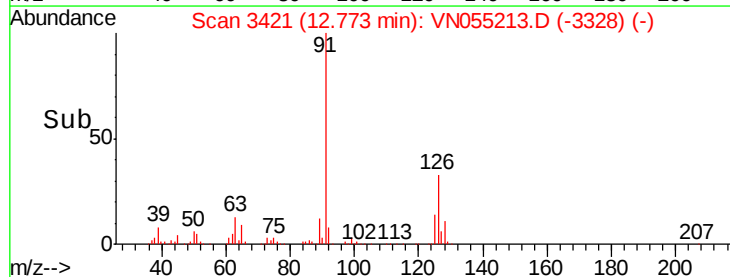
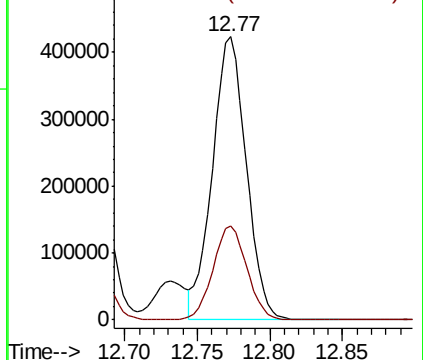
91 100

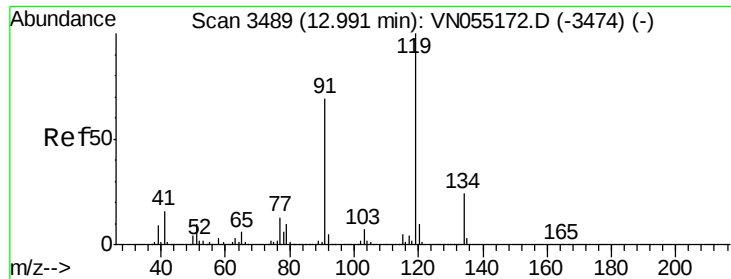
126 33.2 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

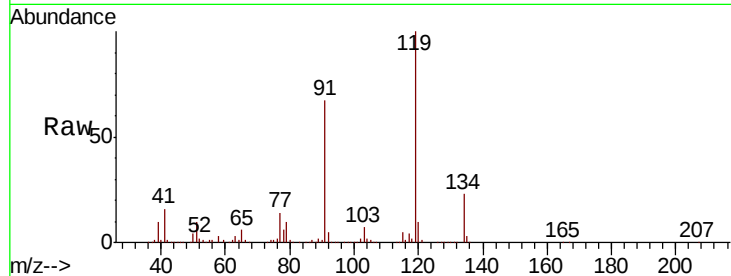




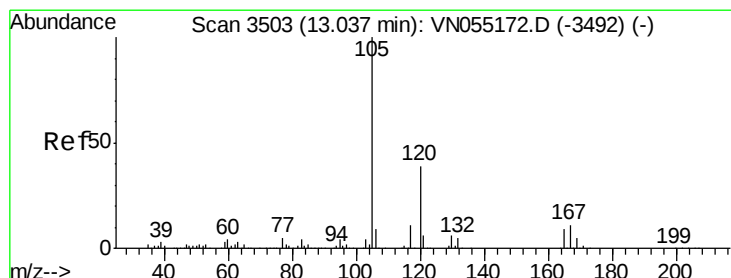
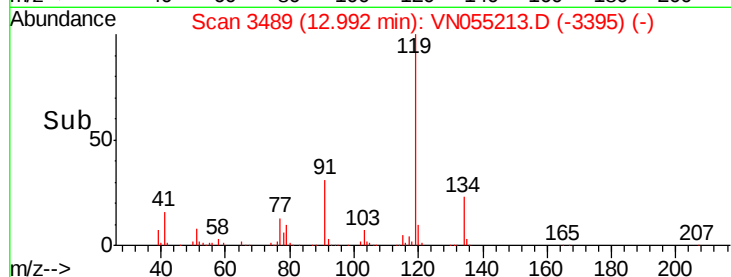
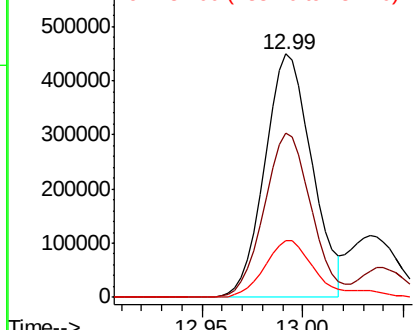
#83
 tert-Butylbenzene
 Concen: 51.616 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 731215
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.8 101.3
 134 24.0 13.2 39.5

