

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057590.D
 Acq On : 30 Aug 2019 15:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Aug 31 00:46:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	463102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	721446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	714147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	360907	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.58	113	290068	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	10.08	98	1162819	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	415217	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	242726	46.645	ug/l	97
3) Chloromethane	2.06	50	224807	43.270	ug/l	96
4) Vinyl Chloride	2.18	62	354327	46.228	ug/l	100
5) Bromomethane	2.54	94	343002	51.968	ug/l	99
6) Chloroethane	2.69	64	247439	48.150	ug/l	97
7) Trichlorofluoromethane	3.01	101	805710	50.608	ug/l	99
8) Diethyl Ether	3.40	74	248711	47.018	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.73	101	481087	51.597	ug/l #	84
10) Methyl Iodide	3.93	142	775888	50.836	ug/l	94
11) Tert butyl alcohol	4.80	59	160627	214.888	ug/l	98
12) 1,1-Dichloroethene	3.72	96	444627	50.673	ug/l #	71
13) Acrolein	3.59	56	136162	212.738	ug/l	100
14) Allyl chloride	4.30	41	296482	46.162	ug/l #	81
15) Acrylonitrile	4.97	53	433121	234.021	ug/l	100
16) Acetone	3.81	43	885503	289.009	ug/l	94
17) Carbon Disulfide	4.02	76	475499	39.641	ug/l	99
18) Methyl Acetate	4.31	43	213137	50.629	ug/l #	91
19) Methyl tert-butyl Ether	5.03	73	747211	44.704	ug/l	92
20) Methylene Chloride	4.53	84	235862	41.555	ug/l #	83
21) trans-1,2-Dichloroethene	5.01	96	242722	44.221	ug/l	86
22) Diisopropyl ether	5.94	45	715767	49.713	ug/l #	93
23) Vinyl Acetate	5.88	43	2902972	258.024	ug/l #	91
24) 1,1-Dichloroethane	5.83	63	448192	47.275	ug/l	97
25) 2-Butanone	6.83	43	642733	265.764	ug/l #	84
26) 2,2-Dichloropropane	6.81	77	440973	45.557	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	308291	46.377	ug/l	84
28) Bromochloromethane	7.18	49	212479	53.317	ug/l #	55
29) Tetrahydrofuran	7.20	42	378759	250.431	ug/l #	79
30) Chloroform	7.36	83	533606	45.355	ug/l	98
31) Cyclohexane	7.64	56	411552	46.743	ug/l #	85
32) 1,1,1-Trichloroethane	7.55	97	500934	47.898	ug/l	95
36) 1,1-Dichloropropene	7.78	75	384845	49.312	ug/l	95
37) Ethyl Acetate	6.92	43	250537	48.452	ug/l #	93
38) Carbon Tetrachloride	7.76	117	419049	45.917	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	497587	50.111	ug/l	88
40) Benzene	8.03	78	1148950	48.073	ug/l	99
41) Methacrylonitrile	7.16	41	113516	48.033	ug/l #	85
42) 1,2-Dichloroethane	8.11	62	431017	50.667	ug/l	98
43) Isopropyl Acetate	8.16	43	476705	49.392	ug/l #	92
44) Trichloroethene	8.82	130	327281	49.589	ug/l	84
45) 1,2-Dichloropropane	9.11	63	280494	50.224	ug/l	99
46) Dibromomethane	9.20	93	214664	49.016	ug/l #	88
47) Bromodichloromethane	9.40	83	437727	48.481	ug/l	99
48) Methyl methacrylate	9.19	41	221037	48.491	ug/l #	79
49) 1,4-Dioxane	9.20	88	83030	998.126	ug/l #	79
51) 4-Methyl-2-Pentanone	9.98	43	1367412	265.089	ug/l	91
52) Toluene	10.15	92	790104	51.027	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	442264	50.687	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	469278	49.656	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	296869	49.850	ug/l	97
56) Ethyl methacrylate	10.43	69	413253	52.135	ug/l #	81
57) 1,3-Dichloropropane	10.70	76	482670	50.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	544702	292.897	ug/l #	84
59) 2-Hexanone	10.75	43	982074	275.758	ug/l	88
60) Dibromochloromethane	10.90	129	362192	53.319	ug/l	98
61) 1,2-Dibromoethane	11.00	107	328355	52.690	ug/l	96
64) Tetrachloroethene	10.63	164	328144	44.738	ug/l	93
65) Chlorobenzene	11.43	112	897360	50.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	337173	47.695	ug/l	97
67) Ethyl Benzene	11.51	91	1637692	52.026	ug/l	97
68) m/p-Xylenes	11.62	106	1270443	105.967	ug/l	90
69) o-Xylene	11.95	106	609932	50.660	ug/l	93
70) Styrene	11.96	104	1010200	55.588	ug/l	94
71) Bromoform	12.13	173	224541	47.582	ug/l #	99
73) Isopropylbenzene	12.25	105	1676762	50.587	ug/l	97
74) N-amyl acetate	12.07	43	403409	52.830	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	384045	52.216	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	485503	75.277	ug/l #	100
77) Bromobenzene	12.53	156	385755	43.612	ug/l	72
78) n-propylbenzene	12.59	91	1799117	47.466	ug/l	95
79) 2-Chlorotoluene	12.68	91	1058878	44.849	ug/l	91
80) 1,3,5-Trimethylbenzene	12.73	105	1416087	47.164	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	106550	44.684	ug/l	94
82) 4-Chlorotoluene	12.77	91	1064076	48.577	ug/l	91
83) tert-Butylbenzene	12.99	119	1235798	54.425	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	1396222	50.844	ug/l	98
85) sec-Butylbenzene	13.17	105	1609537	48.771	ug/l	98
86) p-Isopropyltoluene	13.29	119	1437896	50.691	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	650058	50.605	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	625509	50.778	ug/l	96
89) n-Butylbenzene	13.62	91	1139312	53.021	ug/l	97
90) Hexachloroethane	13.88	117	239278	40.086	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	621722	51.857	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61235	45.530	ug/l	72

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QLast Update : Fri Aug 30 11:59:03 2019
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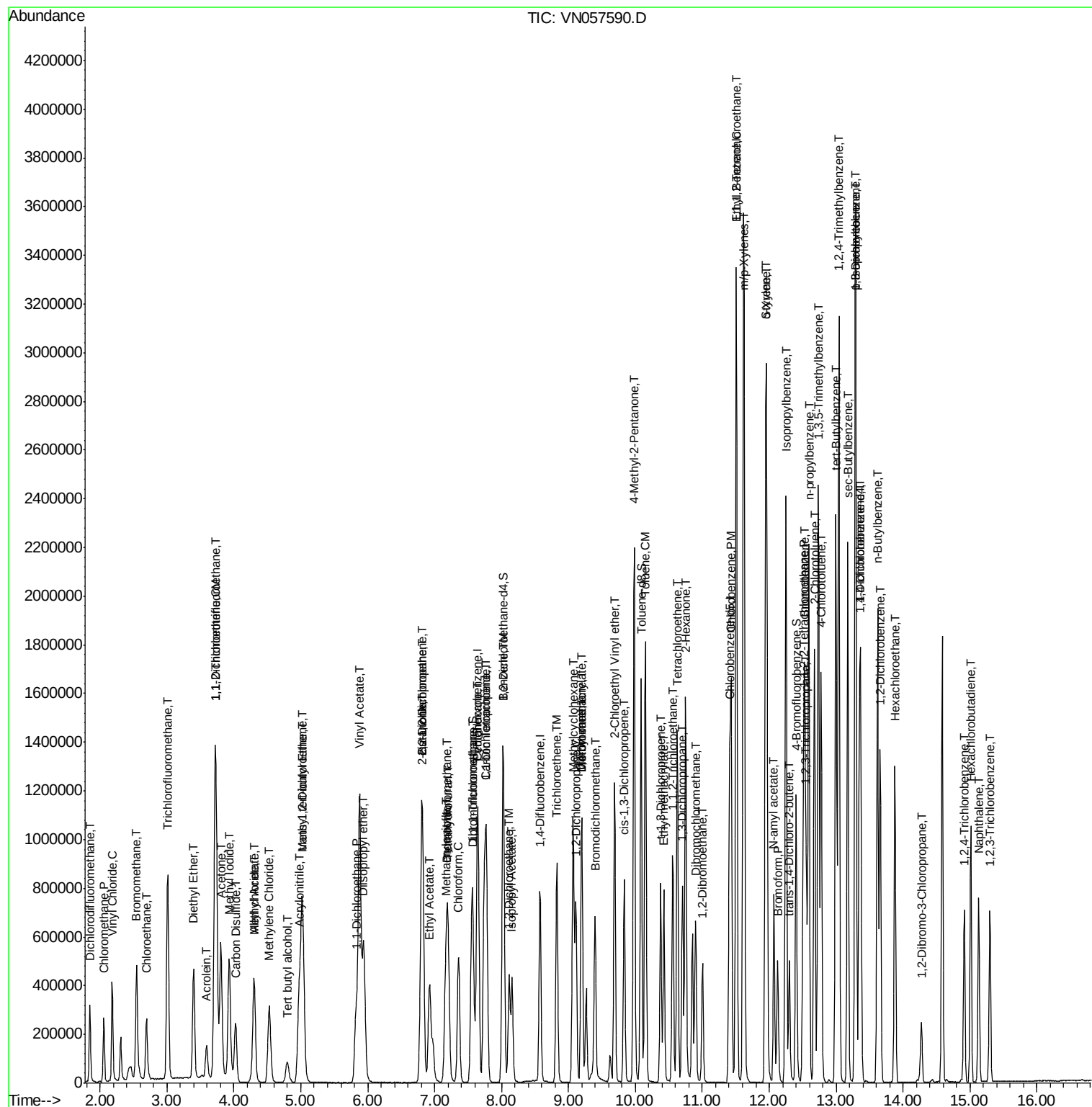
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	225497	45.703	ug/l	98
94) Hexachlorobutadiene	15.01	225	185760	47.013	ug/l	100
95) Naphthalene	15.13	128	644929	54.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	218159	53.841	ug/l	98

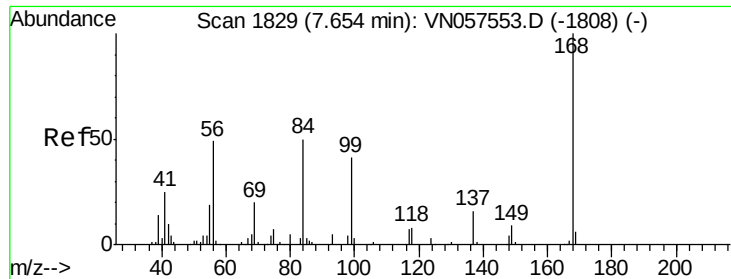
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

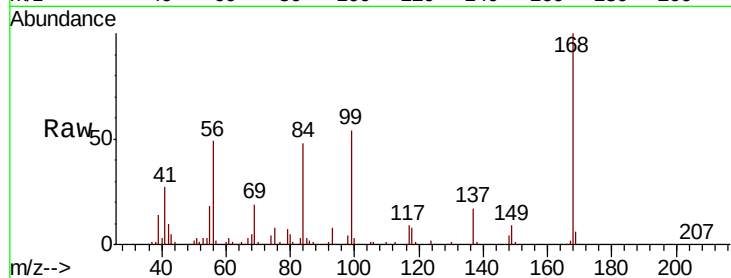
BFB

Tgt Ion:168 Resp: 463102

Ion Ratio Lower Upper

168 100

99 54.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

200000

150000

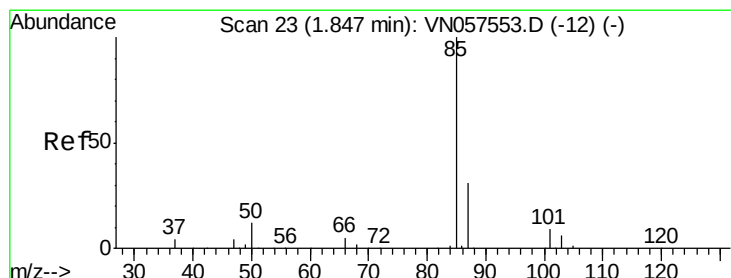
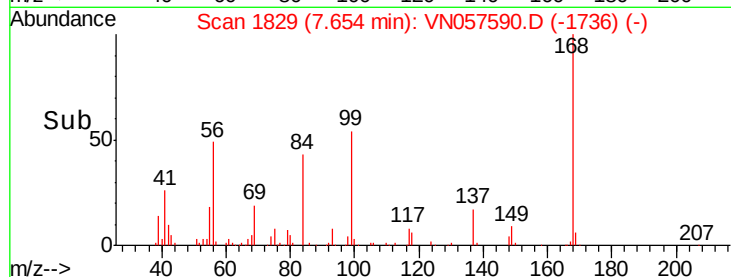
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 46.645 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN057590.D

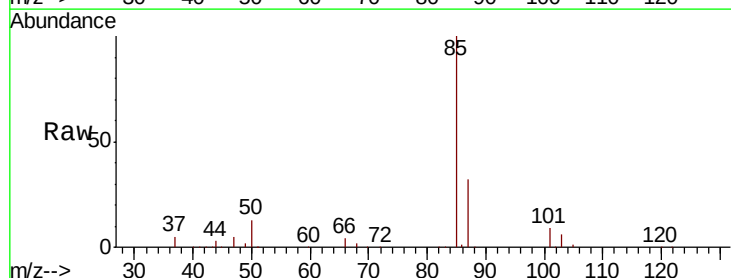
Acq: 30 Aug 2019 15:41

Tgt Ion: 85 Resp: 242726

Ion Ratio Lower Upper

85 100

87 32.1 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN057553.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN057553.D (-12) (-)

1.85

200000

150000

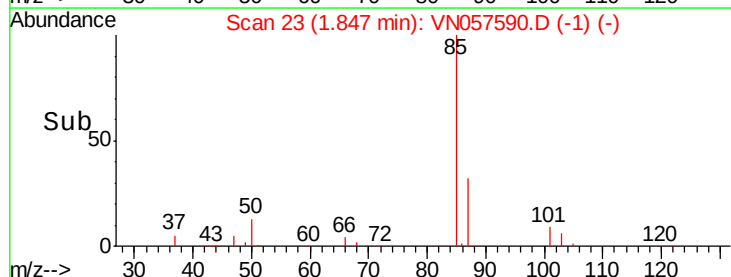
100000

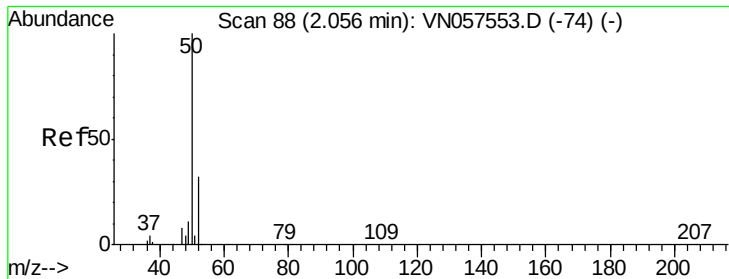
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.270 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

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ClientSampleId :

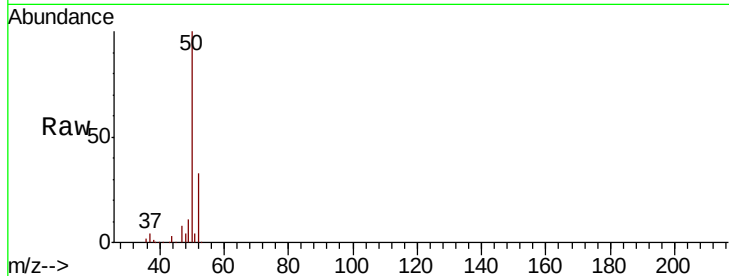
BFB

Tgt Ion: 50 Resp: 224807

Ion Ratio Lower Upper

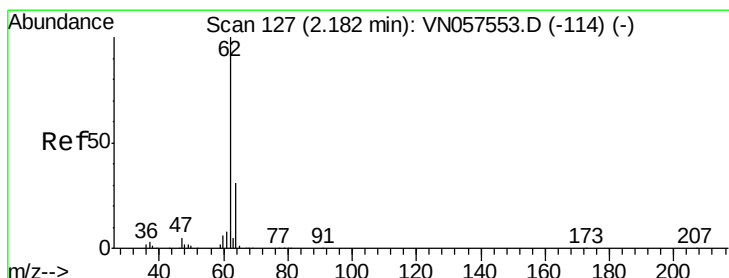
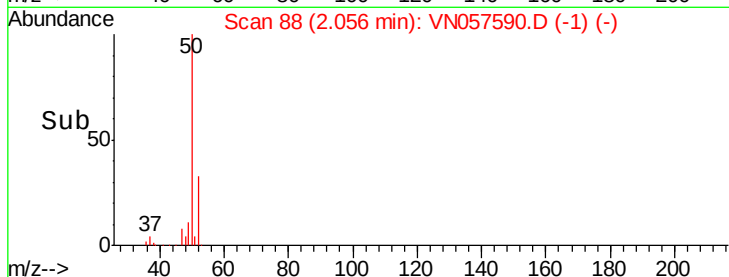
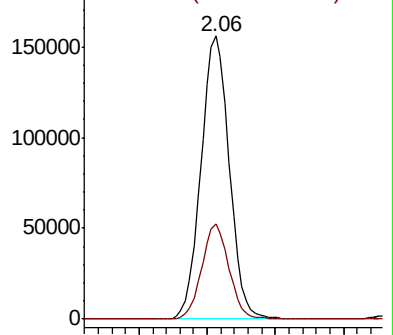
50 100

52 33.5 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.228 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN057590.D

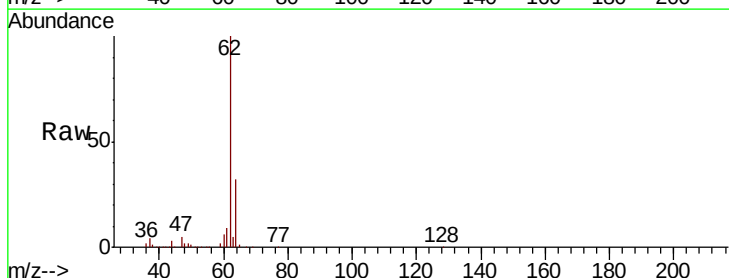
Acq: 30 Aug 2019 15:41

Tgt Ion: 62 Resp: 354327

Ion Ratio Lower Upper

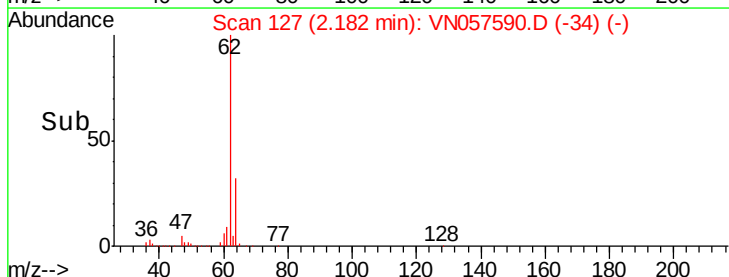
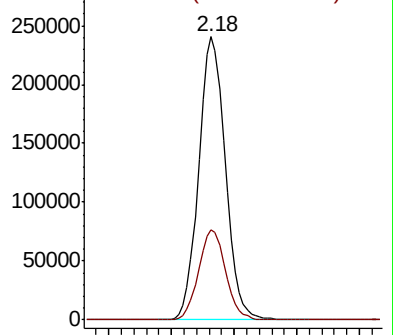
62 100

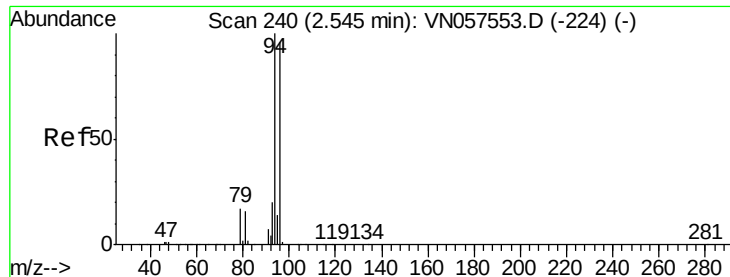
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 51.968 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.00 min

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ClientSampleId :

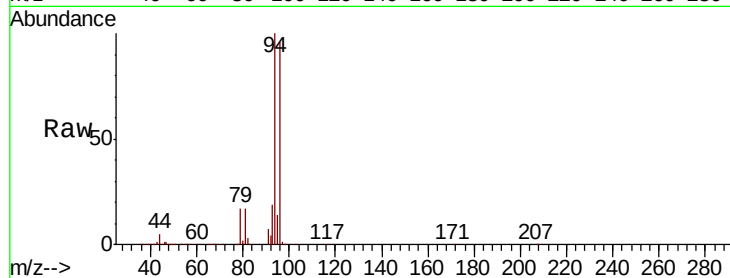
BFB

Tgt Ion: 94 Resp: 343002

Ion Ratio Lower Upper

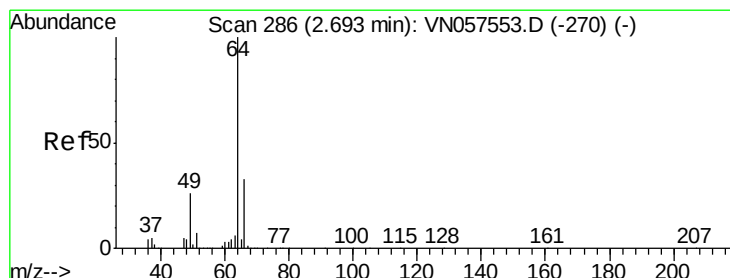
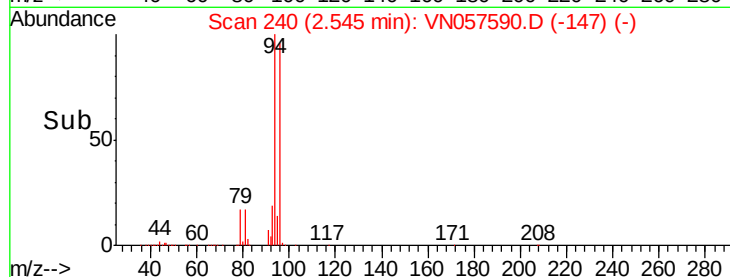
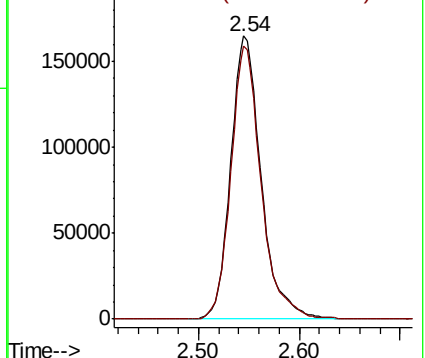
94 100

96 96.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.150 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.00 min

Lab File: VN057590.D

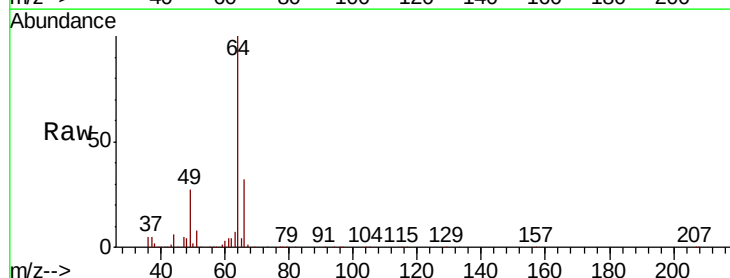
Acq: 30 Aug 2019 15:41

Tgt Ion: 64 Resp: 247439

Ion Ratio Lower Upper

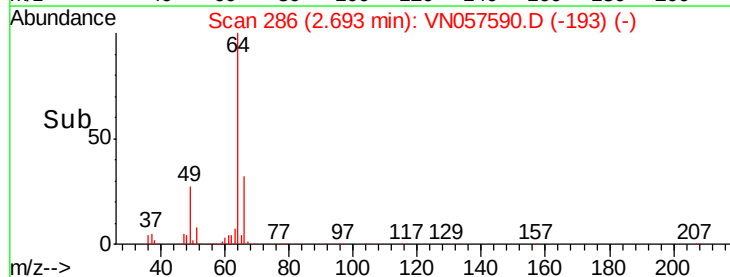
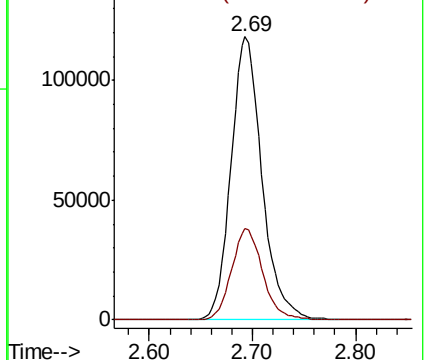
64 100