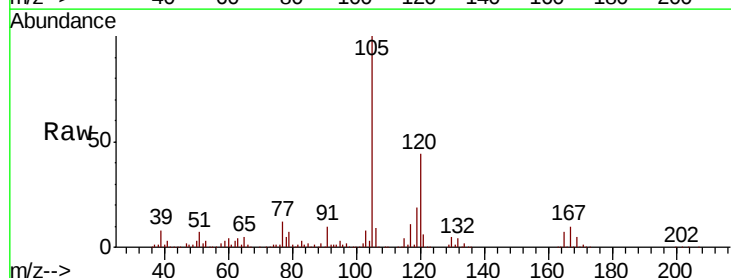


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

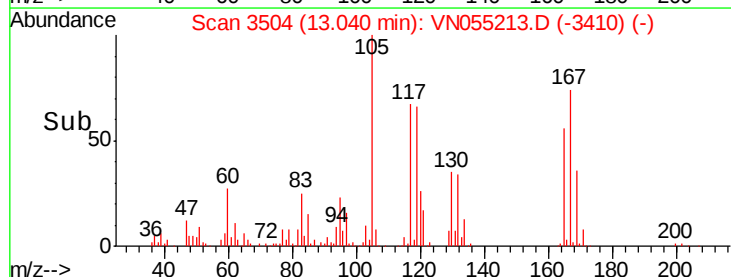
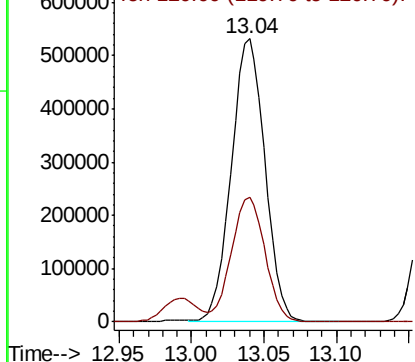


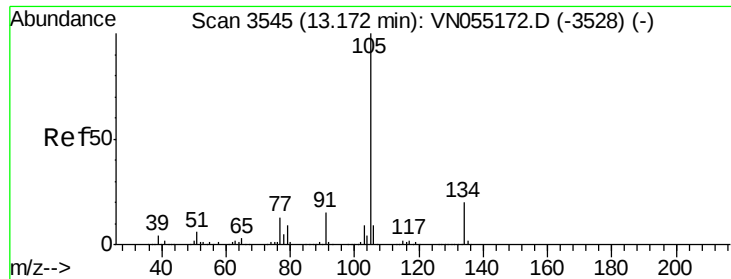
#84
 1,2,4-Trimethylbenzene
 Concen: 47.881 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:105 Resp: 853061
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

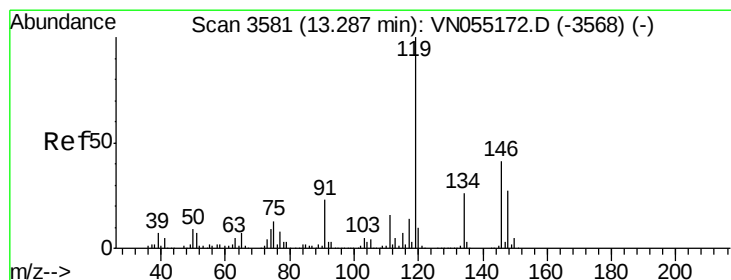
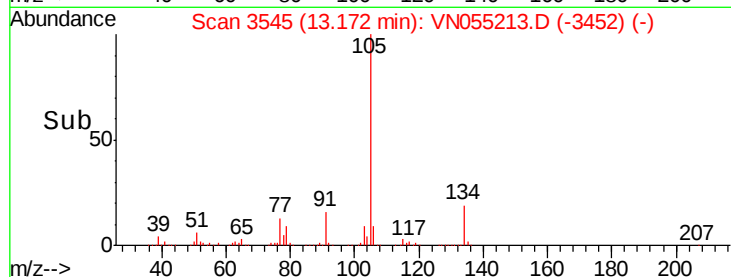
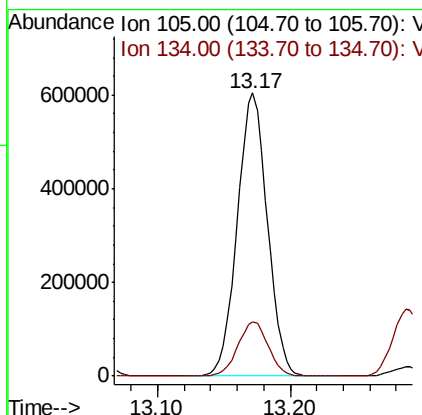
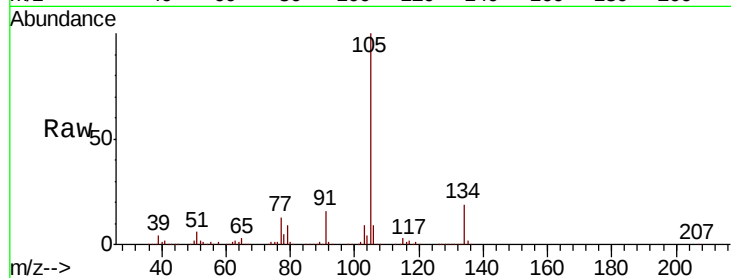




#85
 sec-Butylbenzene
 Concen: 44.501 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

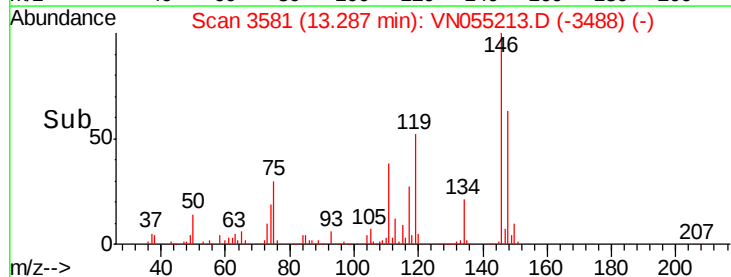
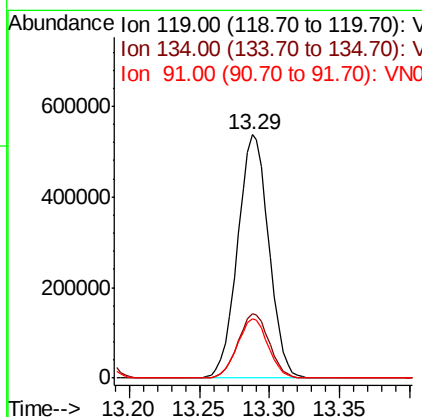
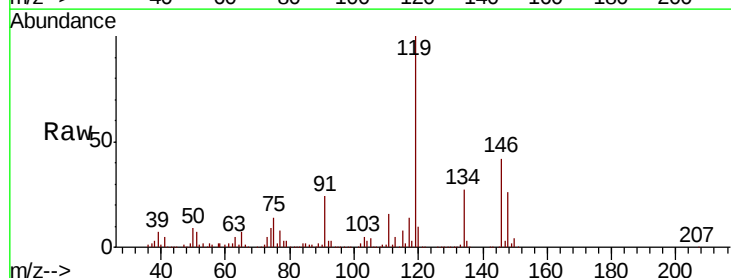
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

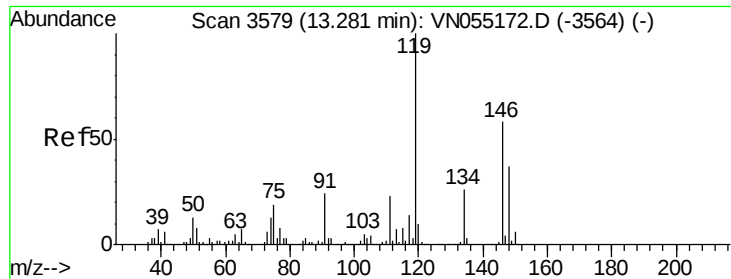
Tgt Ion:105 Resp: 950481
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 47.227 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:119 Resp: 831033
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 24.0 11.8 35.3

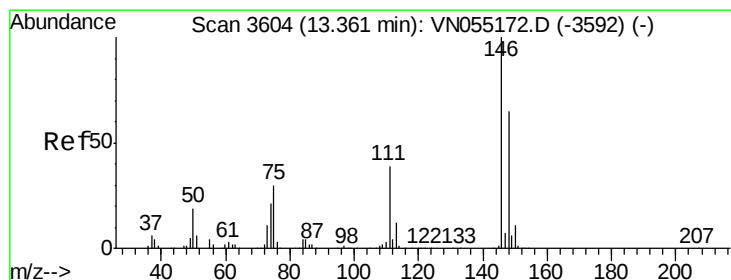
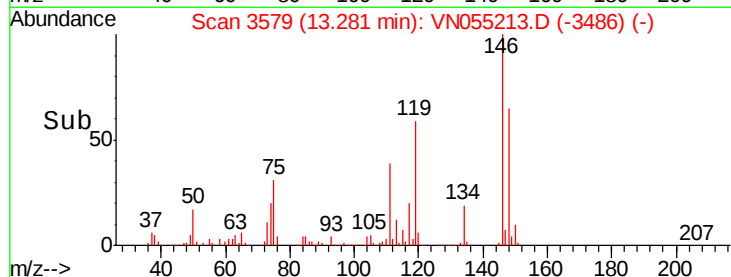
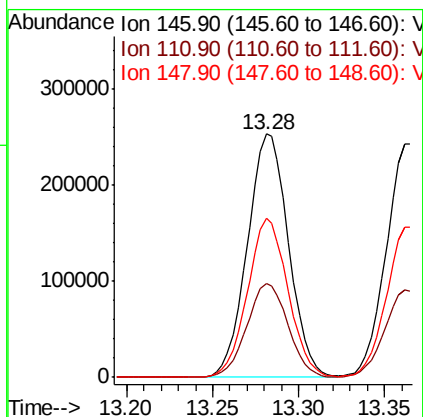
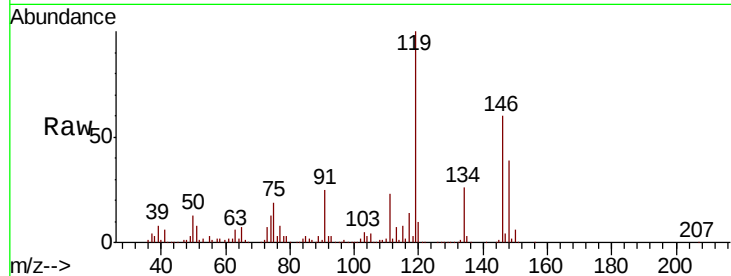