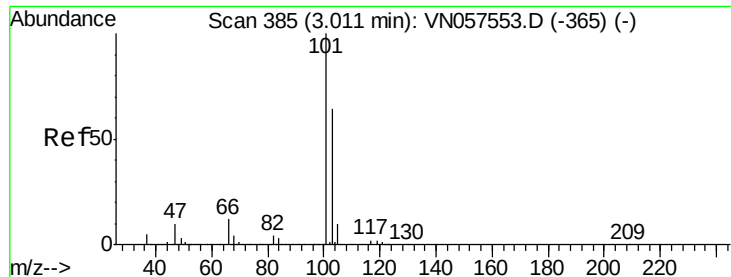
66 32.1 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



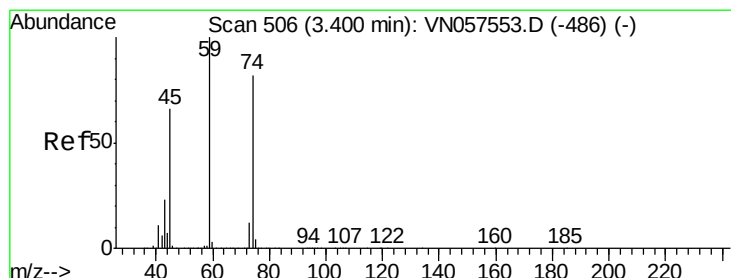
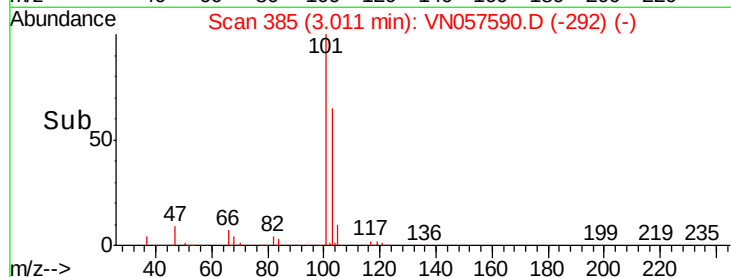
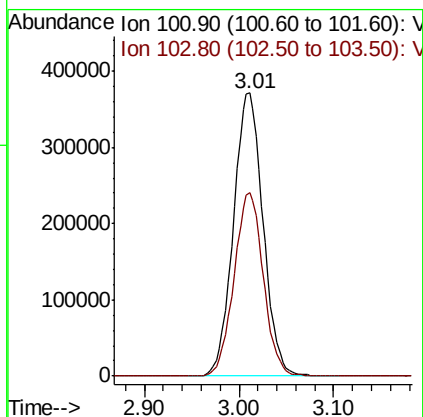
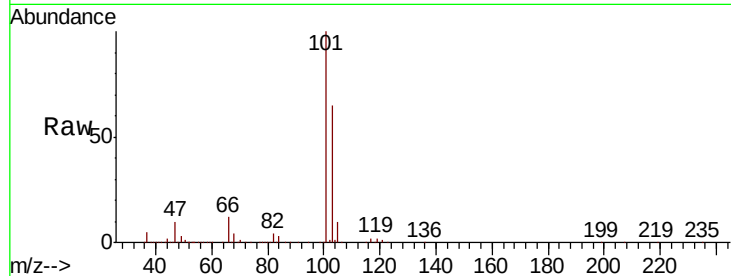


#7

Trichlorofluoromethane
 Concen: 50.608 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
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 ClientSampled :
 BFB

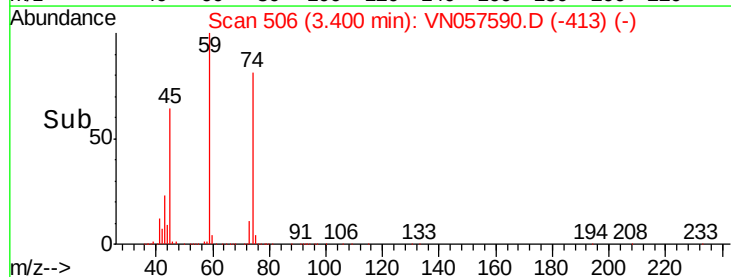
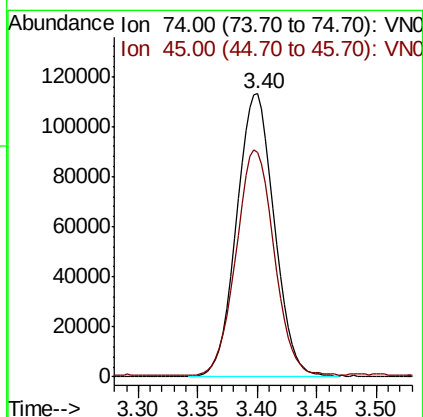
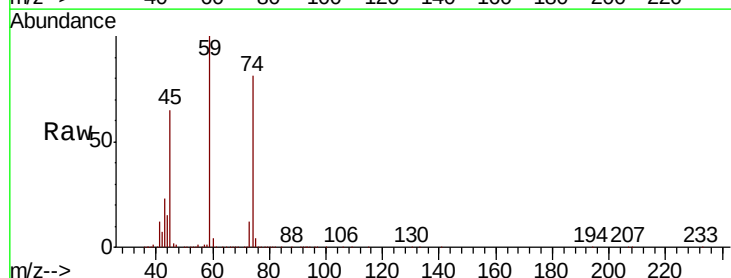
Tgt Ion: 101 Resp: 805710
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

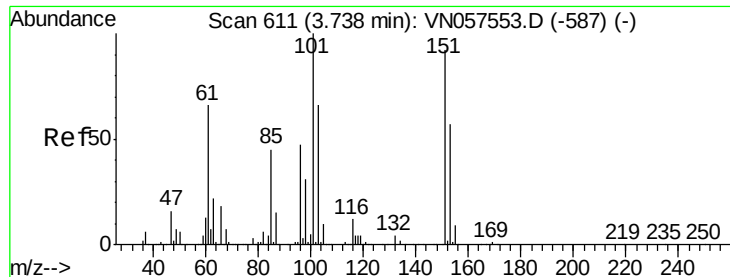


#8

Diethyl Ether
 Concen: 47.018 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 74 Resp: 248711
 Ion Ratio Lower Upper
 74 100
 45 80.8 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.597 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

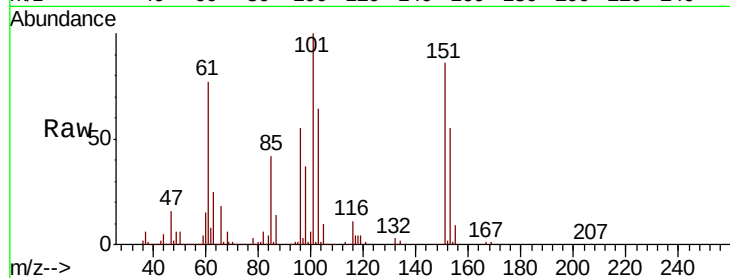
Tgt Ion:101 Resp: 481087

Ion Ratio Lower Upper

101 100

85 42.7 40.0 60.0

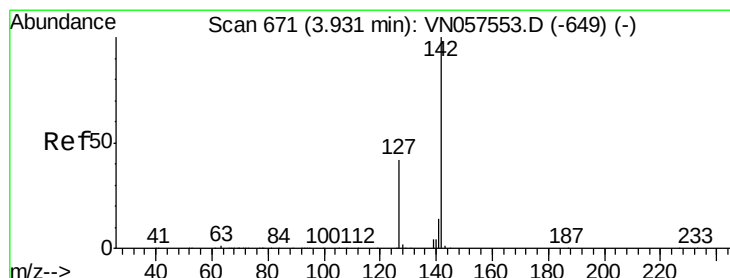
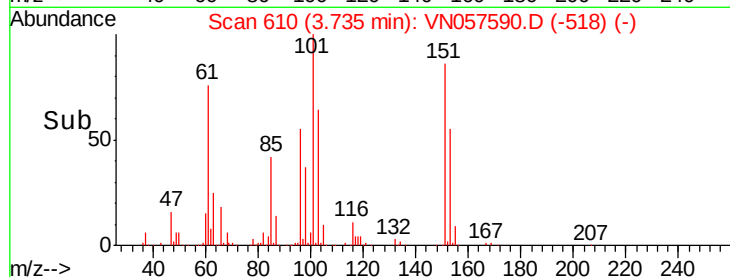
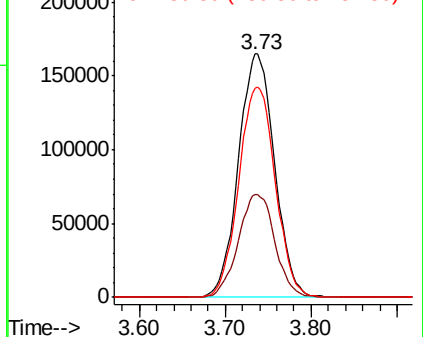
151 87.3 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.836 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

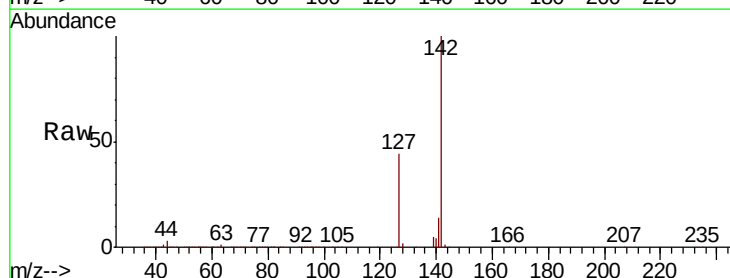
Tgt Ion:142 Resp: 775888

Ion Ratio Lower Upper

142 100

127 42.5 37.8 56.8

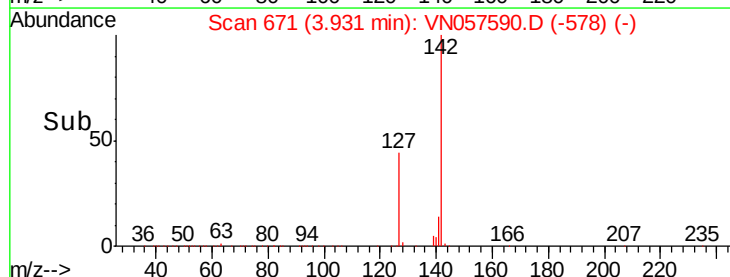
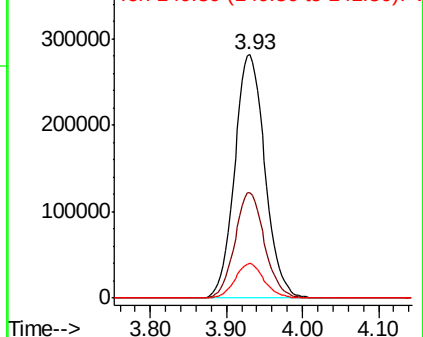
141 13.6 11.9 17.9

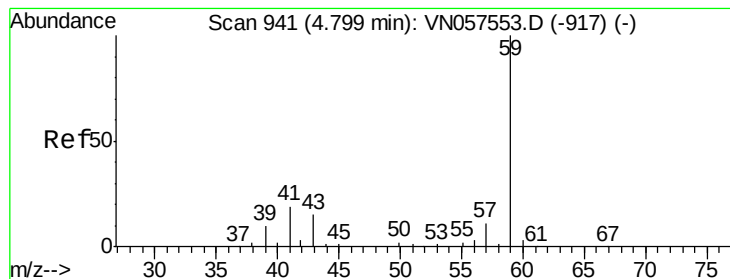


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



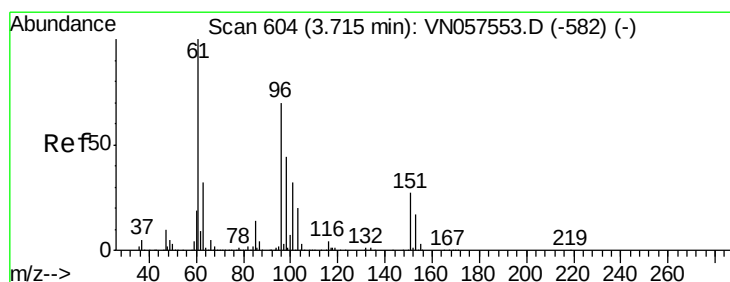
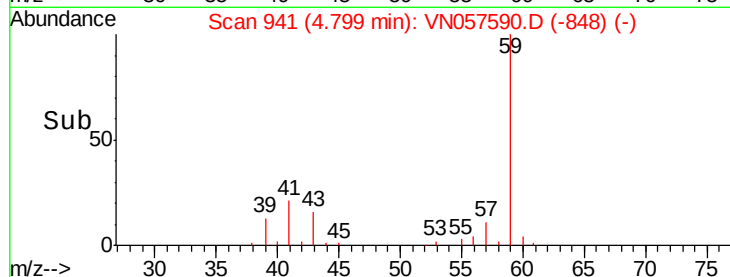
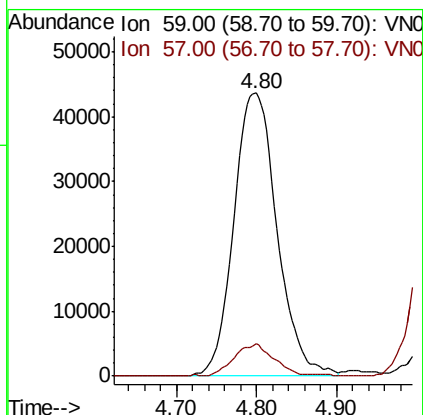
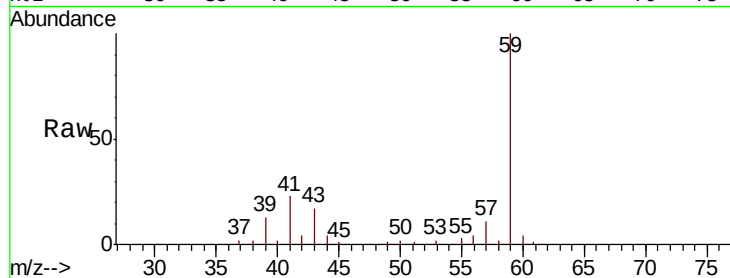


#11

Tert butyl alcohol
 Concen: 214.888 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

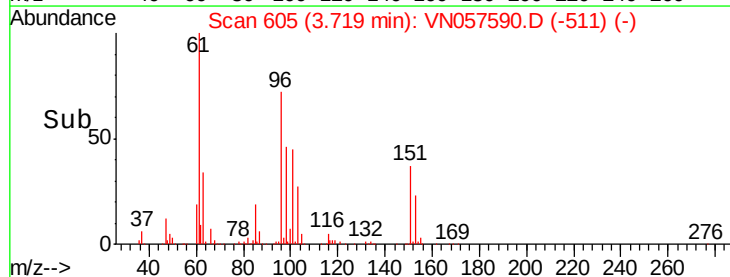
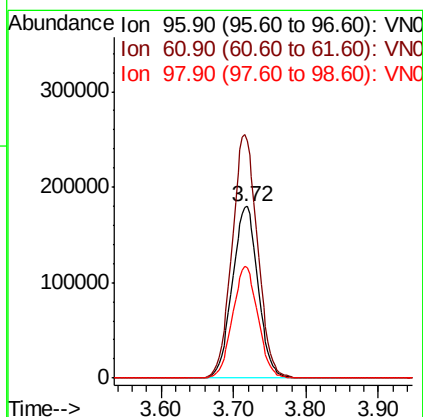
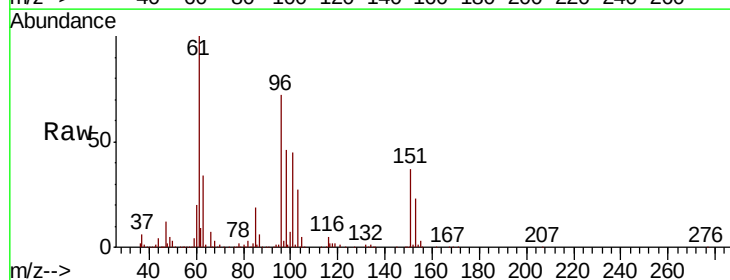
Tgt Ion: 59 Resp: 160627
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.1 13.7

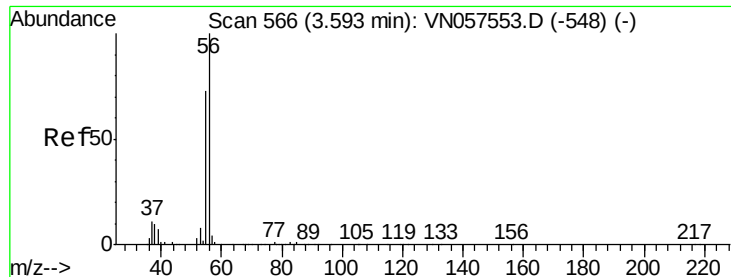


#12

1,1-Dichloroethene
 Concen: 50.673 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 96 Resp: 444627
 Ion Ratio Lower Upper
 96 100
 61 137.9 155.3 232.9#
 98 64.0 50.2 75.2





#13

Acrolein

Concen: 212.738 ug/l

RT: 3.59 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

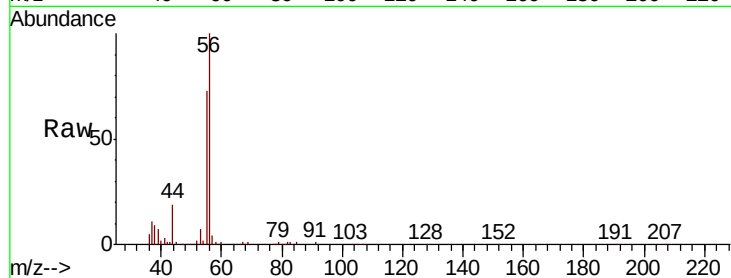
BFB

Tgt Ion: 56 Resp: 136162

Ion Ratio Lower Upper

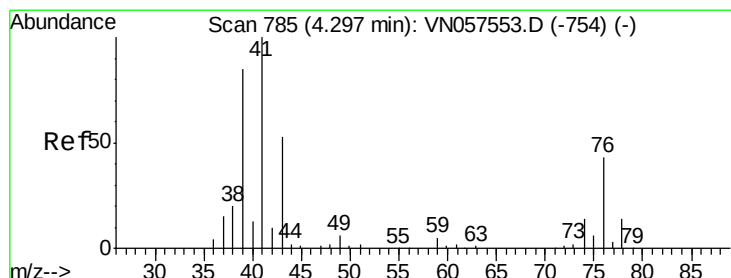
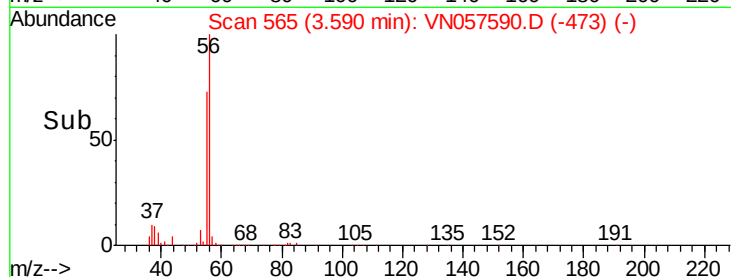
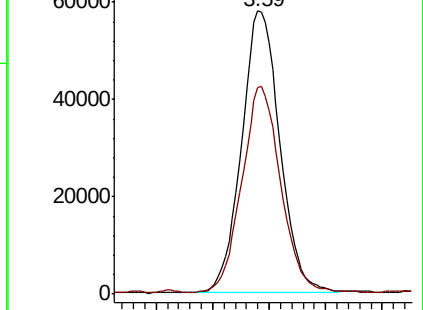
56 100

55 73.9 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN057553.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN057553.D (-548) (-)



#14

Allyl chloride

Concen: 46.162 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

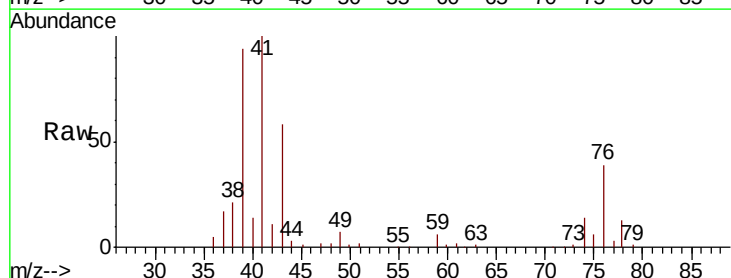
Tgt Ion: 41 Resp: 296482

Ion Ratio Lower Upper

41 100

39 88.0 57.4 86.2#

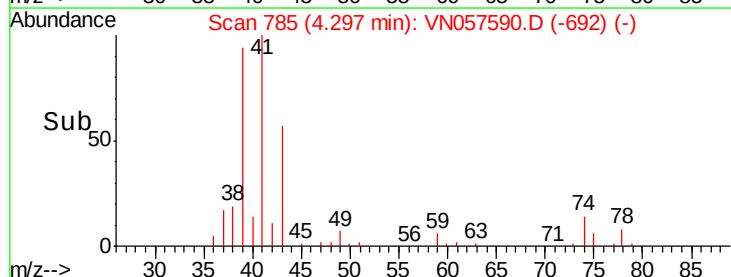
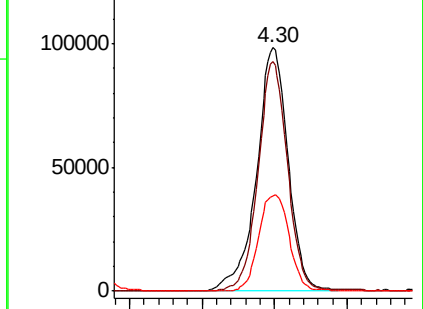
76 38.4 22.9 34.3#

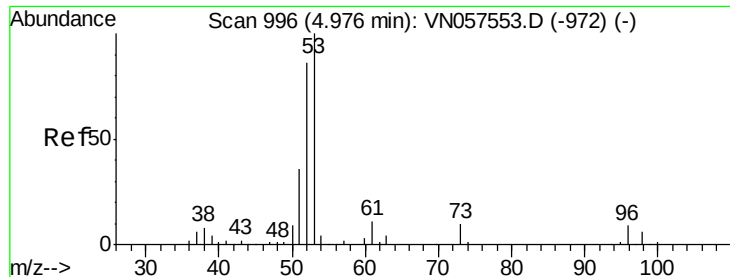


Abundance Ion 41.00 (40.70 to 41.70): VN057553.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN057553.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN057553.D (-754) (-)