#87
 1,3-Dichlorobenzene
 Concen: 49.045 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

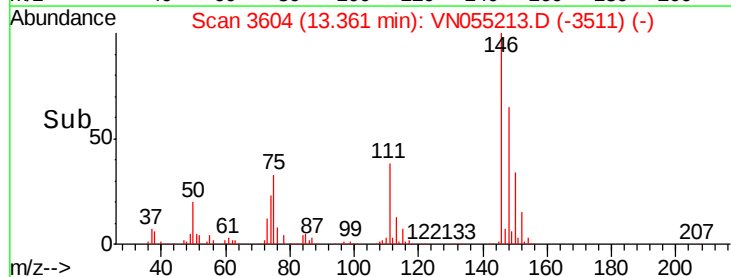
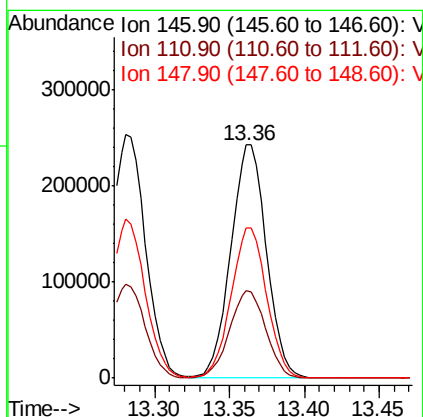
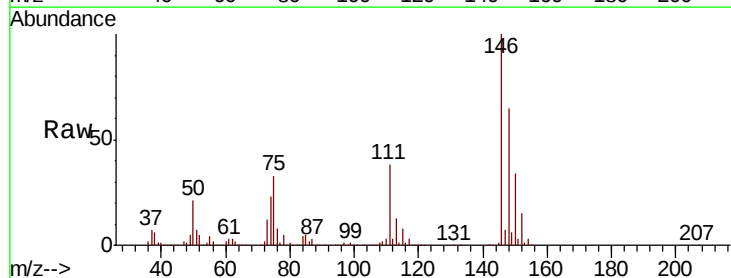
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

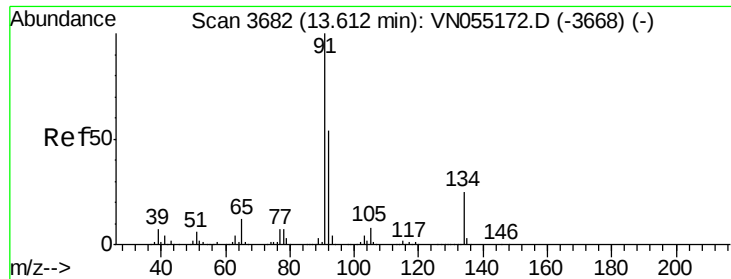
Tgt Ion:146 Resp: 419178
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.1
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.315 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:146 Resp: 402035
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 64.5 32.9 98.6





#89

n-Butylbenzene

Concen: 51.539 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

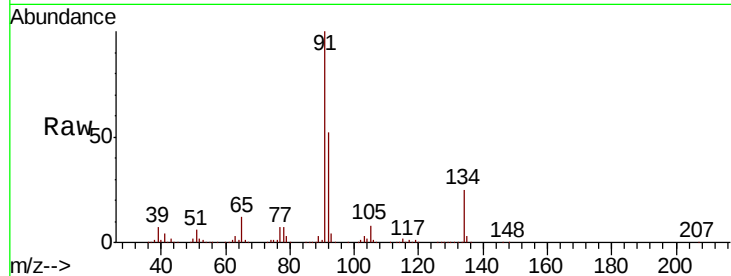
Tgt Ion: 91 Resp: 672215

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

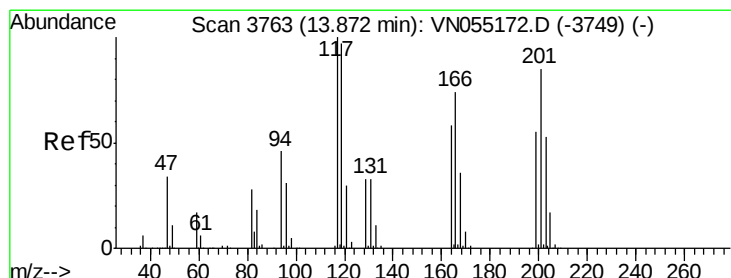
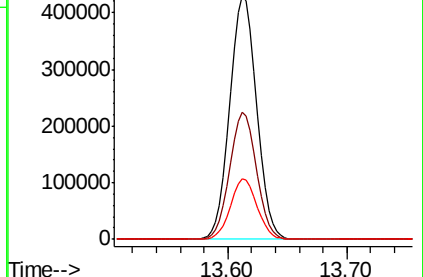
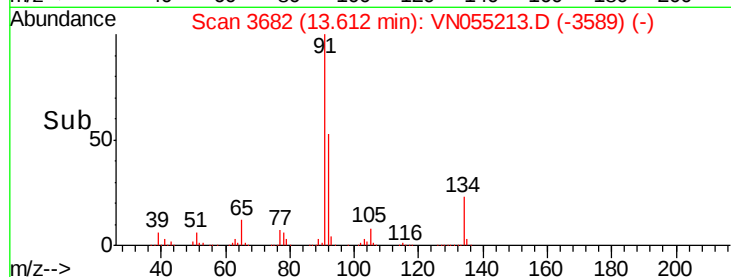
134 24.7 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055213.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055213.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055213.D (-3682) (-)



#90

Hexachloroethane

Concen: 43.650 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055213.D

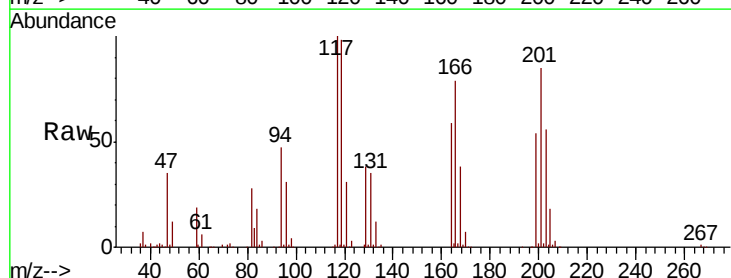
Acq: 23 Apr 2019 18:11

Tgt Ion: 117 Resp: 136221

Ion Ratio Lower Upper

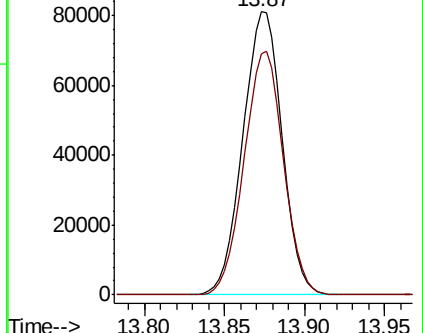
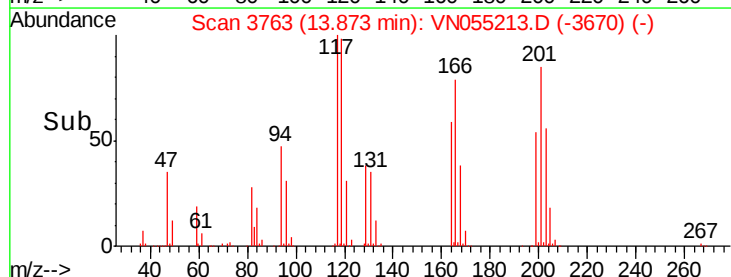
117 100

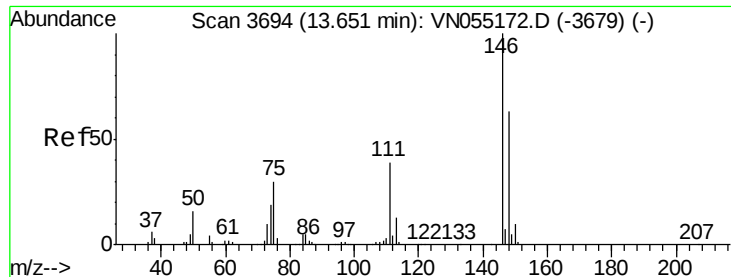
201 86.2 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055213.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055213.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 46.671 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