#15

Acrylonitrile

Concen: 234.021 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

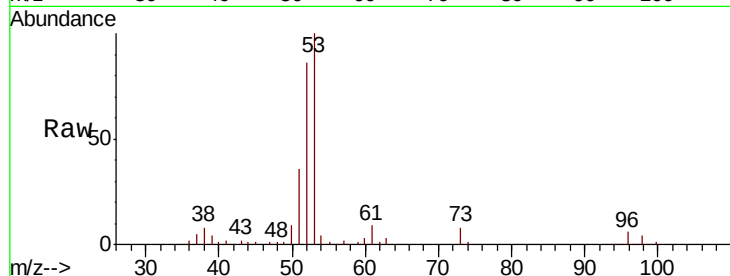
Tgt Ion: 53 Resp: 433121

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.6

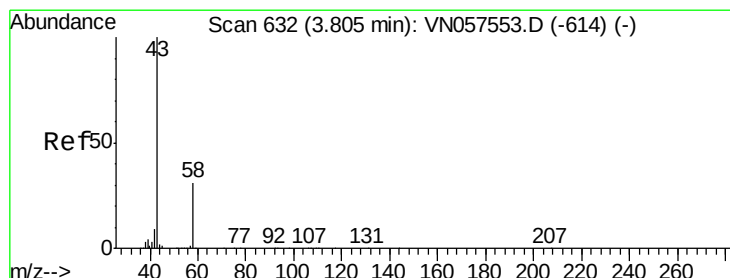
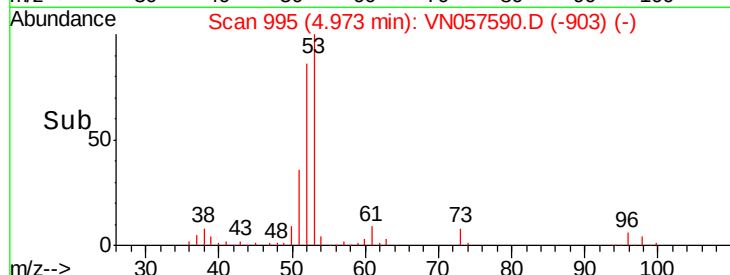
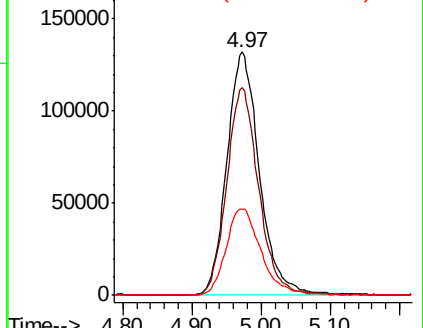
51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 289.009 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057590.D

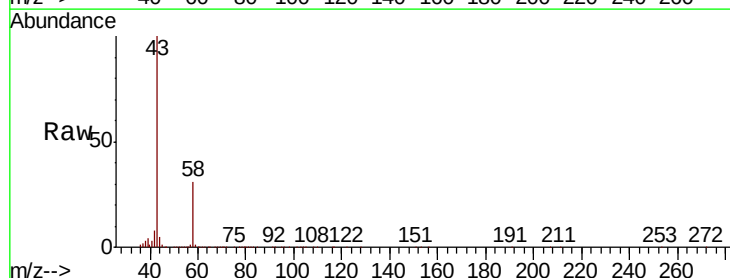
Acq: 30 Aug 2019 15:41

Tgt Ion: 43 Resp: 885503

Ion Ratio Lower Upper

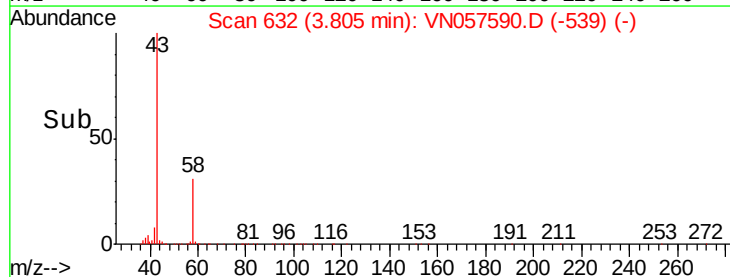
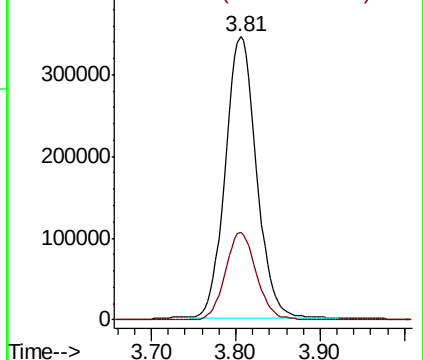
43 100

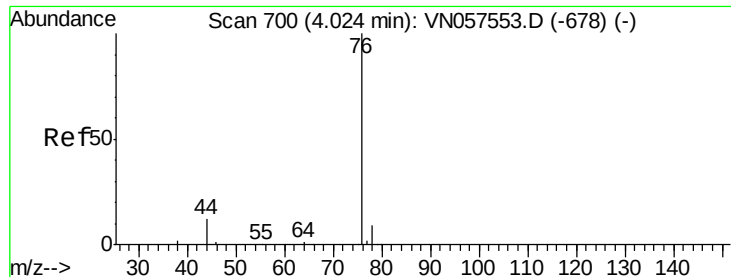
58 30.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 39.641 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

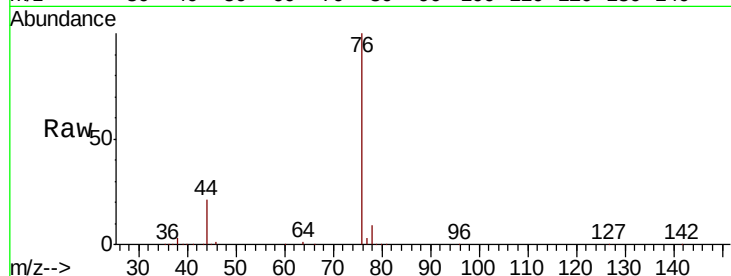
BFB

Tgt Ion: 76 Resp: 475499

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN057553.D (-678) (-)

Ion 77.90 (77.60 to 78.60): VN057553.D (-678) (-)

4.02

150000

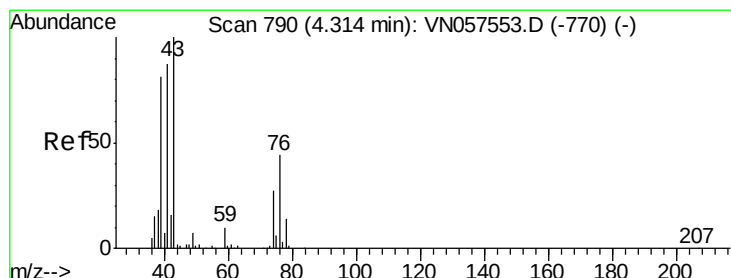
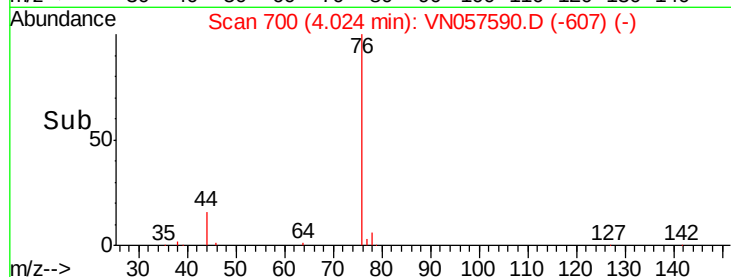
100000

50000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 50.629 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057590.D

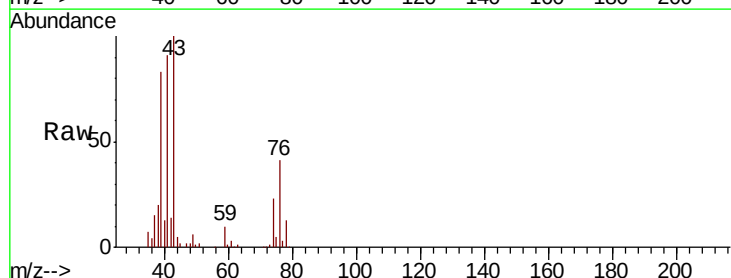
Acq: 30 Aug 2019 15:41

Tgt Ion: 43 Resp: 213137

Ion Ratio Lower Upper

43 100

74 24.1 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN057553.D (-770) (-)

4.31

80000

60000

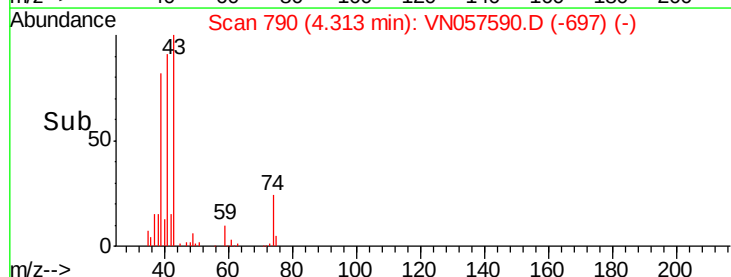
40000

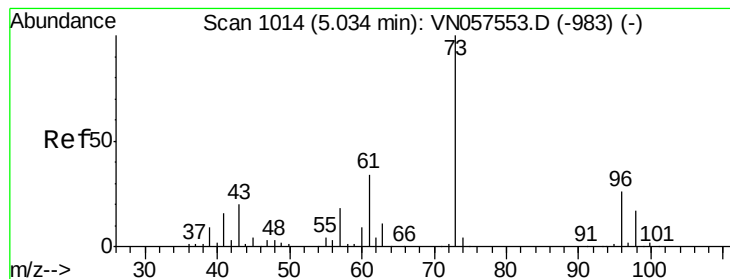
20000

0

Time-->

4.20 4.30 4.40



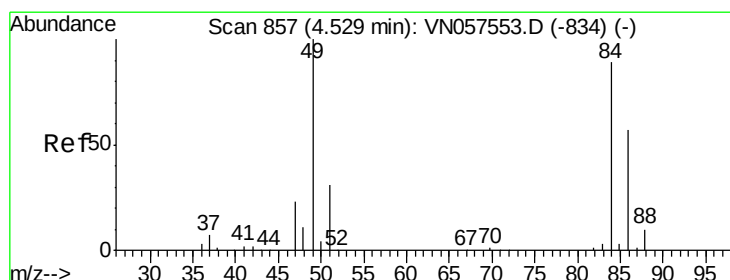
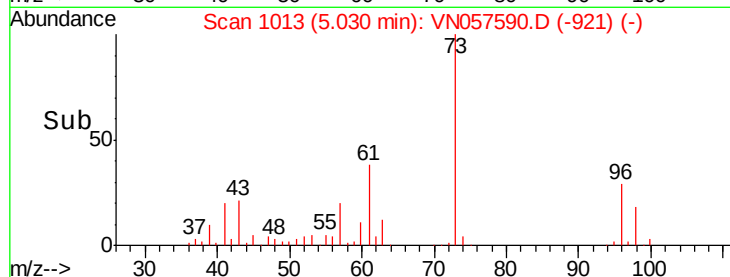
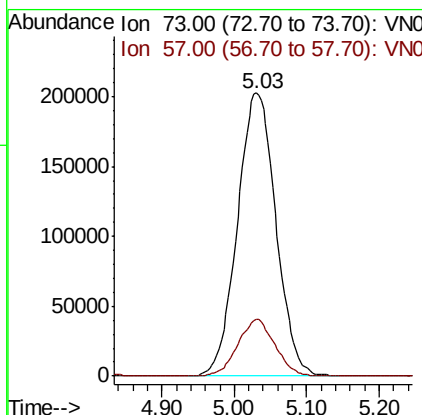
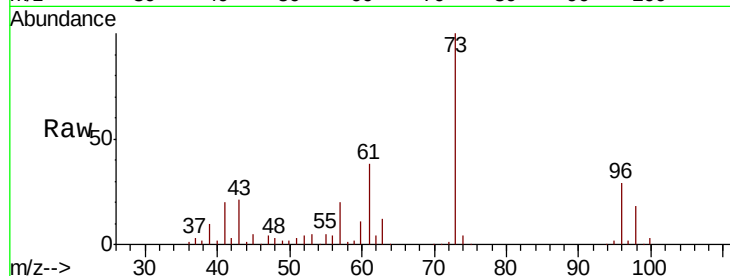


#19

Methyl tert-butyl Ether
 Concen: 44.704 ug/l
 RT: 5.03 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

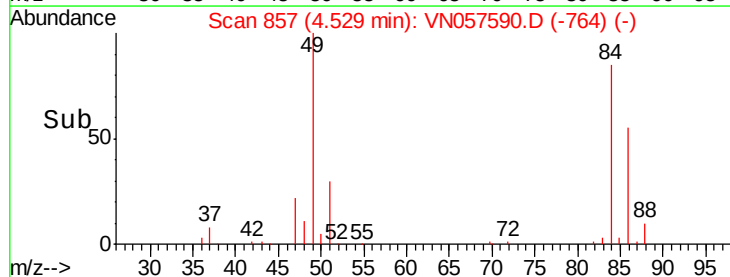
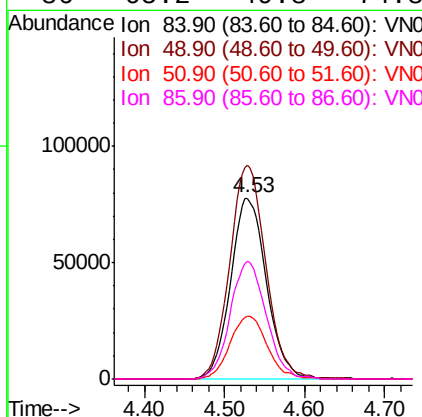
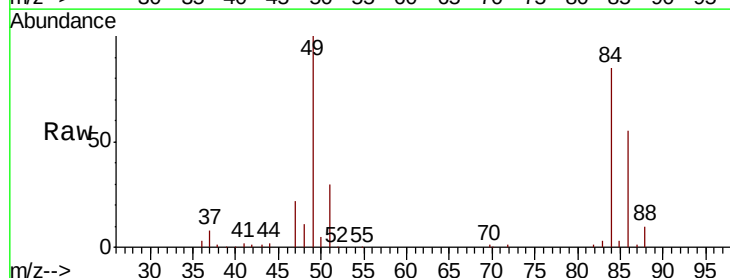
Tgt Ion: 73 Resp: 747211
 Ion Ratio Lower Upper
 73 100
 57 20.1 19.1 28.7

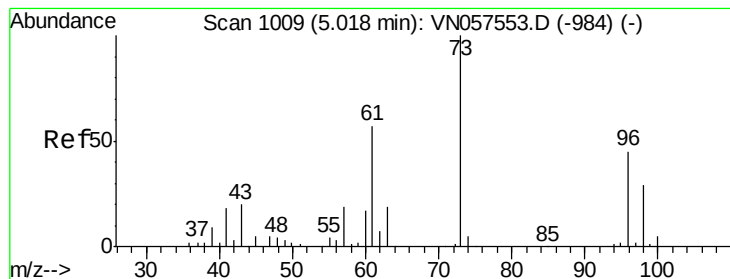


#20

Methylene Chloride
 Concen: 41.555 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 84 Resp: 235862
 Ion Ratio Lower Upper
 84 100
 49 117.9 117.0 175.4
 51 34.9 35.5 53.3#
 86 65.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 44.221 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

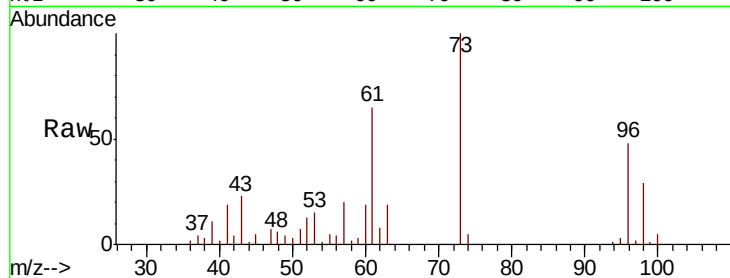
Tgt Ion: 96 Resp: 242722

Ion Ratio Lower Upper

96 100

61 136.3 127.9 191.9

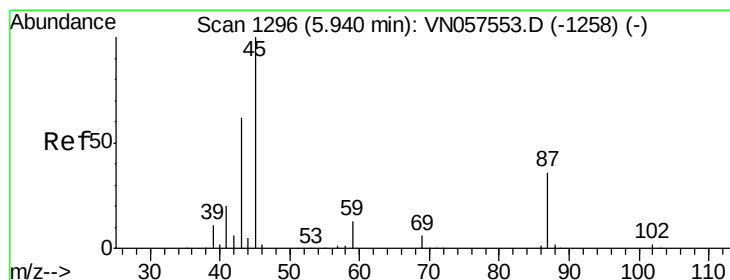
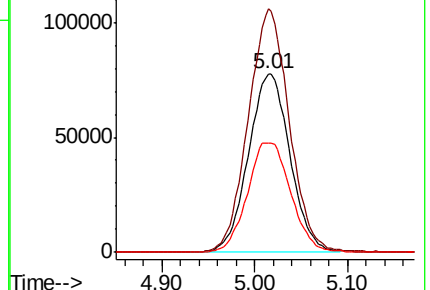
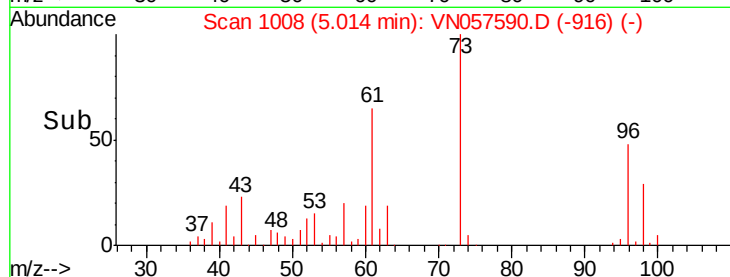
98 61.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.713 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Tgt Ion: 45 Resp: 715767

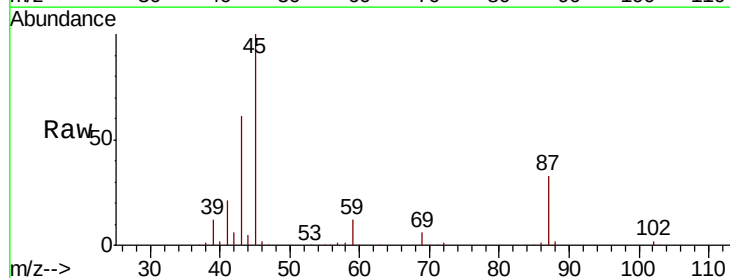
Ion Ratio Lower Upper

45 100

43 60.6 46.9 70.3

87 33.2 19.3 28.9#

59 11.9 8.7 13.1

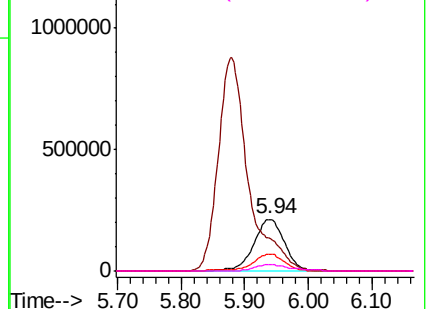
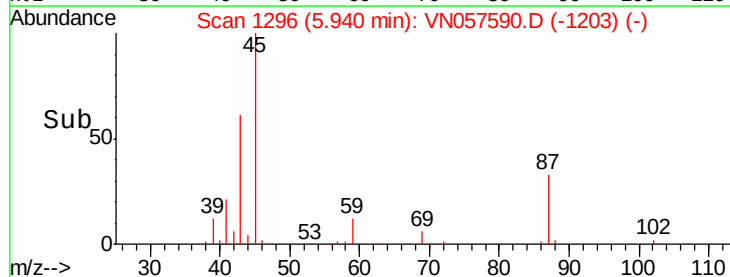


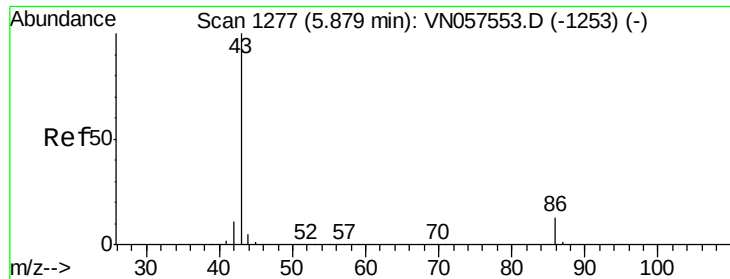
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

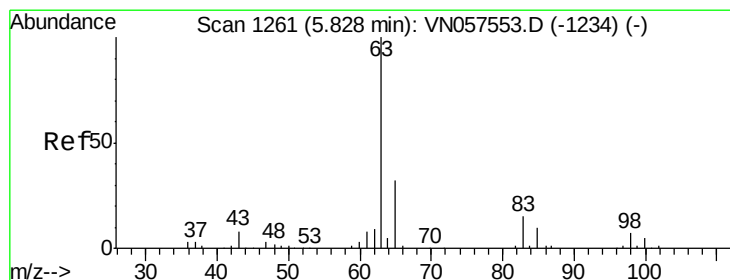
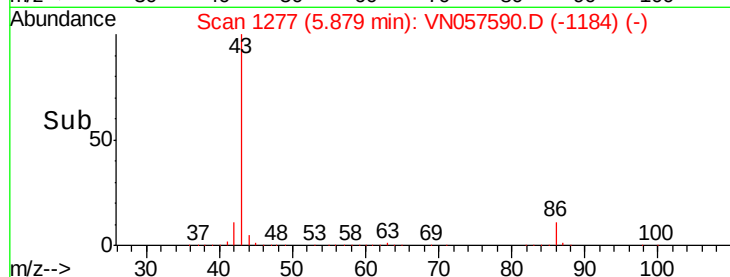
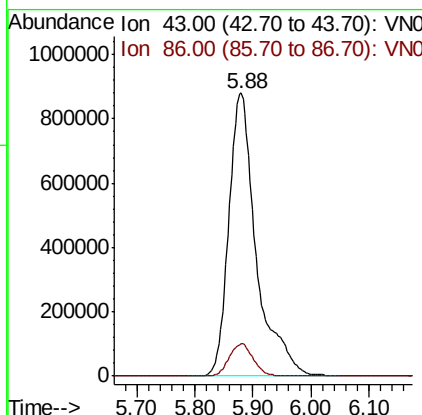
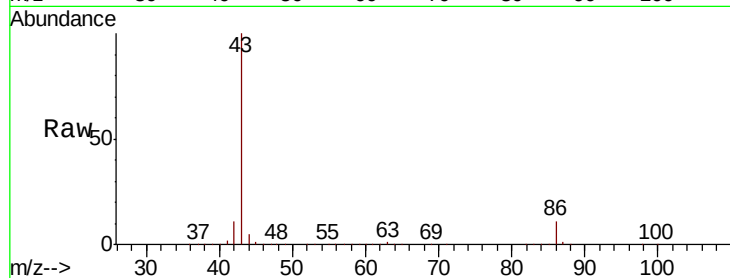




#23
 Vinyl Acetate
 Concen: 258.024 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

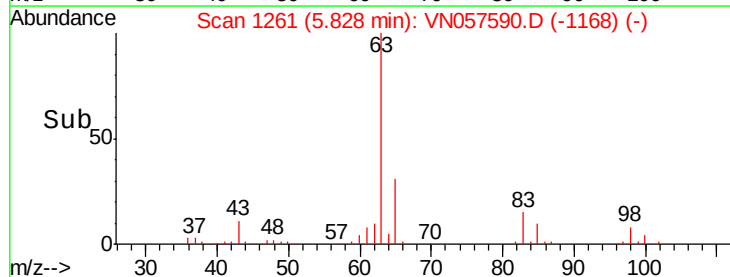
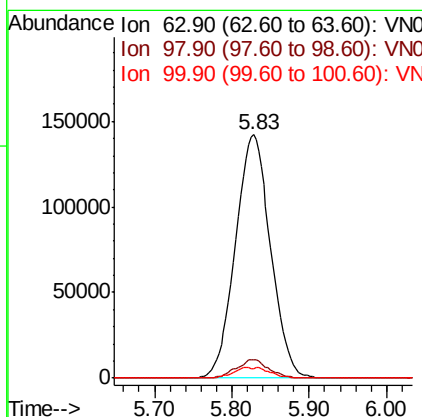
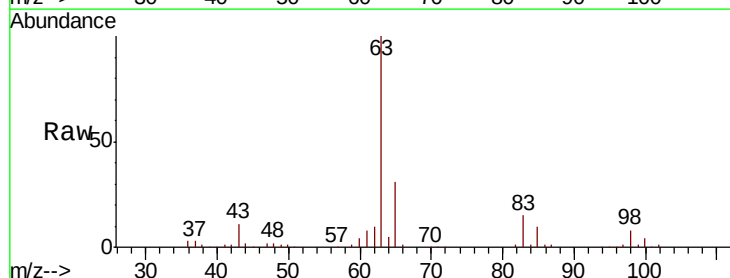
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

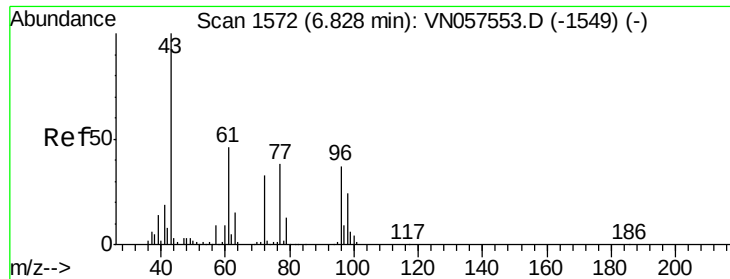
Tgt Ion: 43 Resp: 2902972
 Ion Ratio Lower Upper
 43 100
 86 11.5 6.7 10.1#



#24
 1,1-Dichloroethane
 Concen: 47.275 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 63 Resp: 448192
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 265.764 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

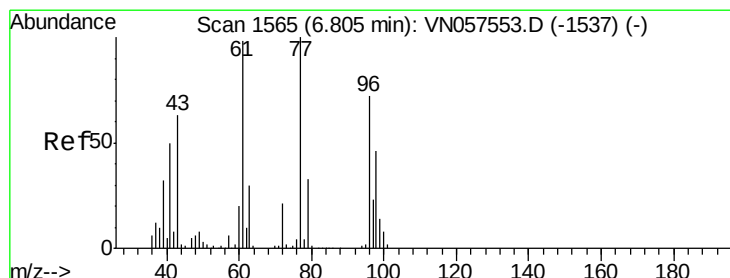
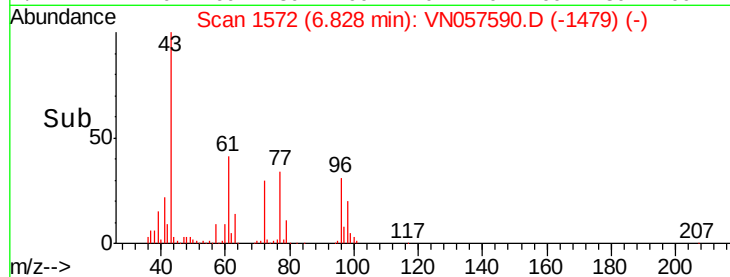
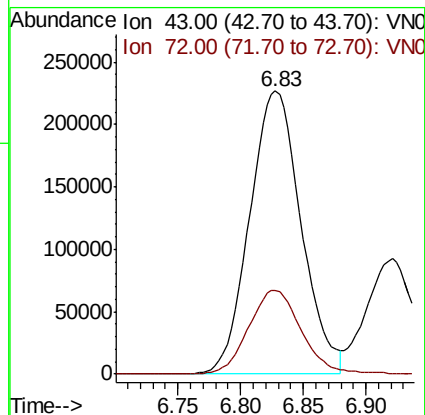
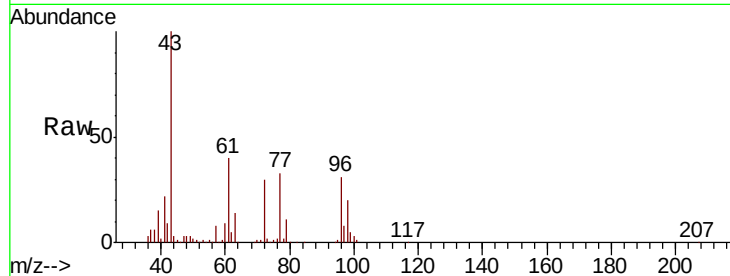
BFB

Tgt Ion: 43 Resp: 642733

Ion Ratio Lower Upper

43 100

72 29.8 17.8 26.8#



#26

2,2-Dichloropropane

Concen: 45.557 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057590.D

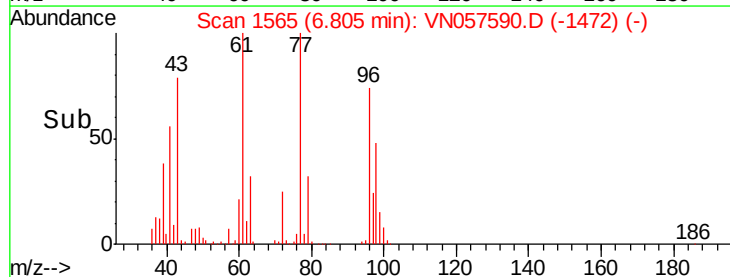
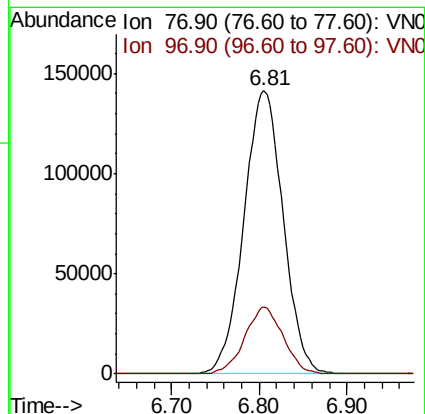
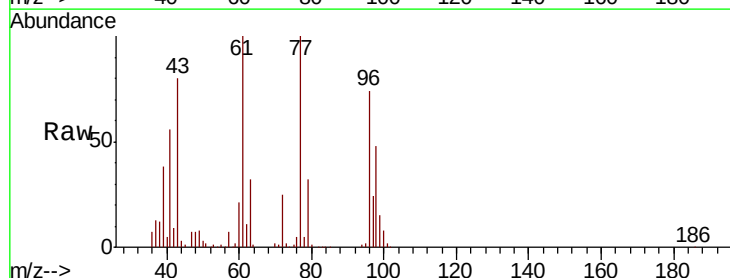
Acq: 30 Aug 2019 15:41

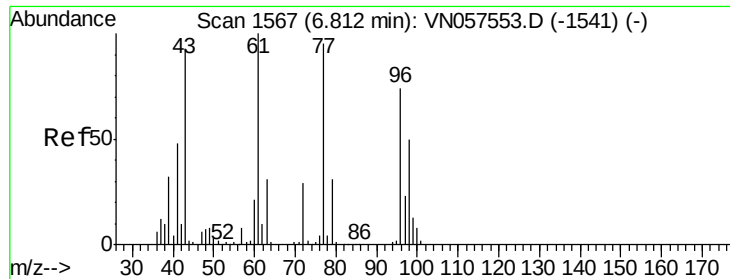
Tgt Ion: 77 Resp: 440973

Ion Ratio Lower Upper

77 100

97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.377 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

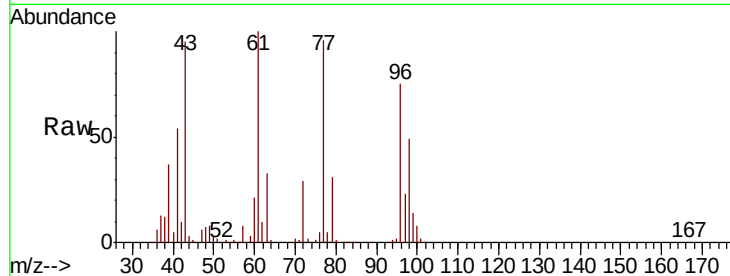
Tgt Ion: 96 Resp: 308291

Ion Ratio Lower Upper

96 100

61 138.0 0.0 334.8

98 64.7 0.0 127.4

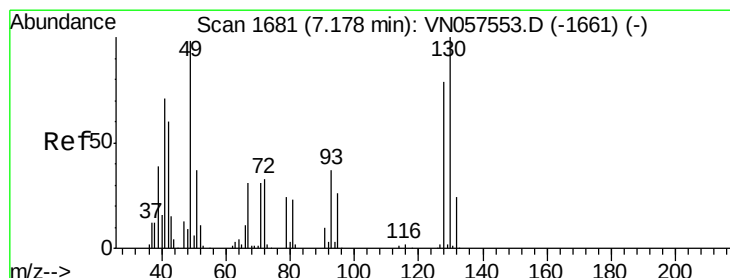
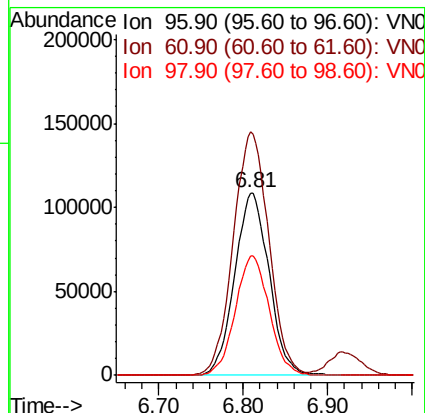
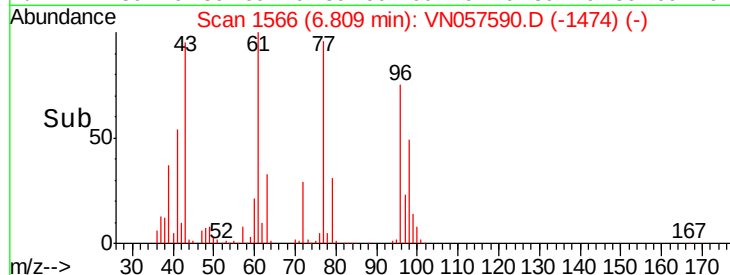


Abundance Ion 95.90 (95.60 to 96.60): VN057553.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN057553.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN057553.D (-1541) (-)

Time-->



#28

Bromochloromethane

Concen: 53.317 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

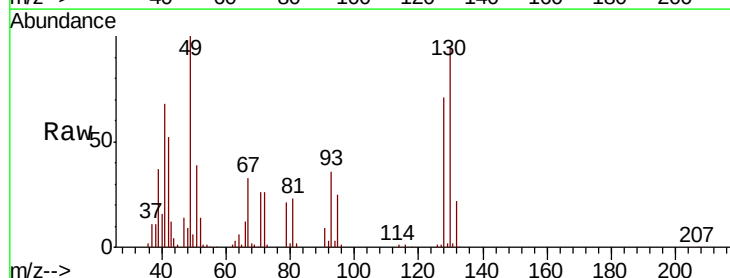
Tgt Ion: 49 Resp: 212479

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.6

130 96.0 48.6 72.8#

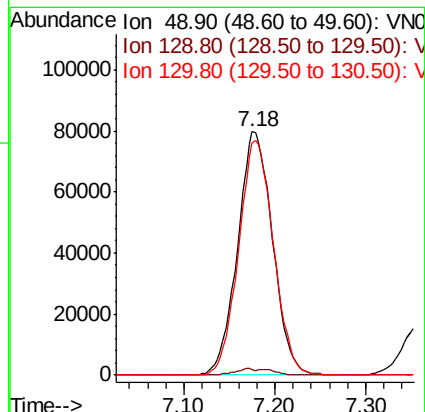
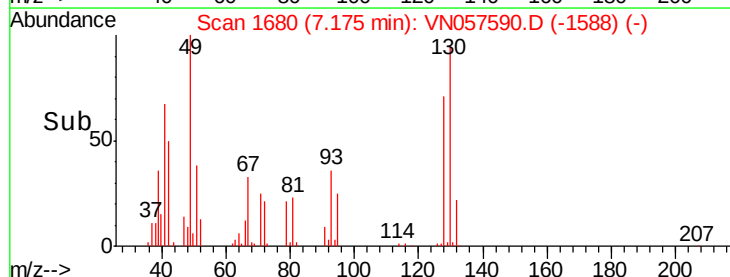


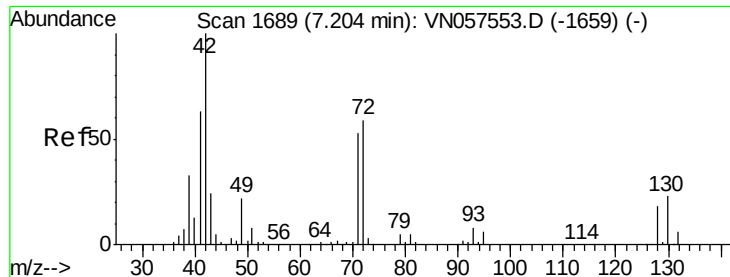
Abundance Ion 48.90 (48.60 to 49.60): VN057553.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN057553.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN057553.D (-1661) (-)

Time-->

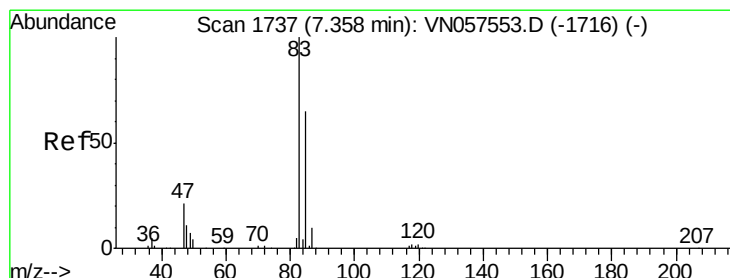
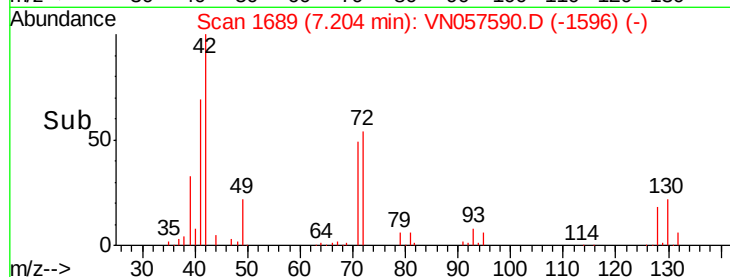
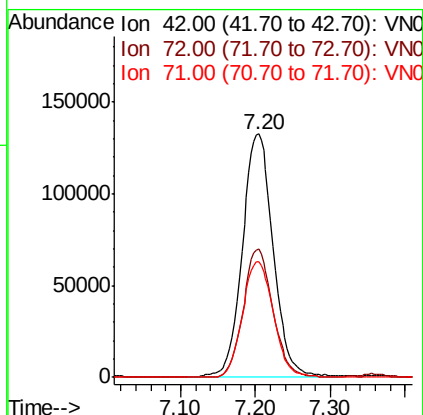
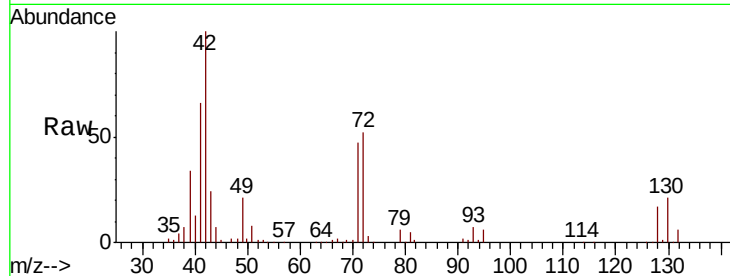




#29
Tetrahydrofuran
Concen: 250.431 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

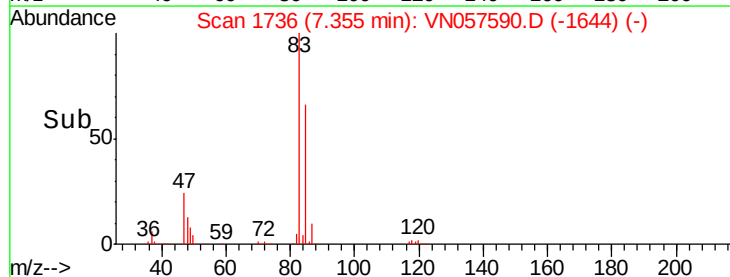
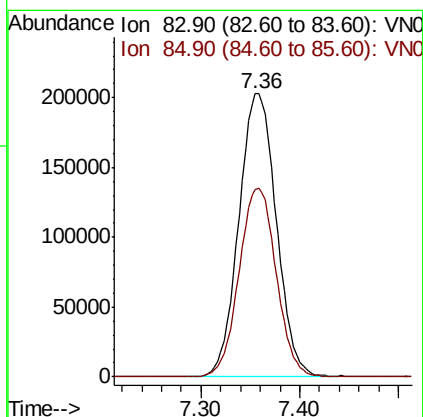
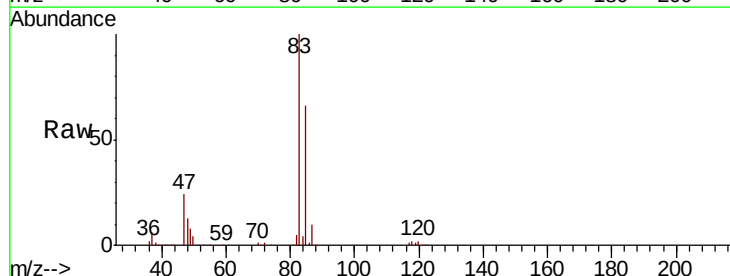
Instrument :
MSVOA_N
ClientSampleId :
BFB

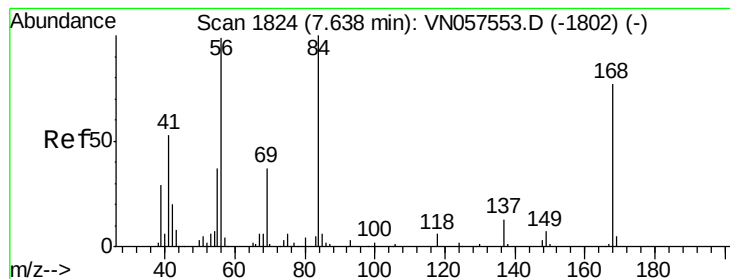
Tgt Ion: 42 Resp: 378759
Ion Ratio Lower Upper
42 100
72 50.8 30.1 45.1#
71 47.9 28.8 43.2#



#30
Chloroform
Concen: 45.355 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion: 83 Resp: 533606
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9





#31

Cyclohexane

Concen: 46.743 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

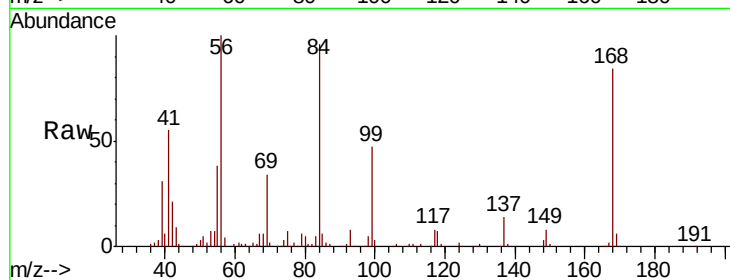
Tgt Ion: 56 Resp: 411552

Ion Ratio Lower Upper

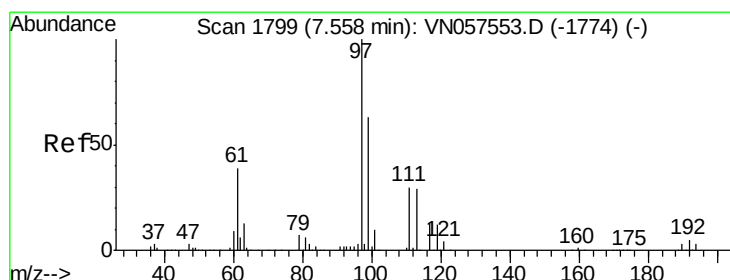
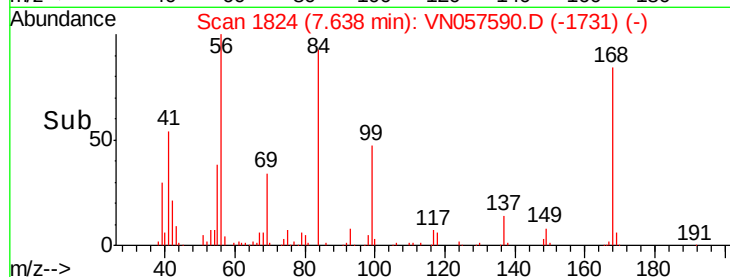
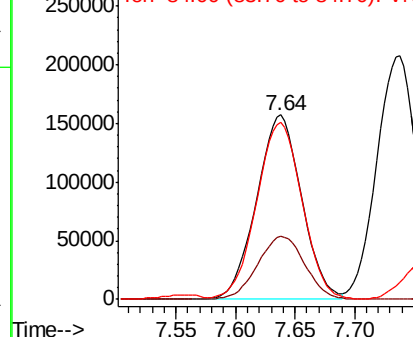
56 100

69 34.3 25.0 37.6

84 94.7 62.5 93.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 47.898 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

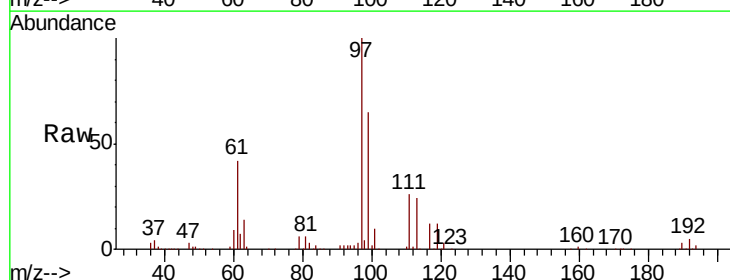
Tgt Ion: 97 Resp: 500934

Ion Ratio Lower Upper

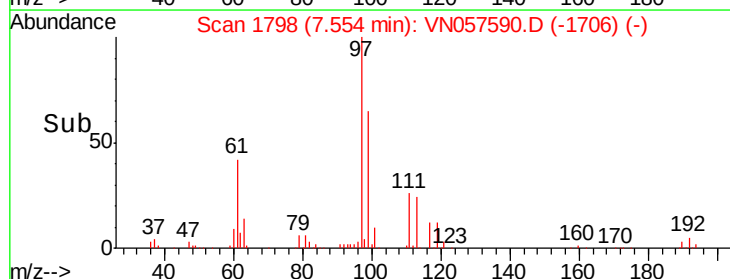
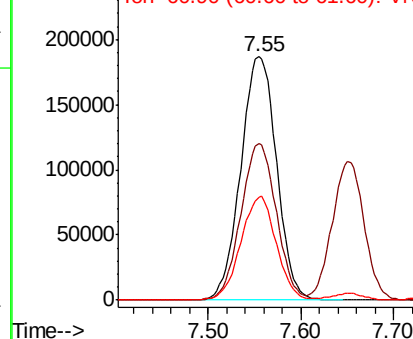
97 100

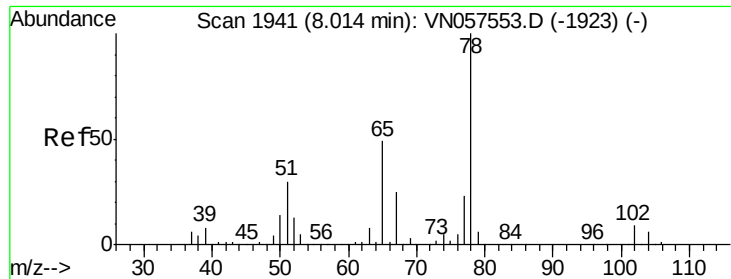
99 63.7 51.0 76.6

61 42.2 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

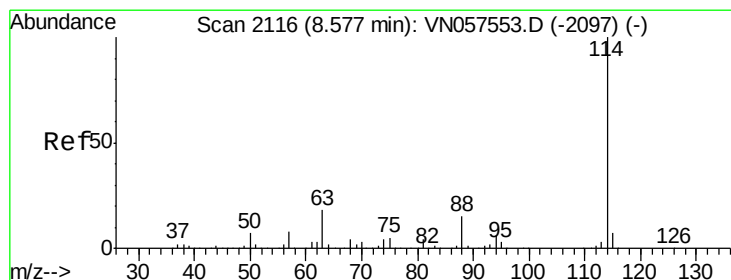
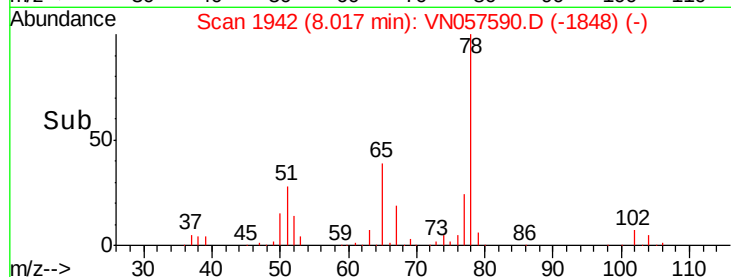
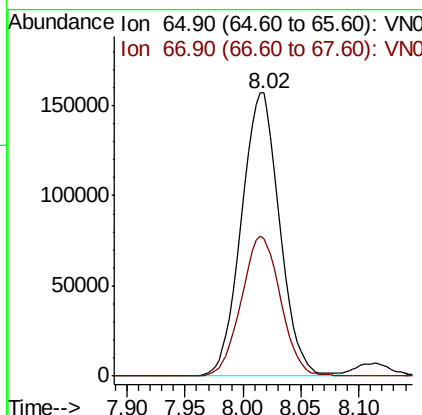
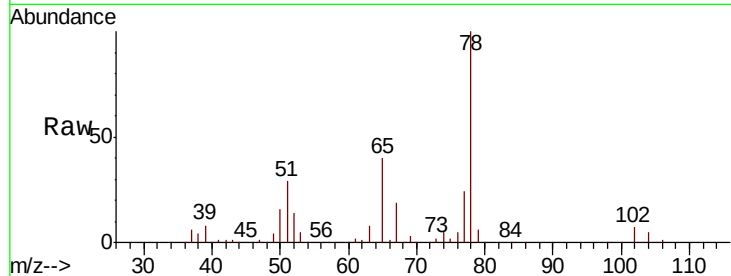