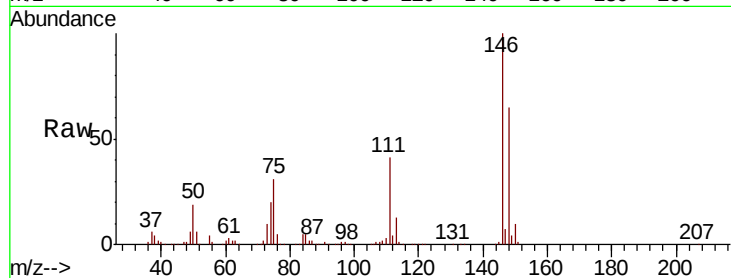
Tgt Ion:146 Resp: 409707

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.3

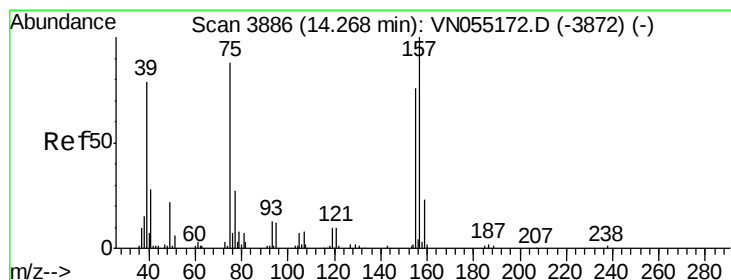
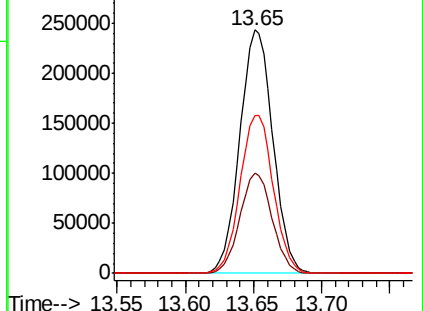
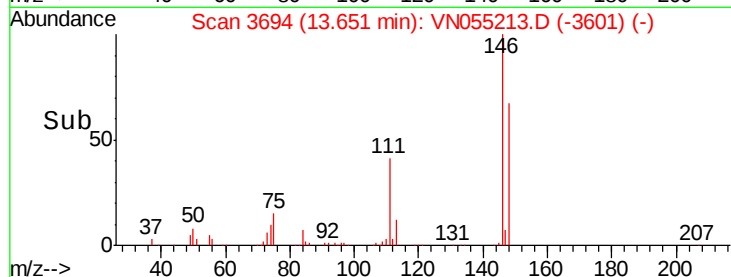
148 65.1 31.7 95.1



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: 54.281 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

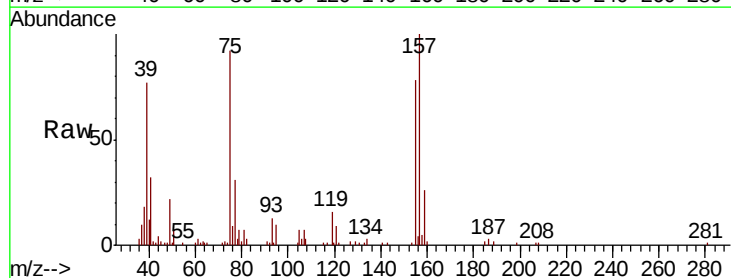
Tgt Ion: 75 Resp: 41569

Ion Ratio Lower Upper

75 100

155 87.2 43.0 129.0

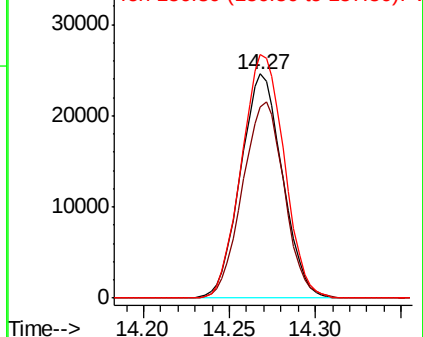
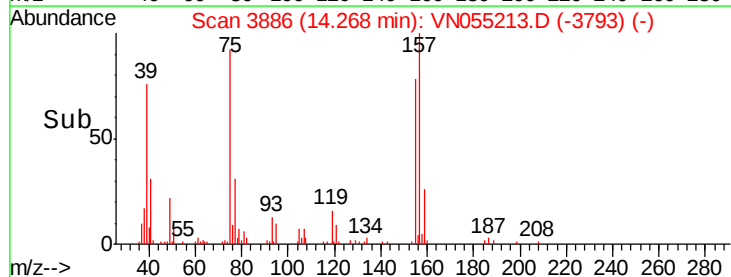
157 110.6 55.7 167.1