#33
 1,2-Dichloroethane-d4
 Concen: 47.614 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

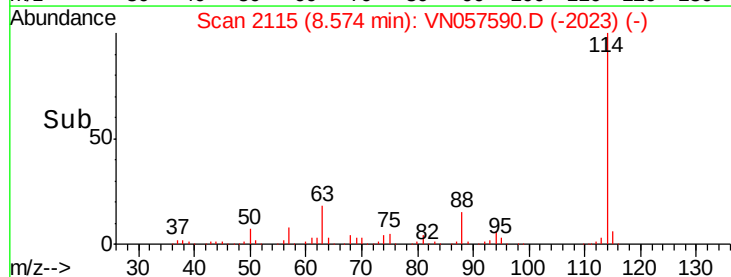
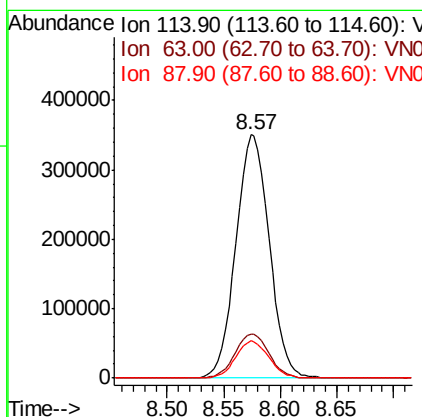
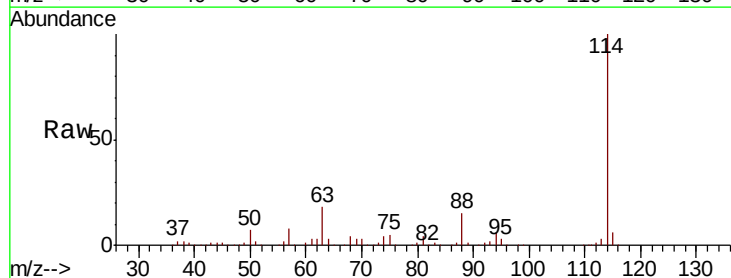
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

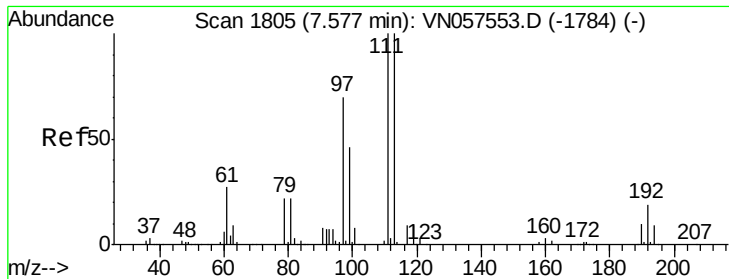
Tgt Ion: 65 Resp: 360907
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 114 Resp: 721446
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 50.2
 88 15.2 0.0 34.6

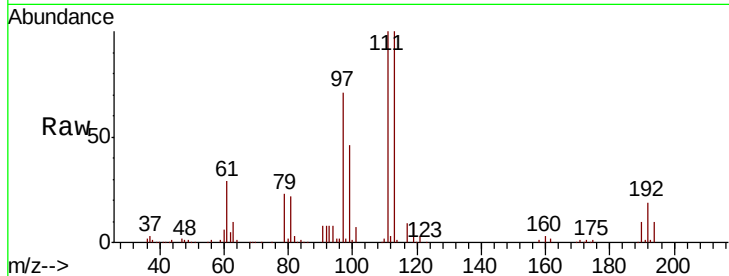




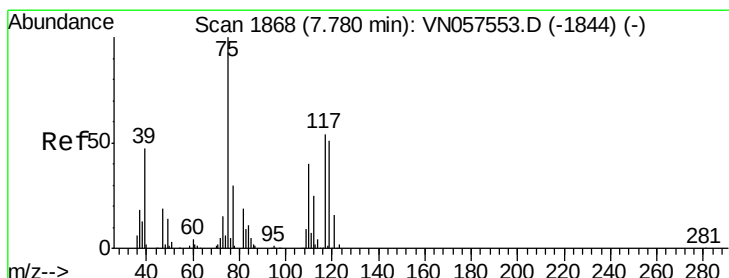
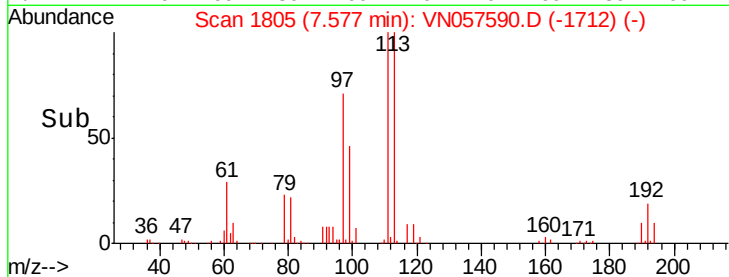
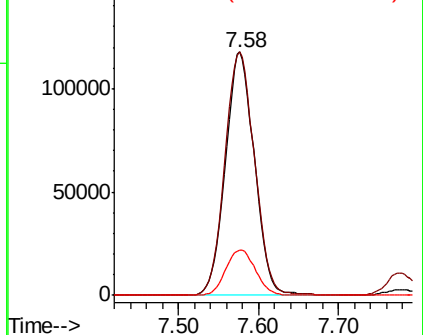
#35
 Dibromofluoromethane
 Concen: 44.984 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	290068		
111	102.5	83.8	125.6	
192	19.3	13.5	20.3	

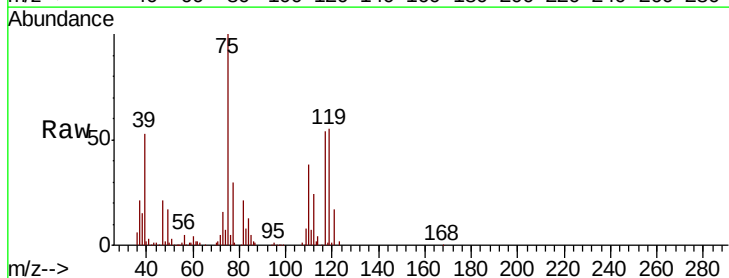


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

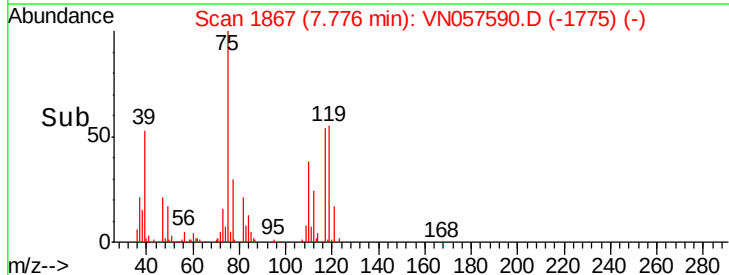
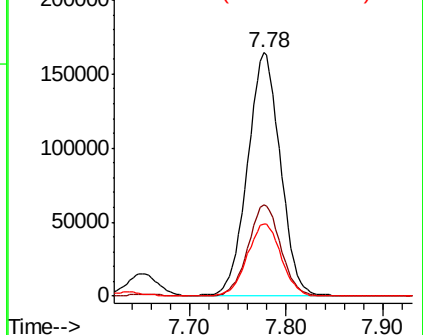


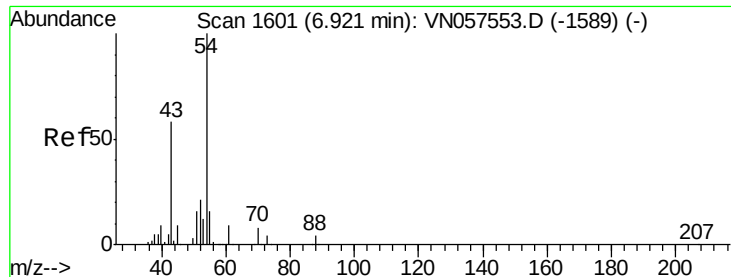
#36
 1,1-Dichloropropene
 Concen: 49.312 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	384845		
110	37.5	16.1	48.3	
77	30.8	24.8	37.2	



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

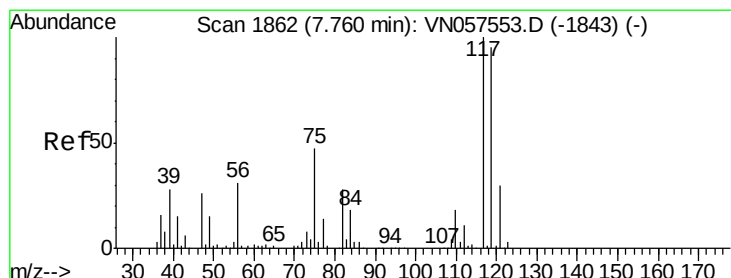
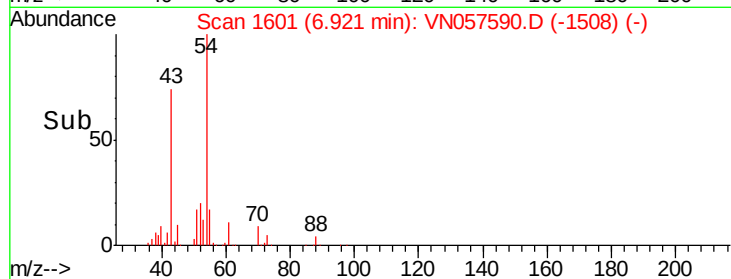
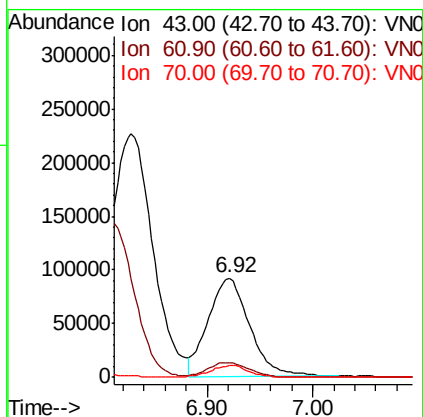
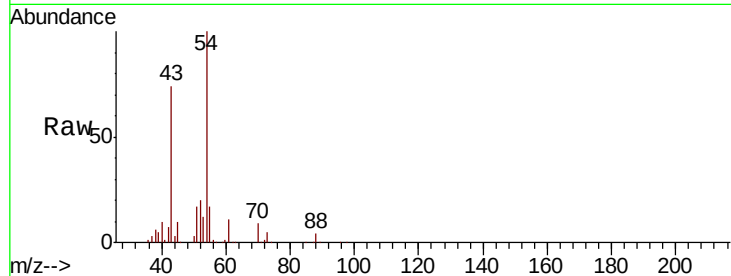




#37
Ethyl Acetate
 Concen: 48.452 ug/l
 RT: 6.92 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

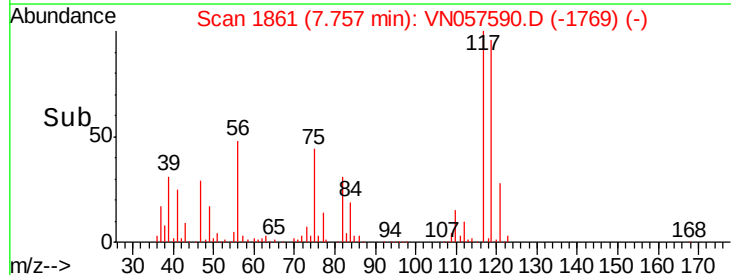
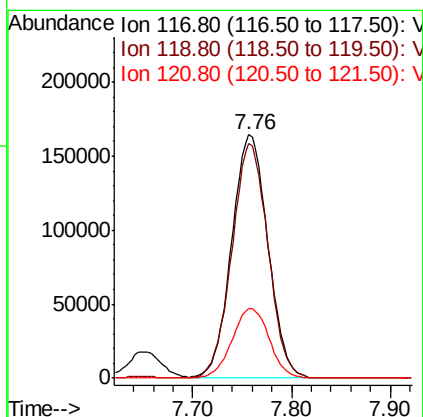
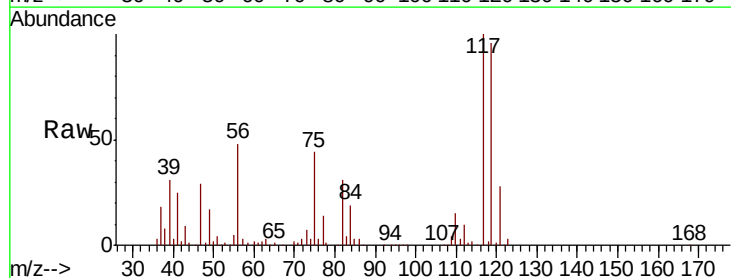
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

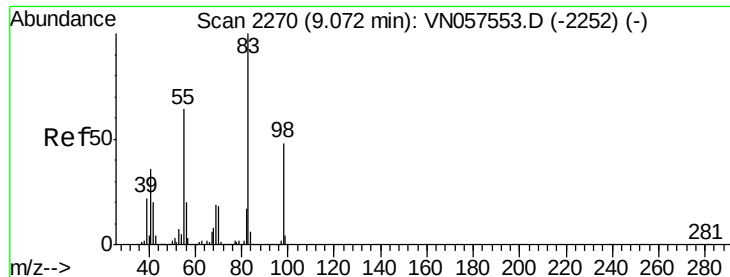
Tgt Ion: 43 Resp: 250537
 Ion Ratio Lower Upper
 43 100
 61 15.4 9.9 14.9#
 70 11.3 7.0 10.6#



#38
Carbon Tetrachloride
 Concen: 45.917 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 117 Resp: 419049
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.2 114.4
 121 28.5 23.8 35.6

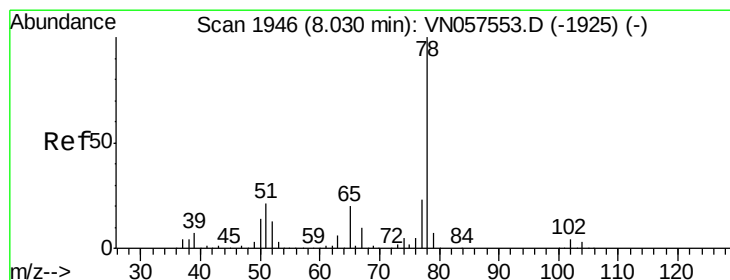
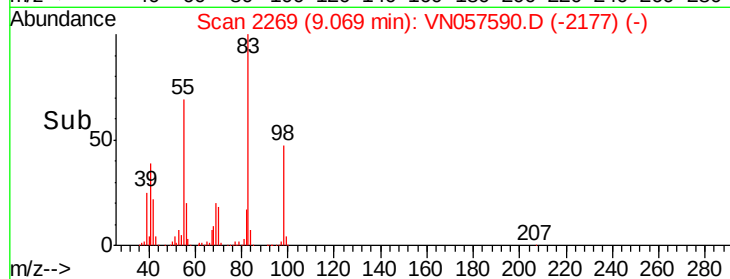
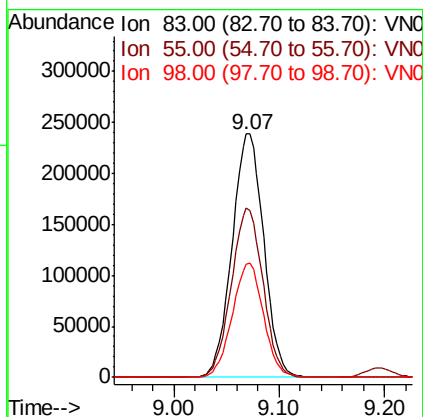
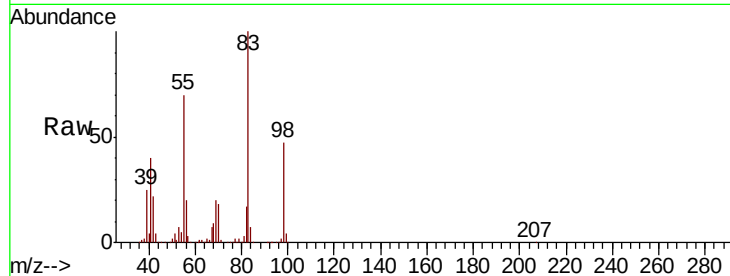




#39
Methylcyclohexane
Concen: 50.111 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

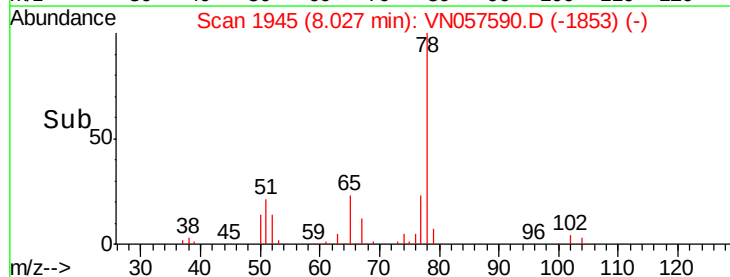
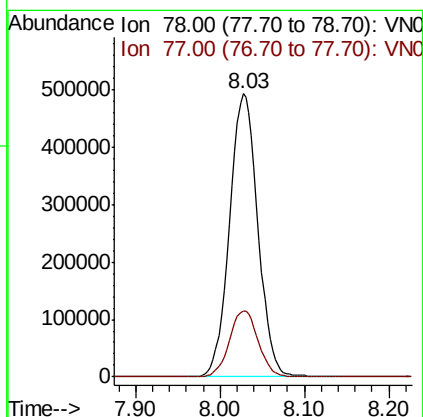
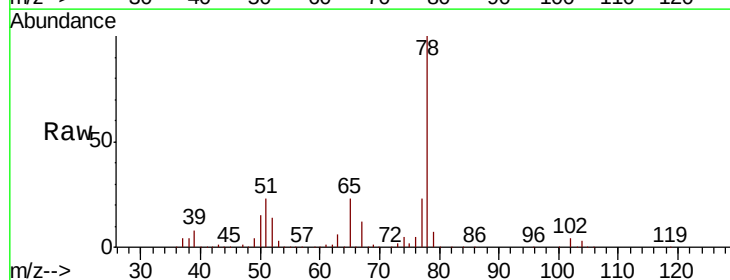
Instrument :
MSVOA_N
ClientSampled :
BFB

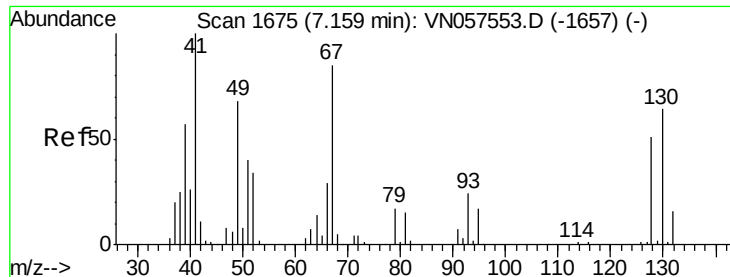
Tgt Ion: 83 Resp: 497587
Ion Ratio Lower Upper
83 100
55 69.5 68.6 102.8
98 46.6 36.6 54.8



#40
Benzene
Concen: 48.073 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion: 78 Resp: 1148950
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

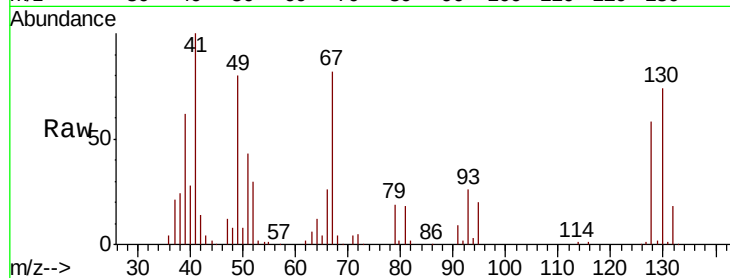




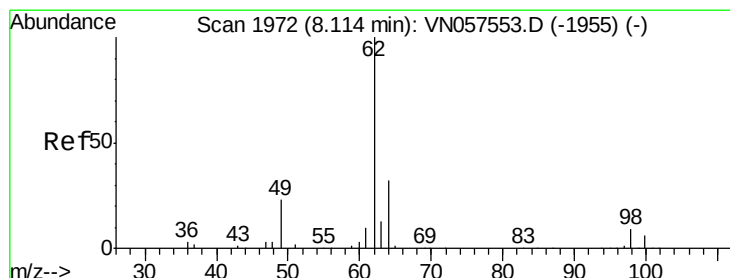
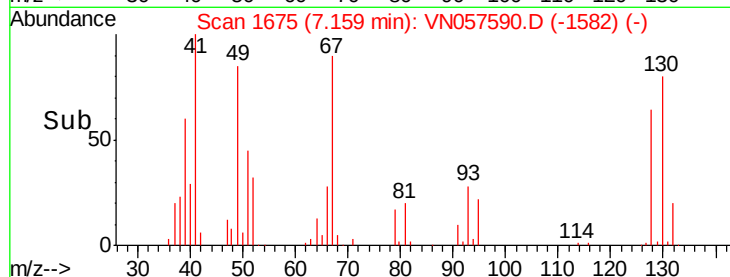
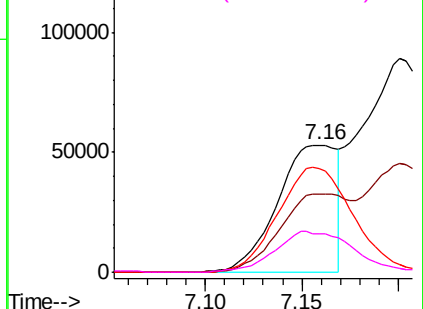
#41
Methacrylonitrile
Concen: 48.033 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 41 Resp: 113516
Ion Ratio Lower Upper
41 100
39 69.9 53.6 80.4
67 105.4 65.4 98.2#
52 42.8 29.8 44.6

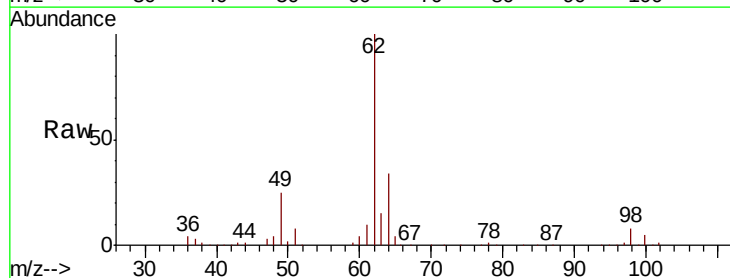


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

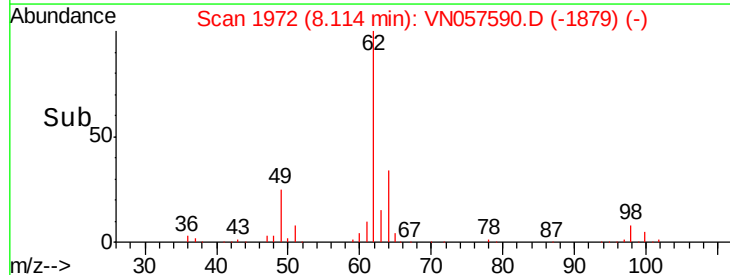
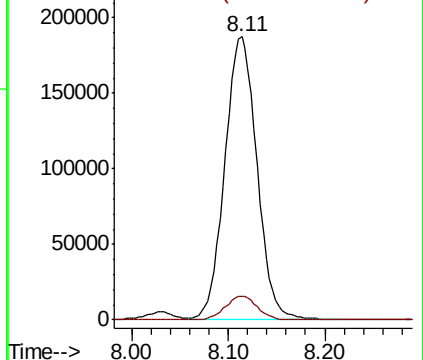


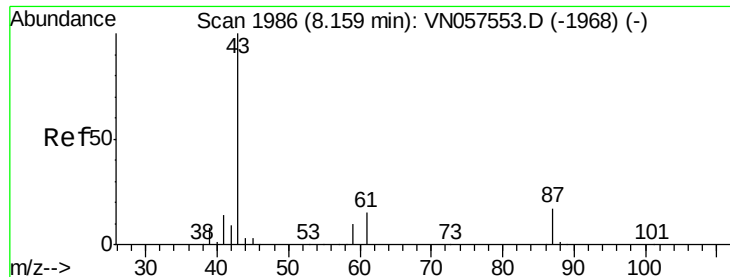
#42
1,2-Dichloroethane
Concen: 50.667 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion: 62 Resp: 431017
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.4



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





#43

Isopropyl Acetate

Concen: 49.392 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

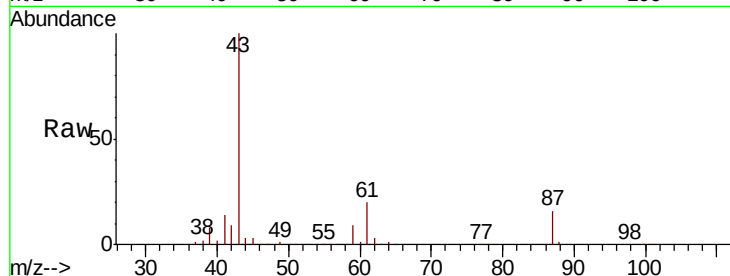
Tgt Ion: 43 Resp: 476705

Ion Ratio Lower Upper

43 100

61 20.0 14.5 21.7

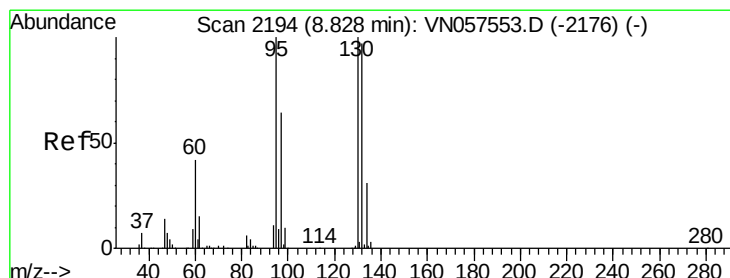
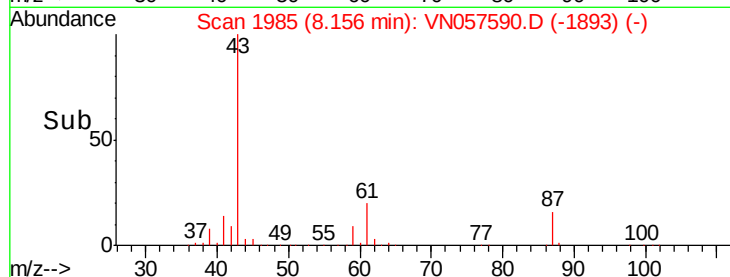
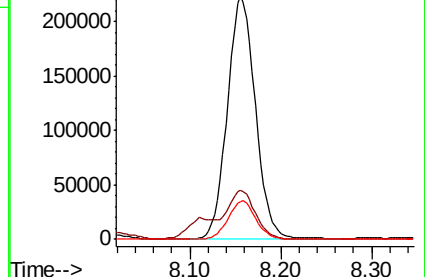
87 15.8 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN057553.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN057553.D (-1968) (-)



#44

Trichloroethene

Concen: 49.589 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057590.D

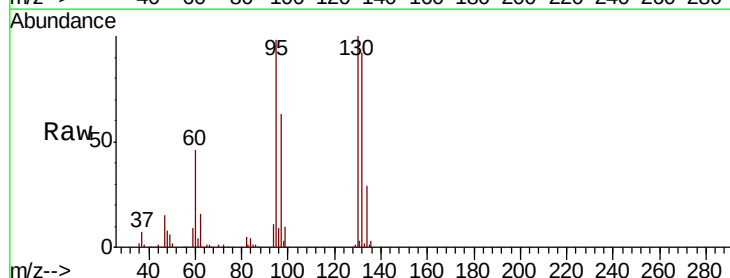
Acq: 30 Aug 2019 15:41

Tgt Ion: 130 Resp: 327281

Ion Ratio Lower Upper

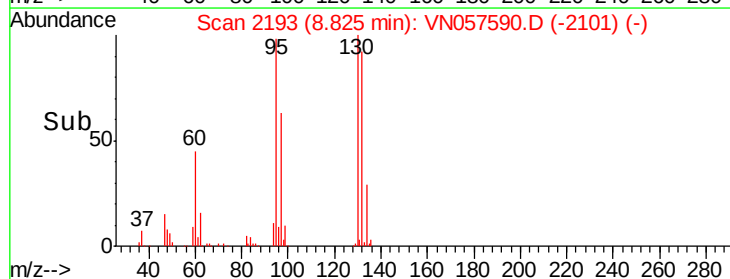
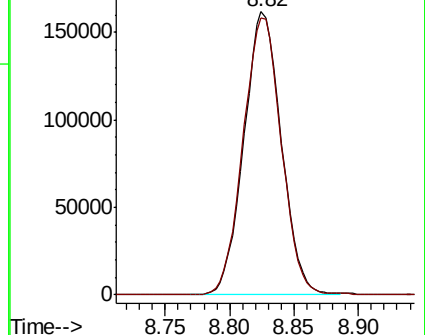
130 100

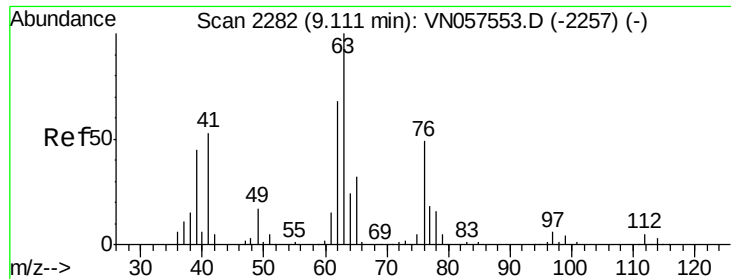
95 98.1 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057553.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN057553.D (-2176) (-)

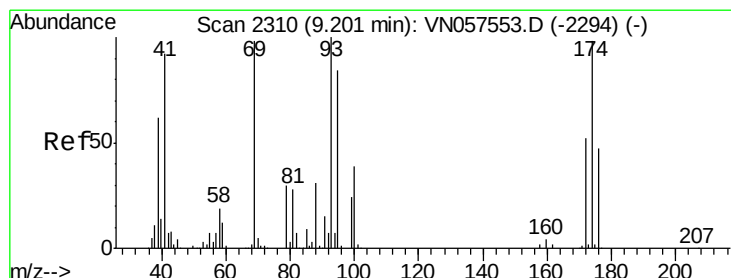
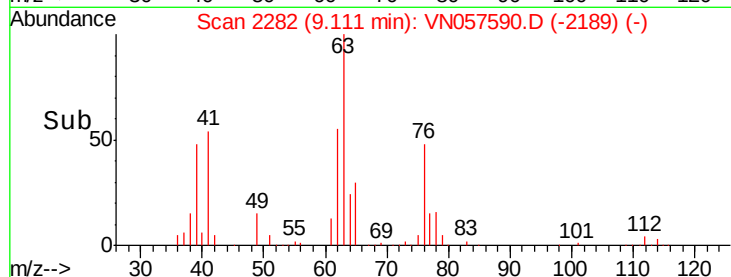
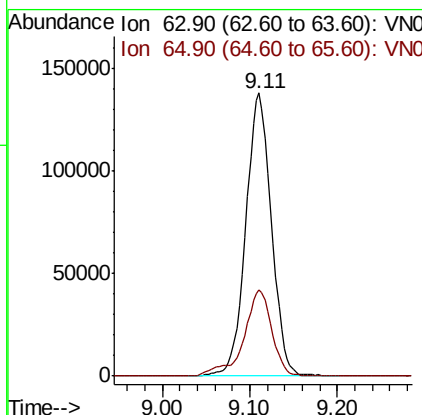
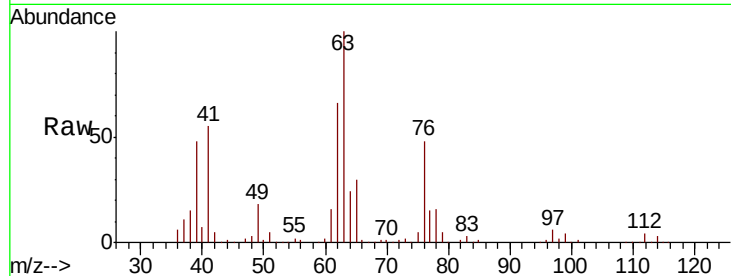




#45
 1,2-Dichloropropane
 Concen: 50.224 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

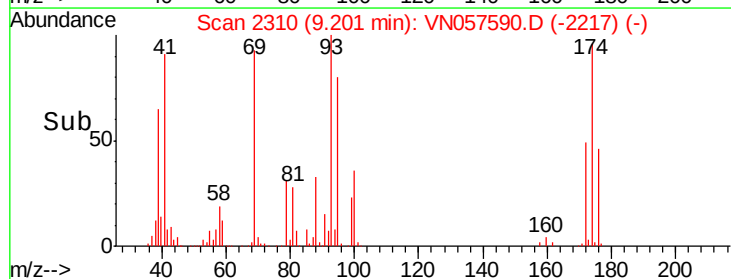
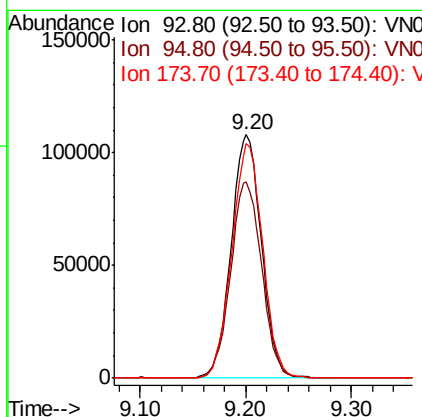
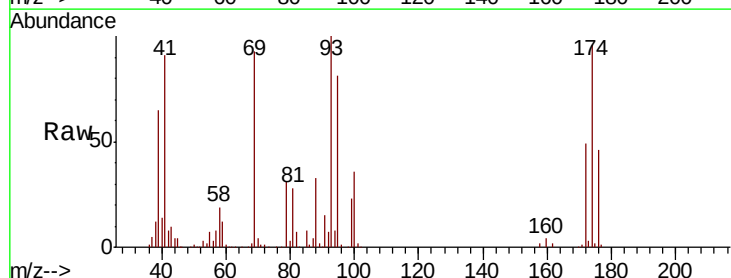
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

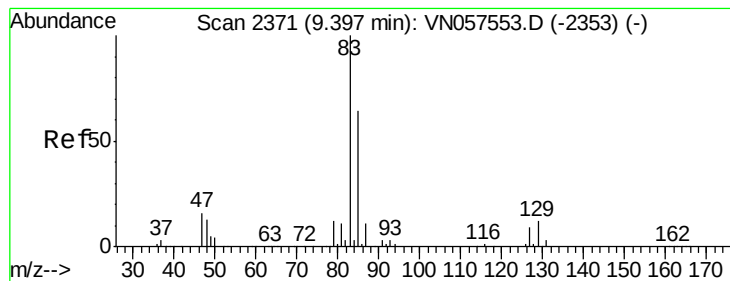
Tgt Ion: 63 Resp: 280494
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 49.016 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 93 Resp: 214664
 Ion Ratio Lower Upper
 93 100
 95 82.6 64.7 97.1
 174 98.0 62.3 93.5#





#47

Bromodichloromethane

Concen: 48.481 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

BFB

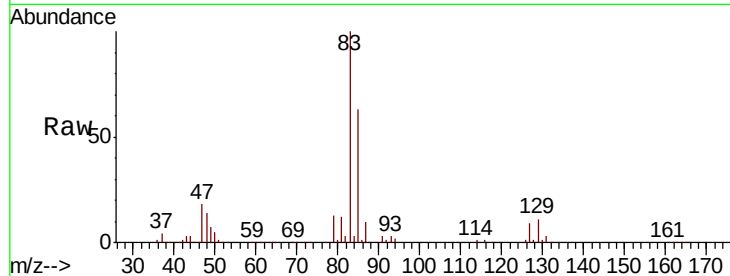
Tgt Ion: 83 Resp: 437727

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

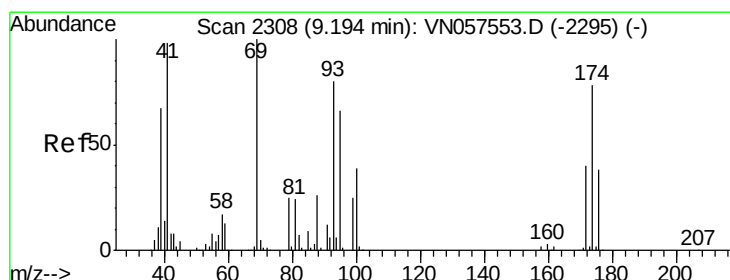
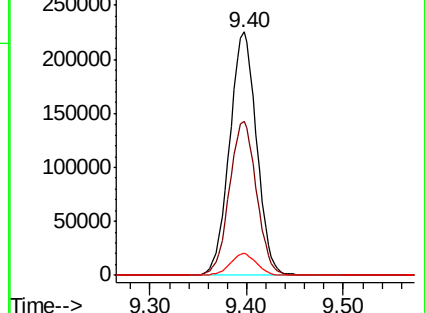
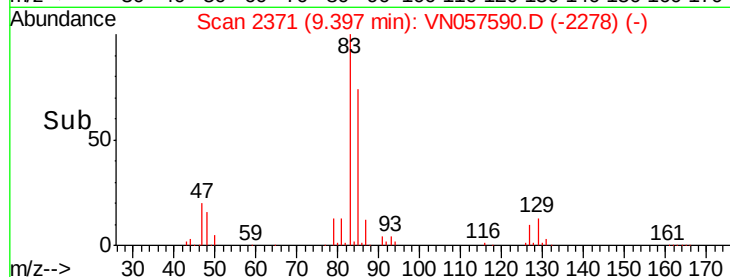
127 8.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN057590.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057590.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057590.D (-2278) (-)



#48

Methyl methacrylate

Concen: 48.491 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

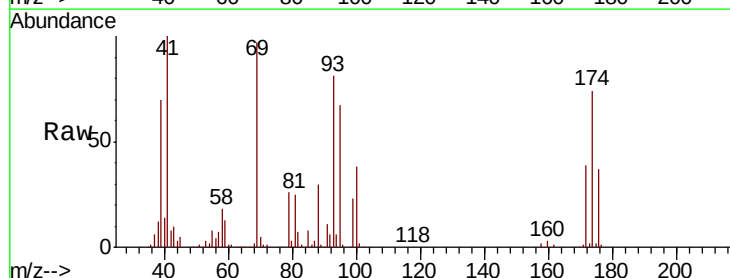
Tgt Ion: 41 Resp: 221037

Ion Ratio Lower Upper

41 100

69 98.9 59.3 88.9#

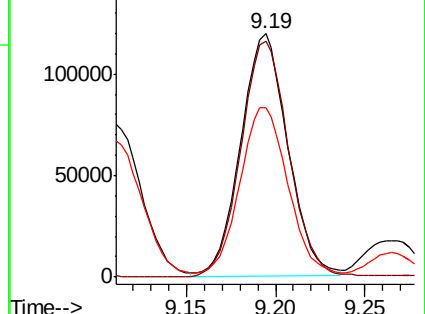
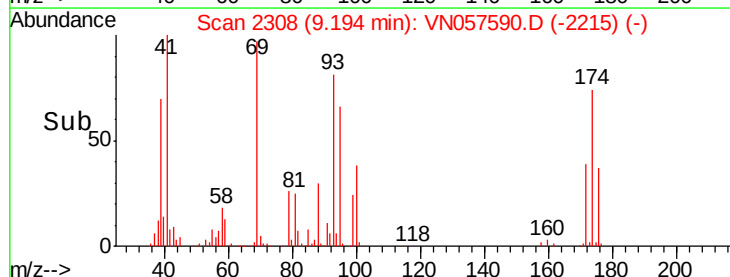
39 71.3 50.6 75.8

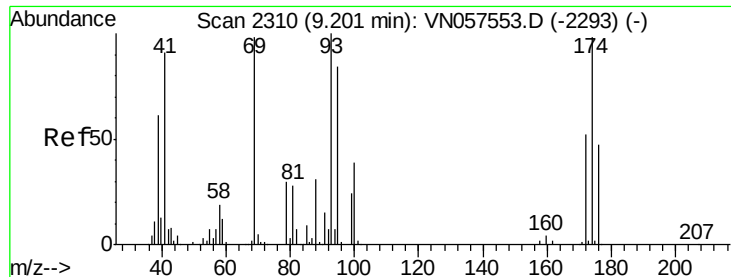


Abundance Ion 41.00 (40.70 to 41.70): VN057590.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057590.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057590.D (-2215) (-)





#49

1,4-Dioxane

Concen: 998.126 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

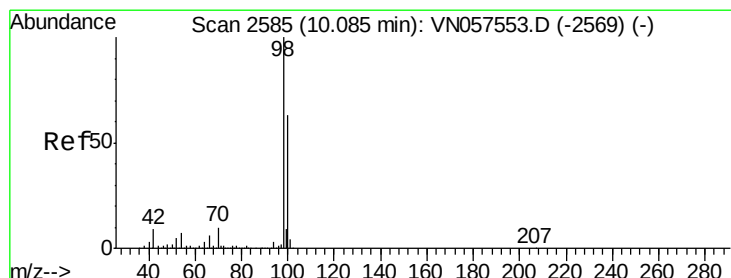
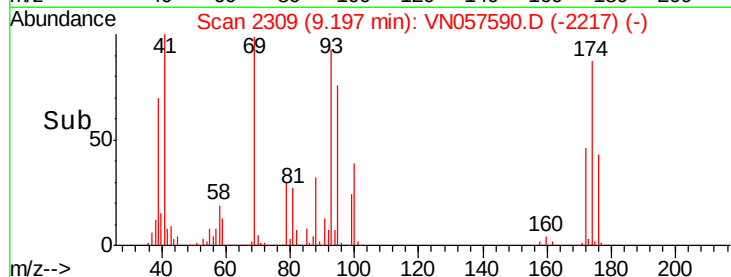
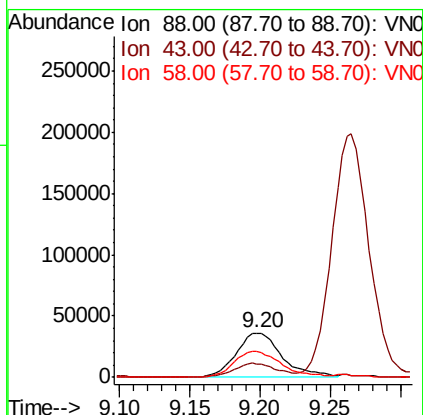
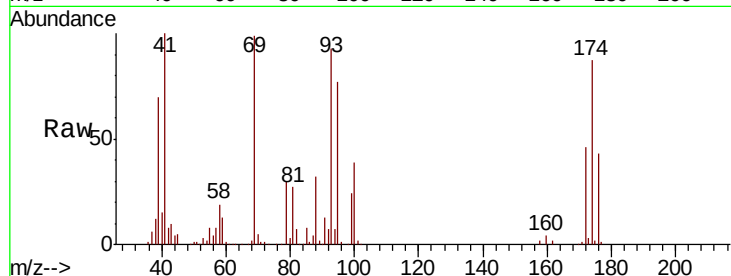
Tgt Ion: 88 Resp: 83030

Ion Ratio Lower Upper

88 100

43 28.1 31.0 46.6#

58 60.5 64.5 96.7#



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057590.D

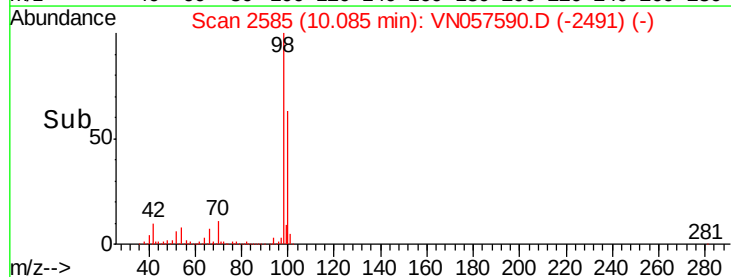
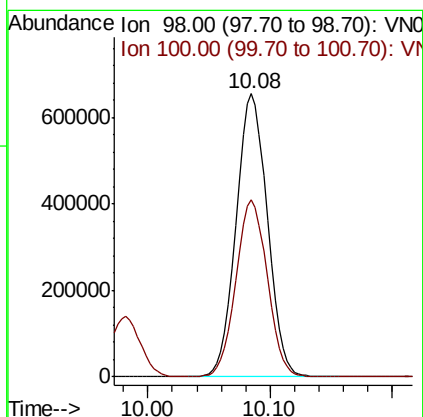
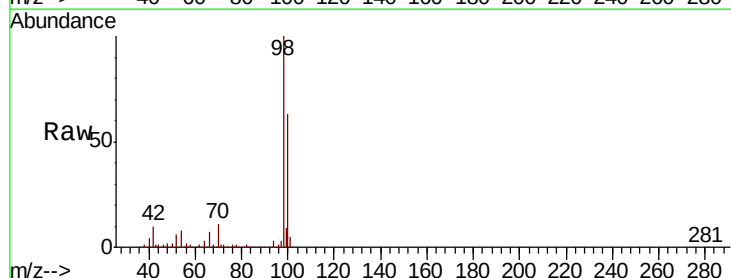
Acq: 30 Aug 2019 15:41

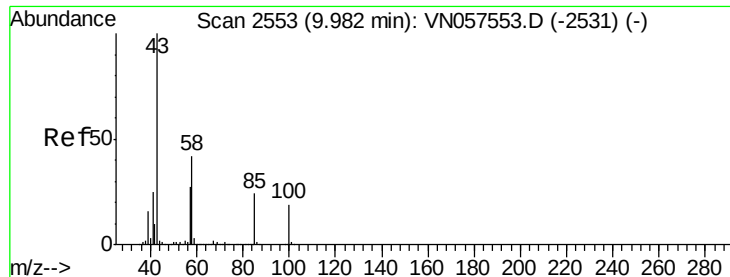
Tgt Ion: 98 Resp: 1162819

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 265.089 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

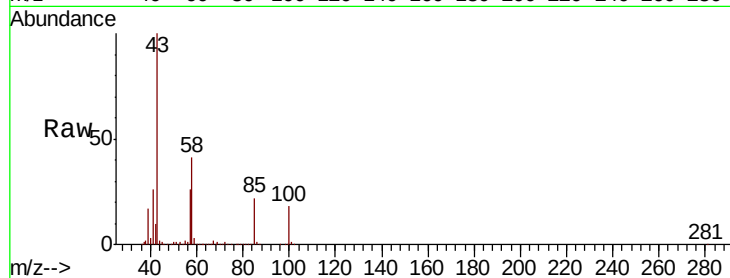
BFB

Tgt Ion: 43 Resp: 1367412

Ion Ratio Lower Upper

43 100

58 40.4 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-2531) (-)