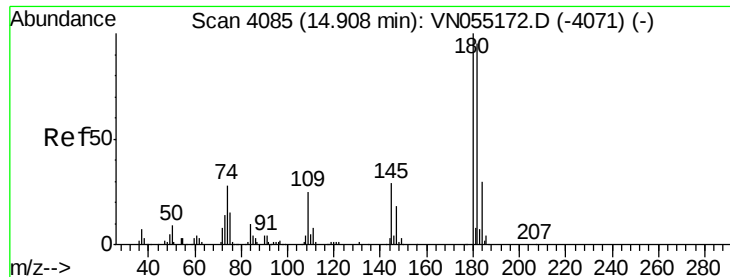


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

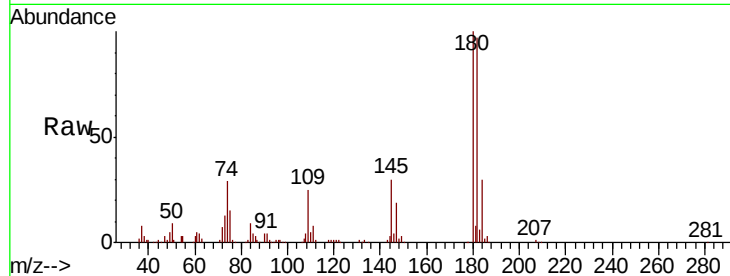




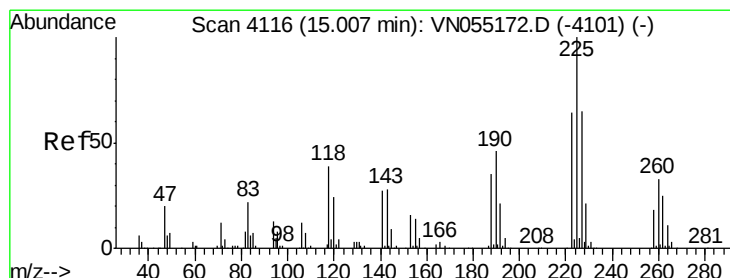
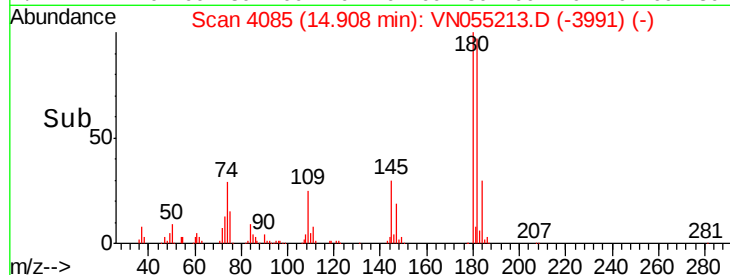
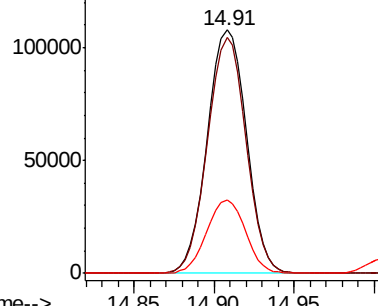
#93
 1,2,4-Trichlorobenzene
 Concen: 48.577 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 179855
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 29.8 14.5 43.5

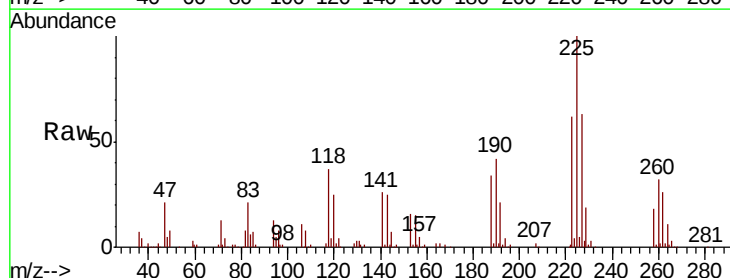


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

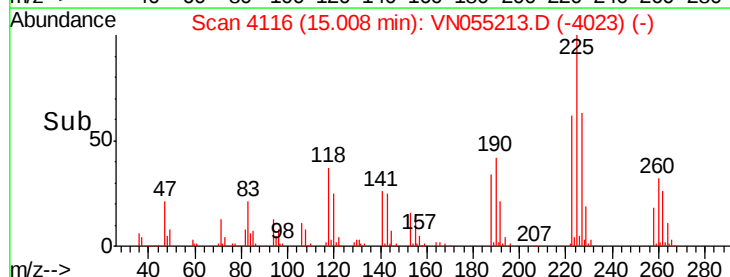
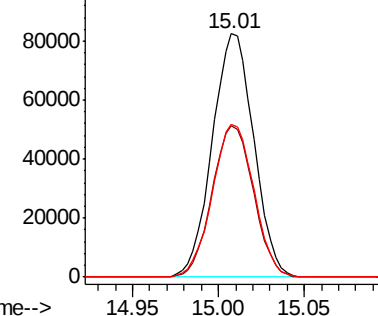