9.98

800000

600000

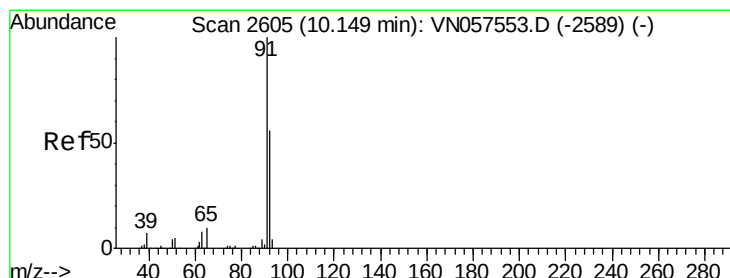
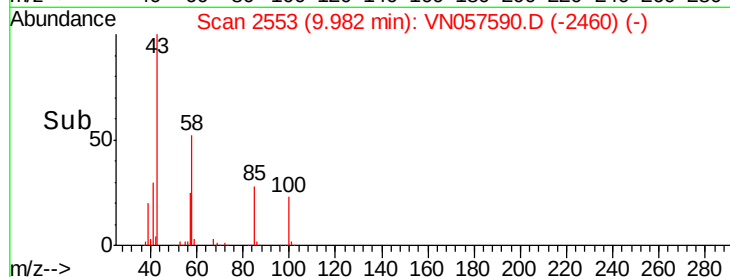
400000

200000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.027 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057590.D

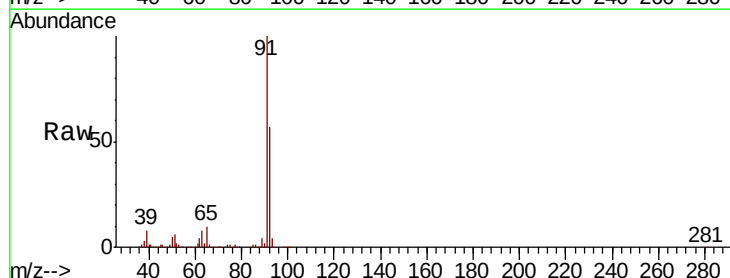
Acq: 30 Aug 2019 15:41

Tgt Ion: 92 Resp: 790104

Ion Ratio Lower Upper

92 100

91 178.6 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN057553.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057553.D (-2589) (-)

10.15

800000

600000

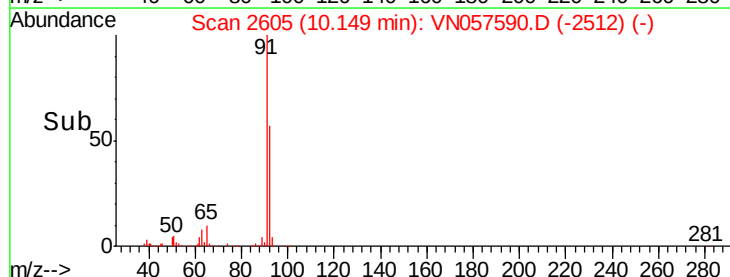
400000

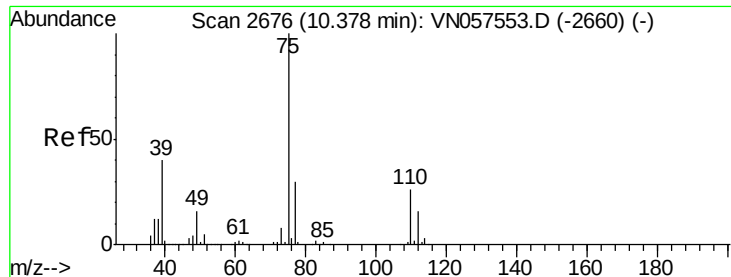
200000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.687 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

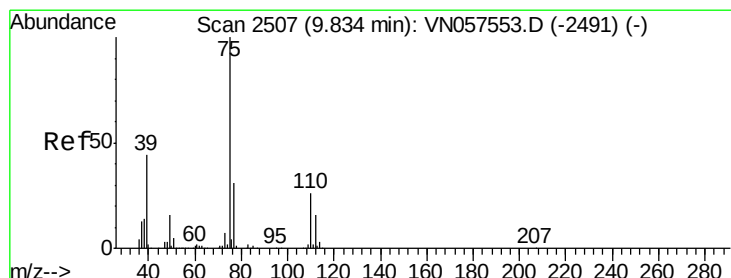
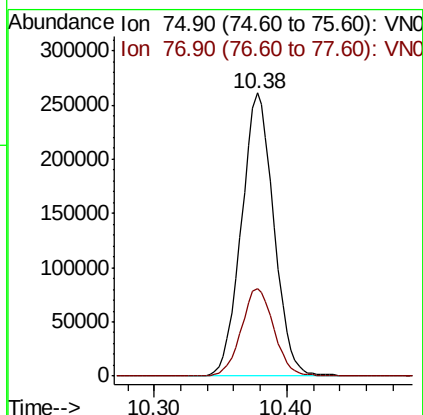
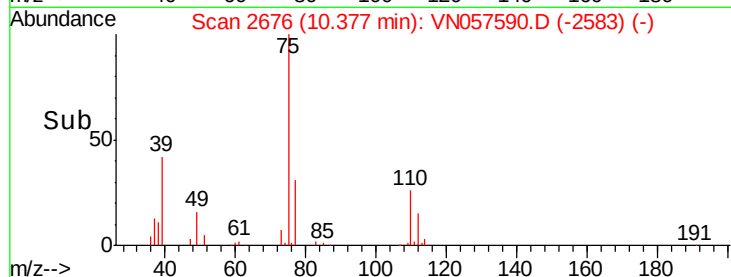
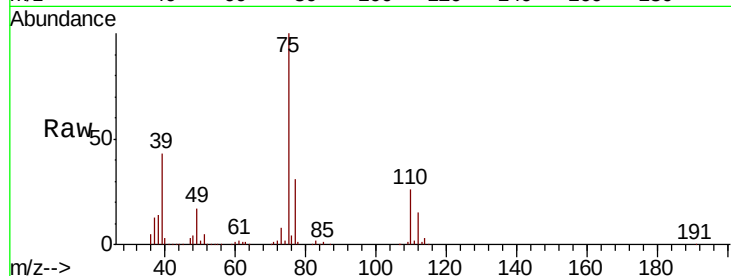
BFB

Tgt Ion: 75 Resp: 442264

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.656 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

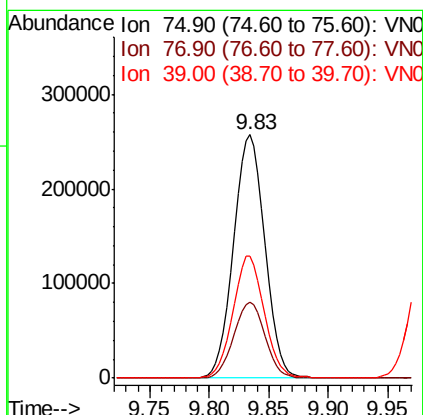
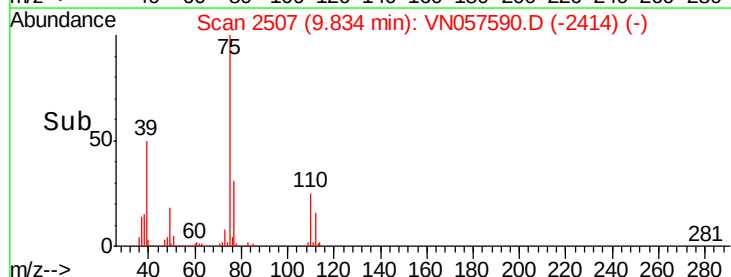
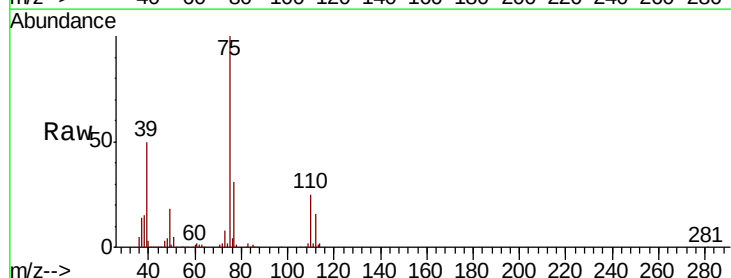
Tgt Ion: 75 Resp: 469278

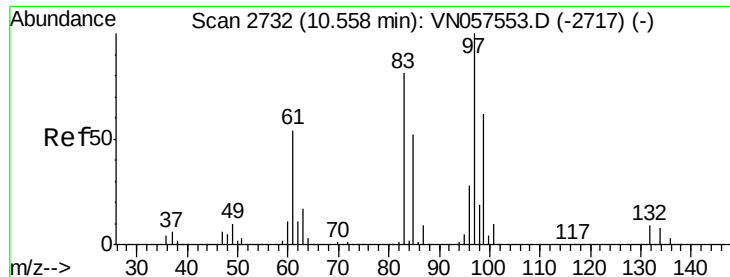
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 50.0 49.2 73.8

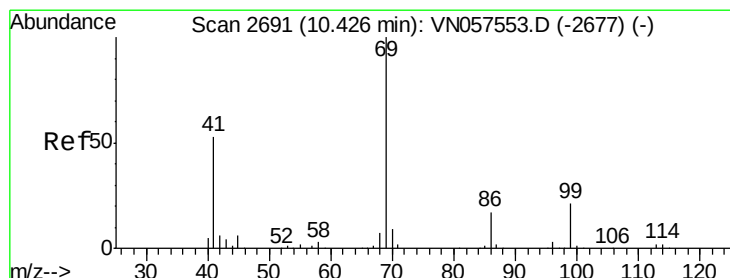
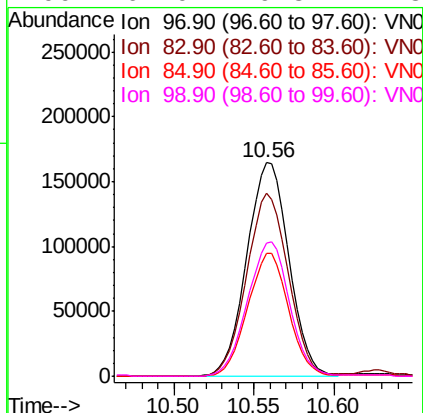
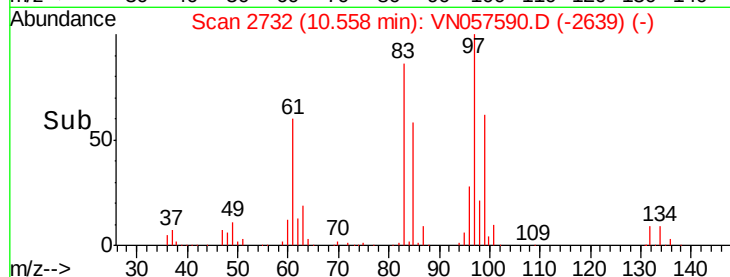
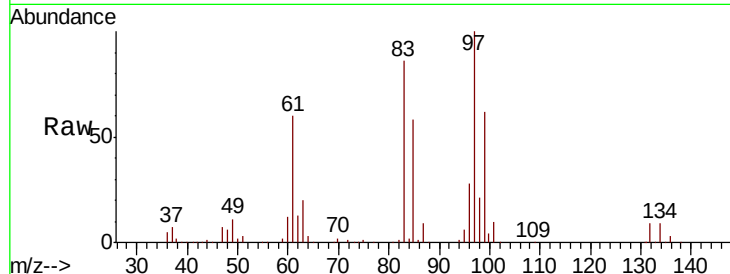




#55
 1,1,2-Trichloroethane
 Concen: 49.850 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

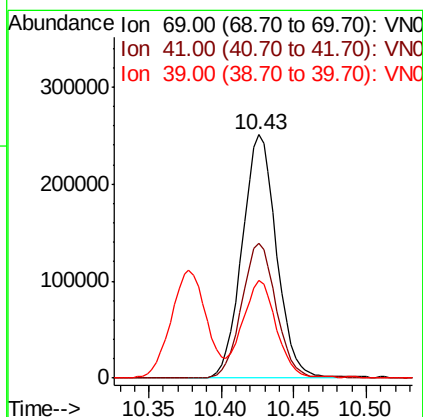
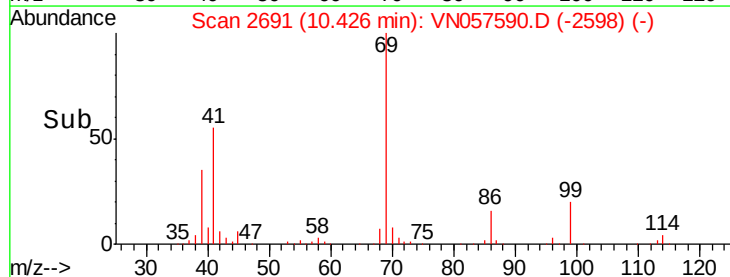
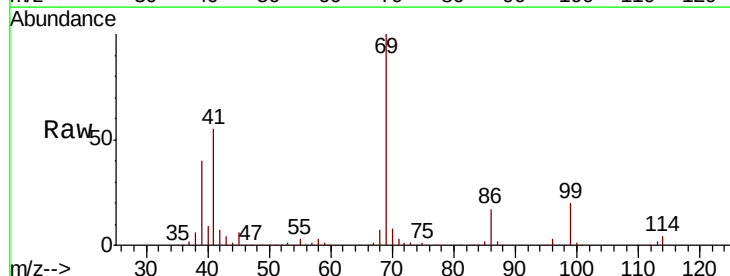
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

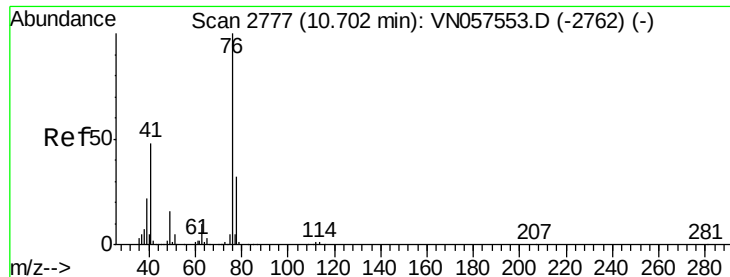
Tgt Ion:	97	Resp:	296869
Ion	Ratio	Lower	Upper
97	100		
83	85.5	73.7	110.5
85	57.7	46.8	70.2
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.135 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion:	69	Resp:	413253
Ion	Ratio	Lower	Upper
69	100		
41	54.9	60.8	91.2#
39	38.7	36.5	54.7





#57

1,3-Dichloropropane

Concen: 50.736 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

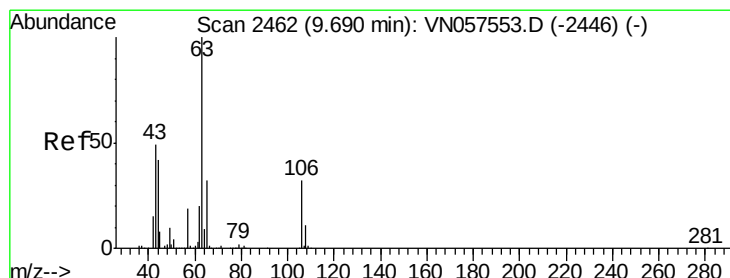
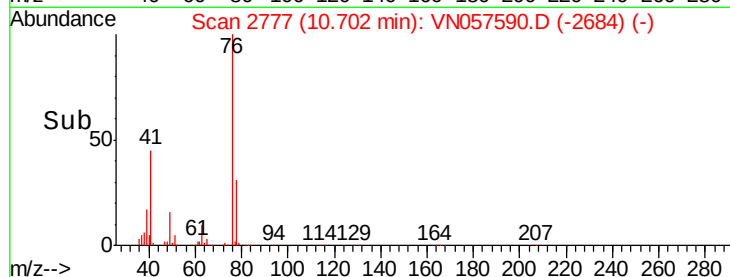
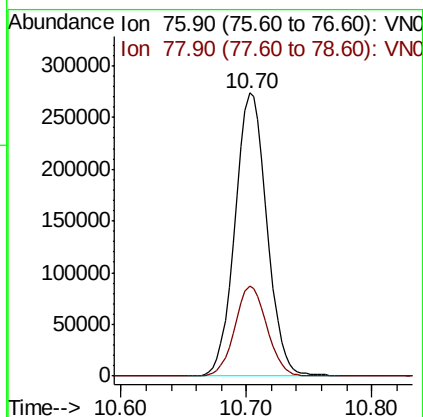
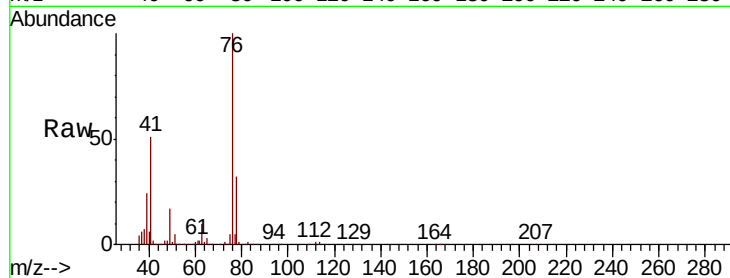
BFB

Tgt Ion: 76 Resp: 482670

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 292.897 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057590.D

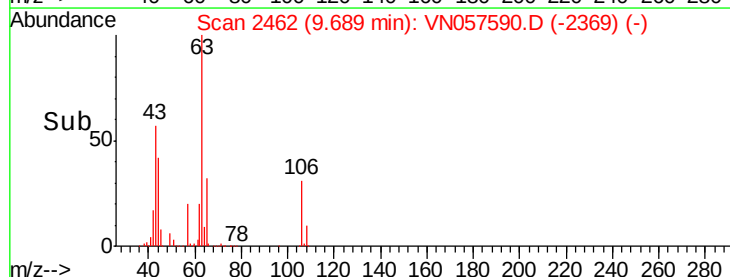
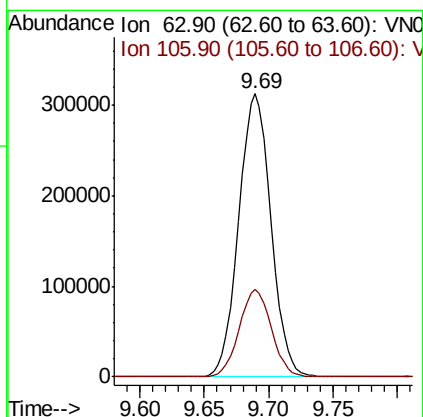
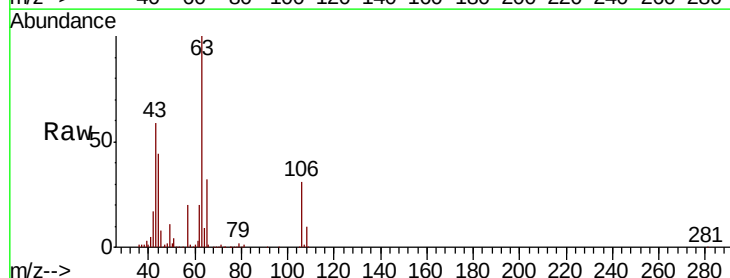
Acq: 30 Aug 2019 15:41

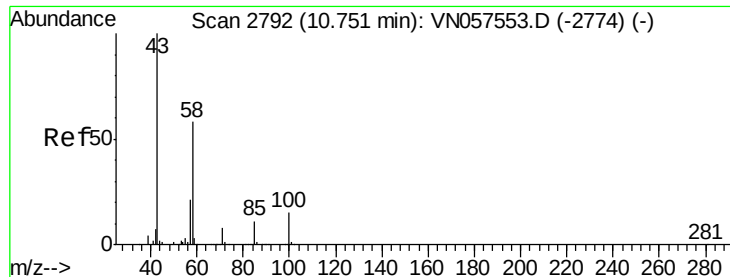
Tgt Ion: 63 Resp: 544702

Ion Ratio Lower Upper

63 100

106 30.8 18.6 27.8#

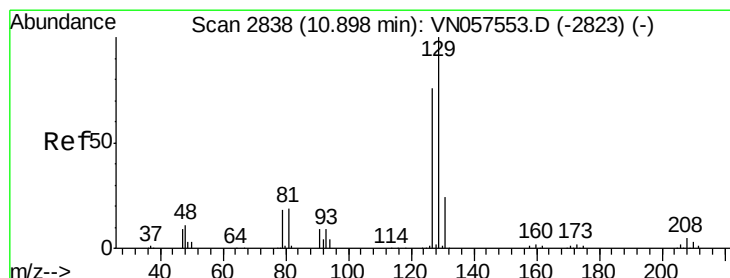
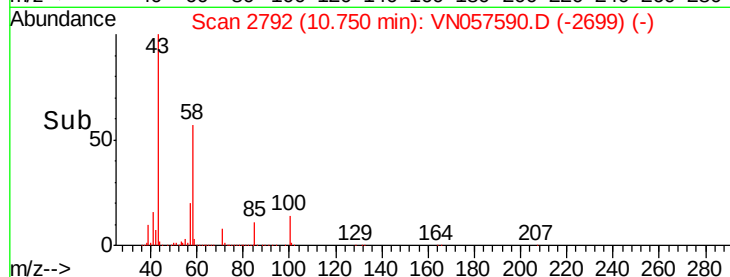
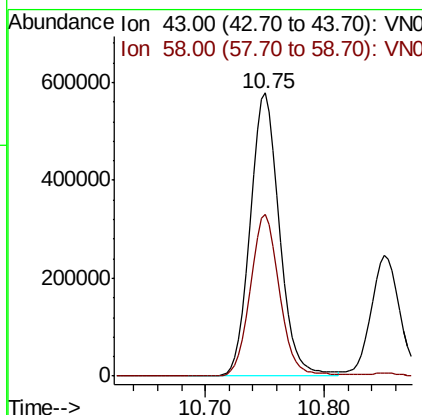
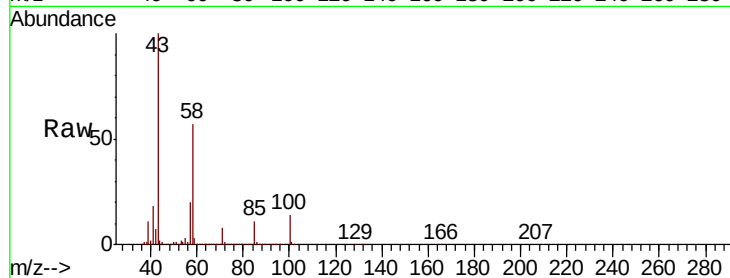




#59
2-Hexanone
Concen: 275.758 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

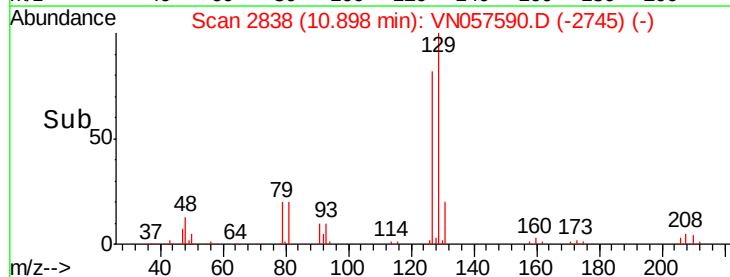
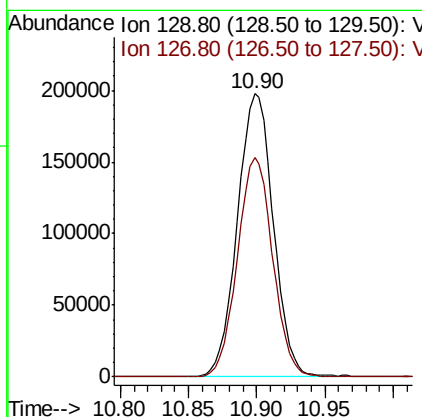
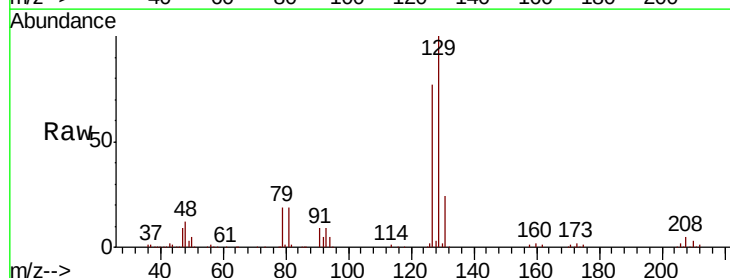
Instrument :
MSVOA_N
ClientSampleId :
BFB