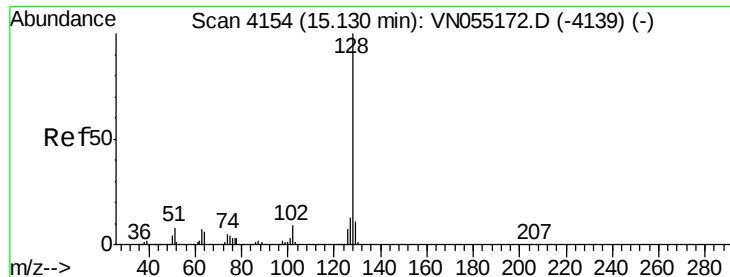
#94
 Hexachlorobutadiene
 Concen: 54.234 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055213.D
 Acq: 23 Apr 2019 18:11

Tgt Ion:225 Resp: 138089
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.2 96.6
 227 62.8 32.6 98.0



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





#95

Naphthalene

Concen: 49.953 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

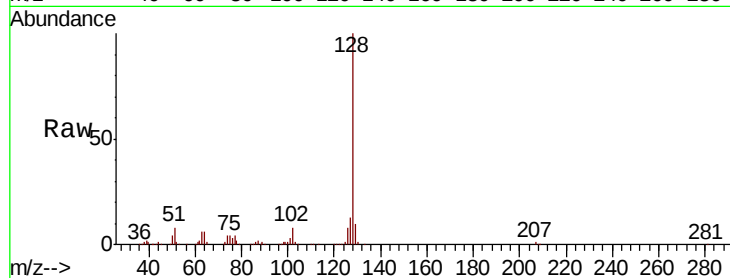
Tgt Ion:128 Resp: 404959

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.5 8.8 13.2

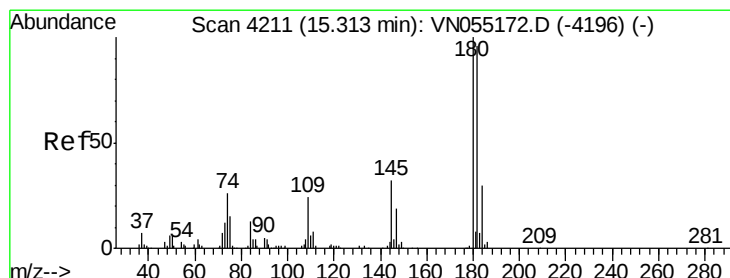
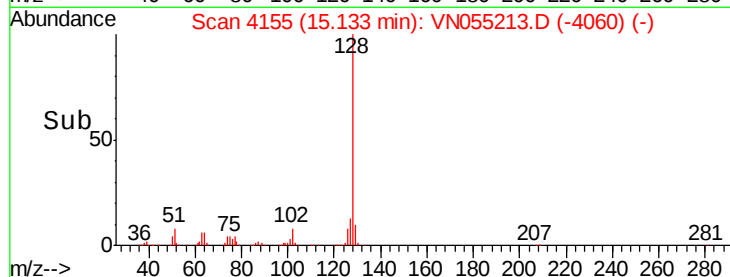
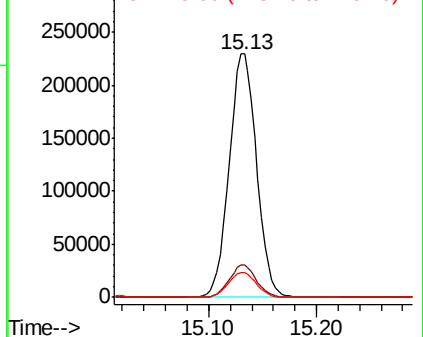


Abundance

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: 49.151 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055213.D

Acq: 23 Apr 2019 18:11

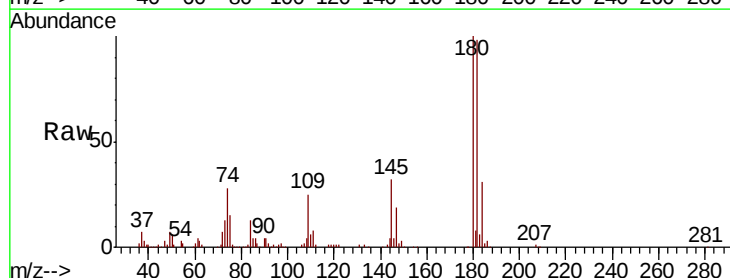
Tgt Ion:180 Resp: 180898

Ion Ratio Lower Upper

180 100

182 96.7 47.2 141.6

145 30.9 15.4 46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