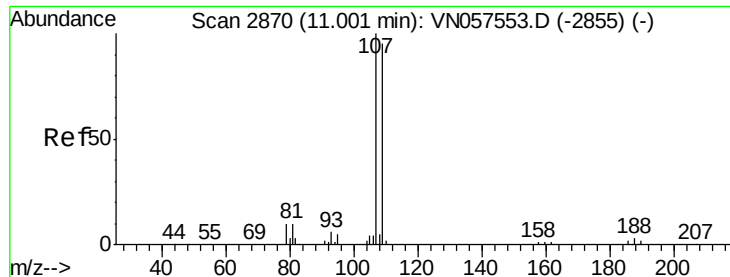
Tgt Ion: 43 Resp: 982074
Ion Ratio Lower Upper
43 100
58 57.1 24.6 73.6



#60
Dibromochloromethane
Concen: 53.319 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion: 129 Resp: 362192
Ion Ratio Lower Upper
129 100
127 76.1 39.0 116.9

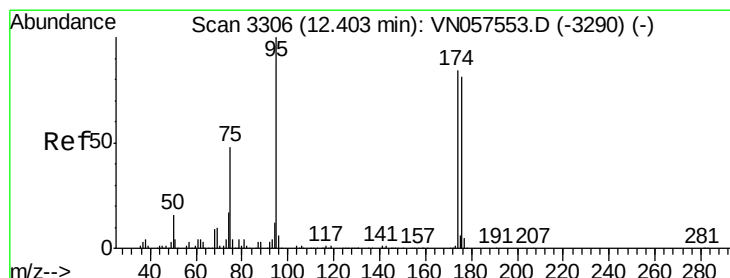
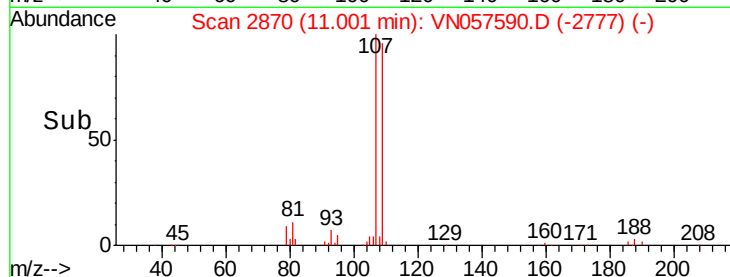
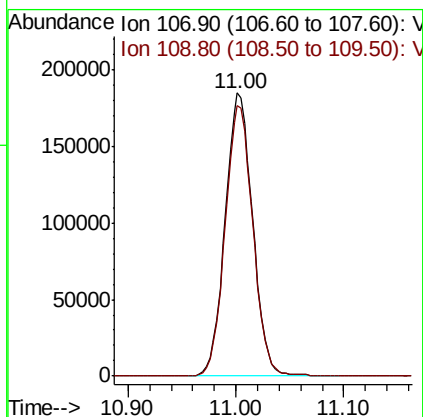
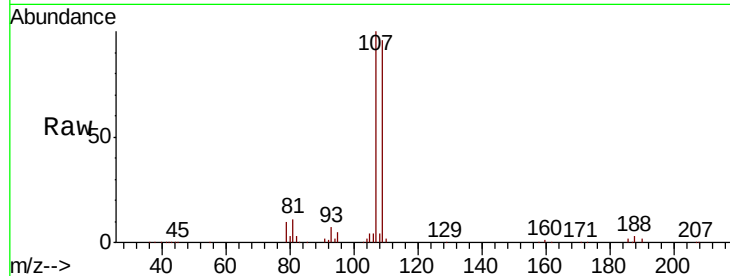




#61
 1,2-Dibromoethane
 Concen: 52.690 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

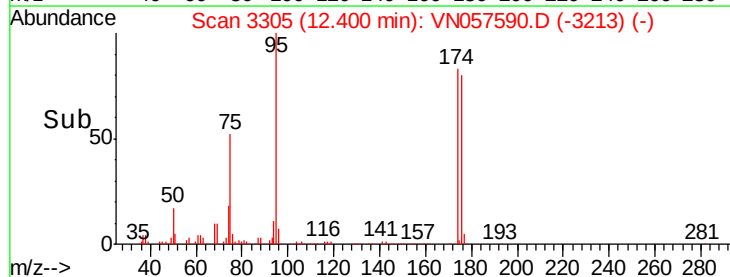
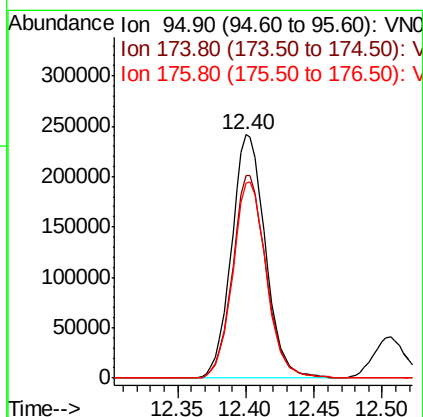
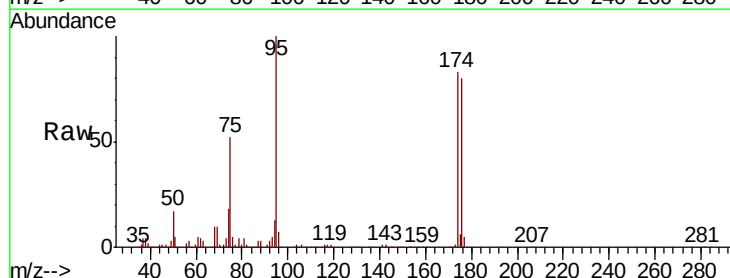
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

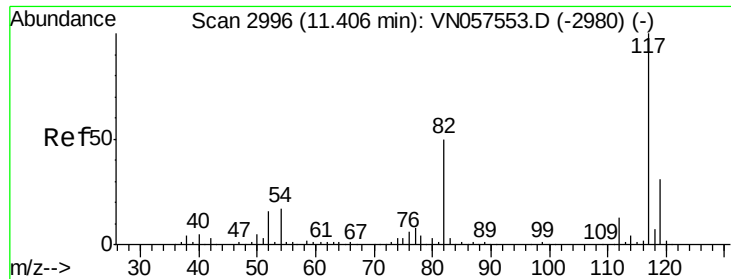
Tgt Ion: 107 Resp: 328355
 Ion Ratio Lower Upper
 107 100
 109 96.2 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 54.231 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 95 Resp: 415217
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 133.0
 176 80.2 0.0 130.8

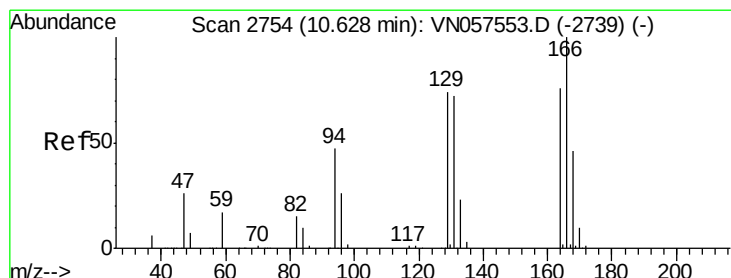
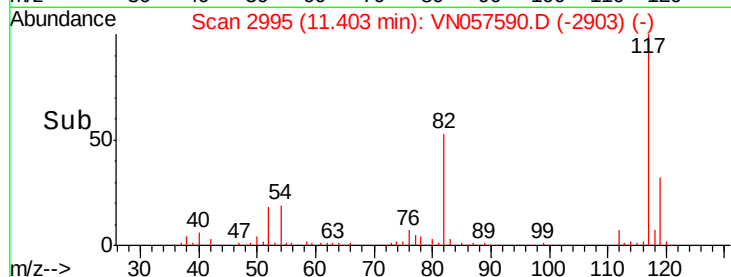
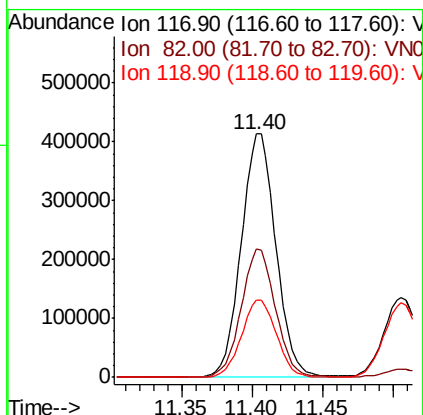
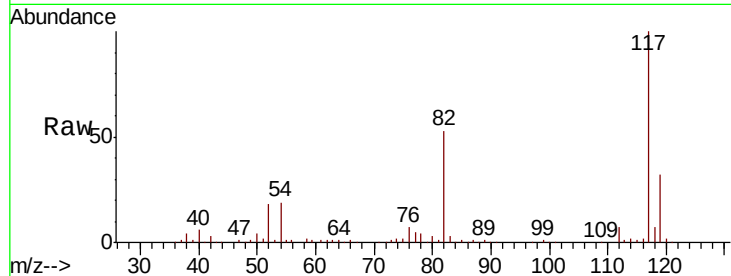




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

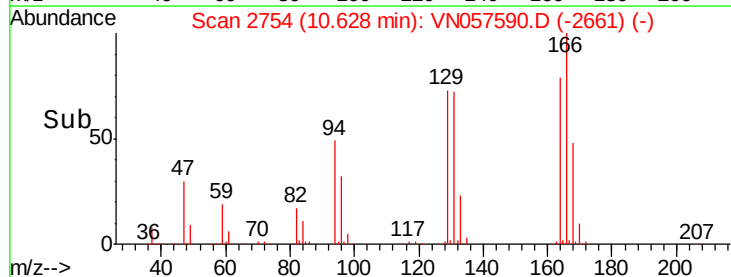
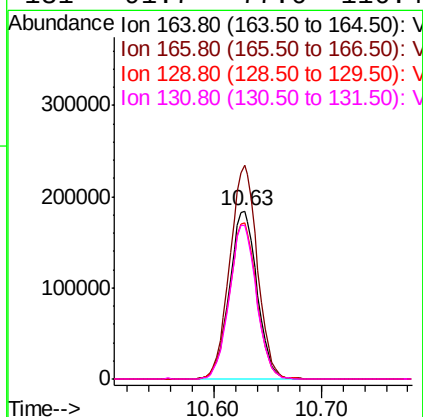
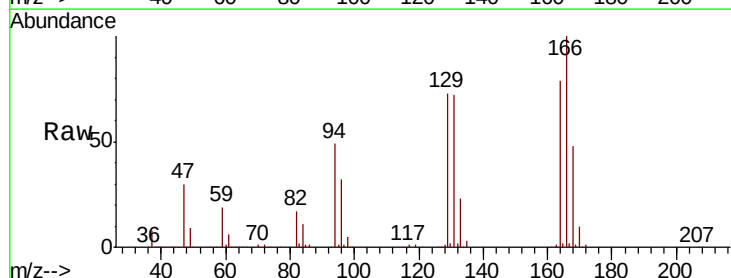
Instrument :
MSVOA_N
ClientSampled :
BFB

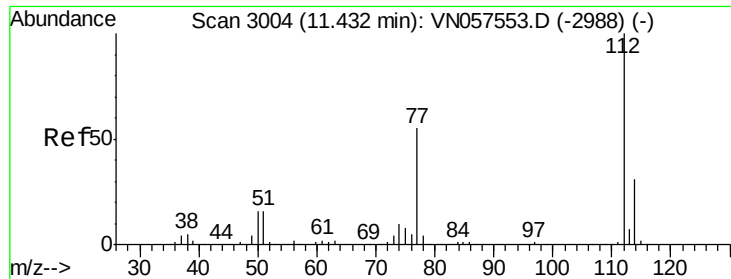
Tgt Ion:117 Resp: 714147
Ion Ratio Lower Upper
117 100
82 52.8 50.6 75.8
119 31.9 24.6 36.8



#64
Tetrachloroethene
Concen: 44.738 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion:164 Resp: 328144
Ion Ratio Lower Upper
164 100
166 127.1 104.4 156.6
129 93.0 86.6 130.0
131 91.7 77.6 116.4

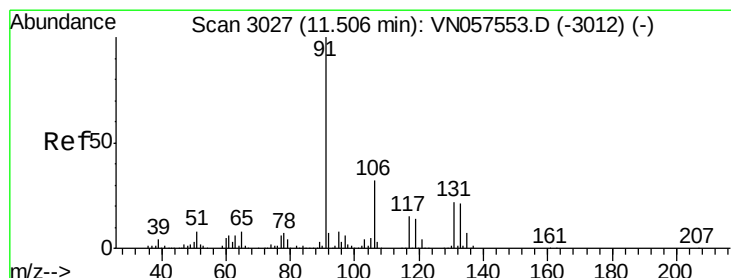
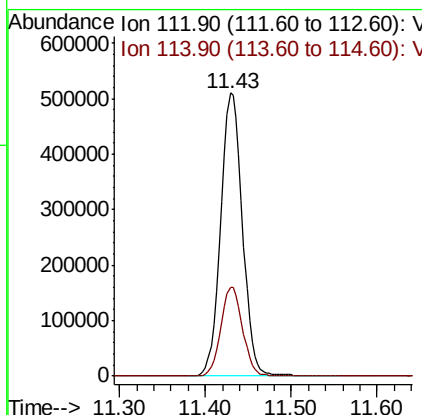
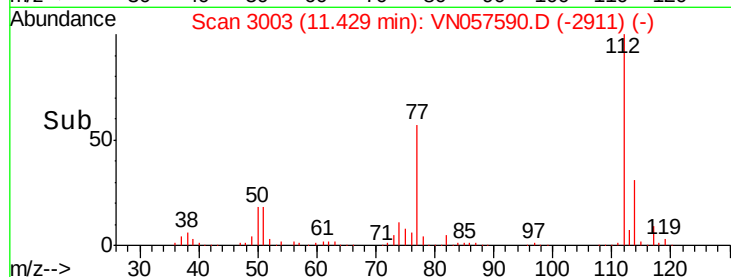
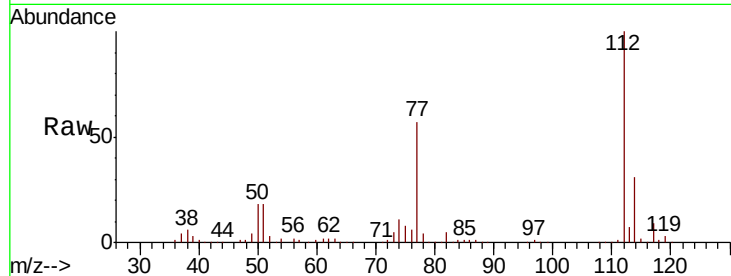




#65
Chlorobenzene
Concen: 50.061 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

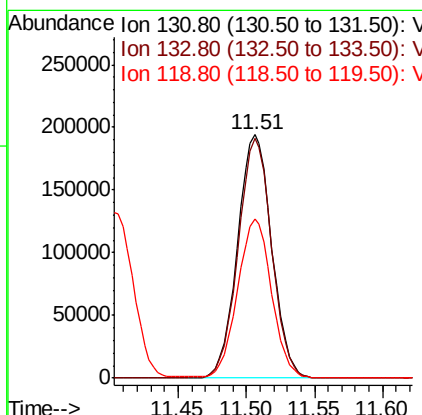
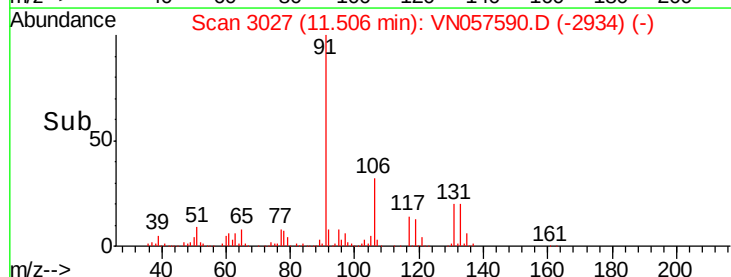
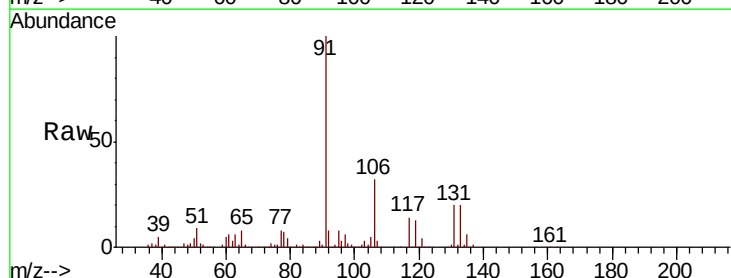
Instrument :
MSVOA_N
ClientSampleId :
BFB

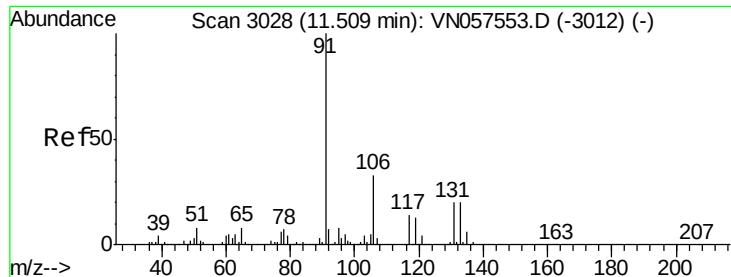
Tgt Ion:112 Resp: 897360
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.695 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion:131 Resp: 337173
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 65.2 34.4 103.2

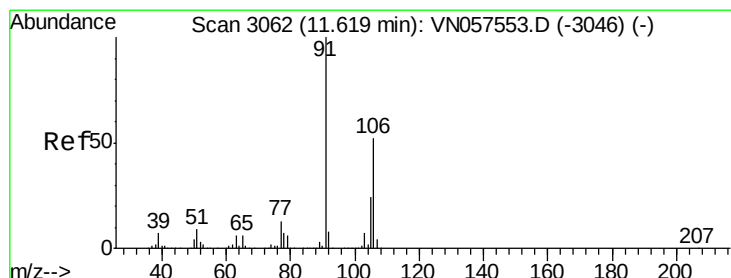
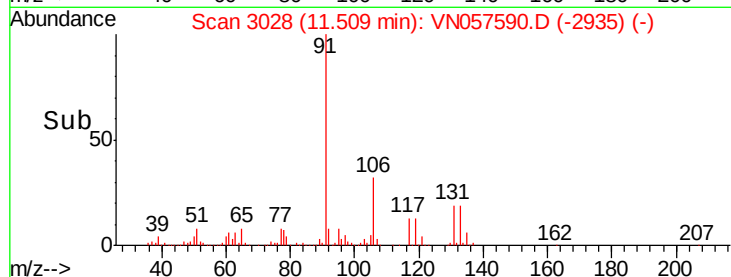
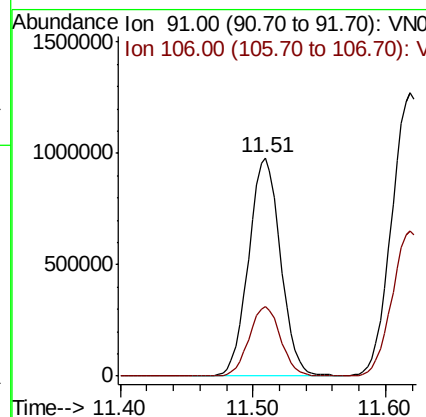
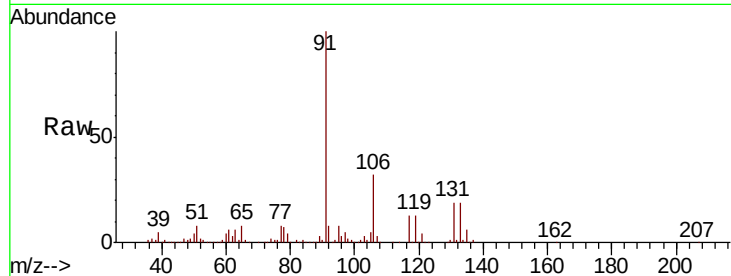




#67
 Ethyl Benzene
 Concen: 52.026 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

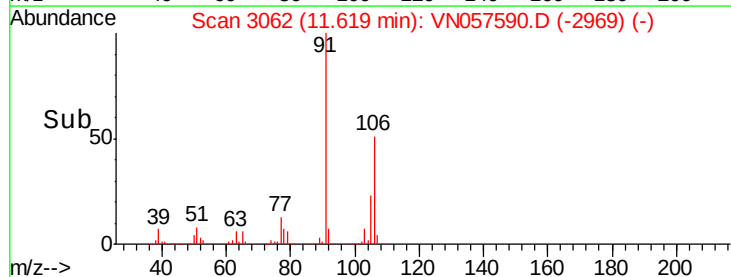
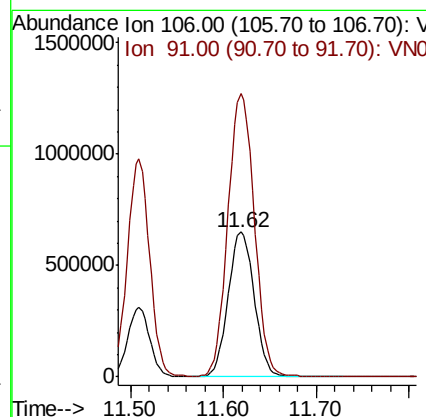
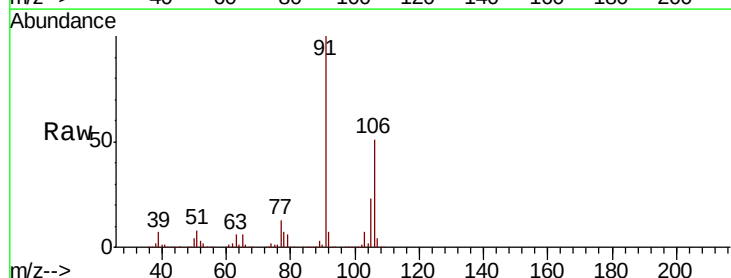
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

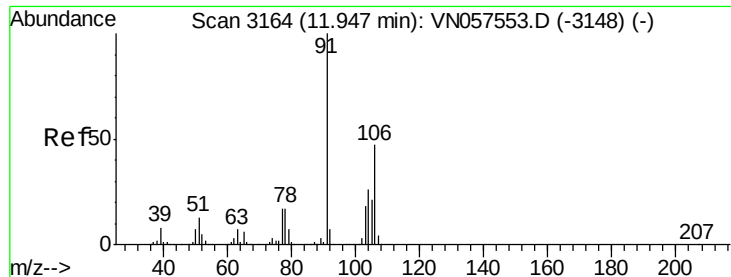
Tgt Ion: 91 Resp: 1637692
 Ion Ratio Lower Upper
 91 100
 106 31.7 24.1 36.1



#68
 m/p-Xylenes
 Concen: 105.967 ug/l
 RT: 11.62 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 106 Resp: 1270443
 Ion Ratio Lower Upper
 106 100
 91 198.8 171.8 257.6

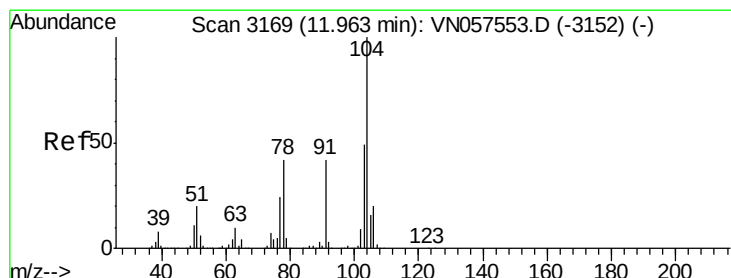
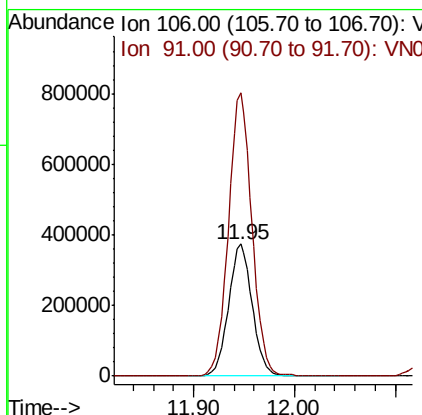
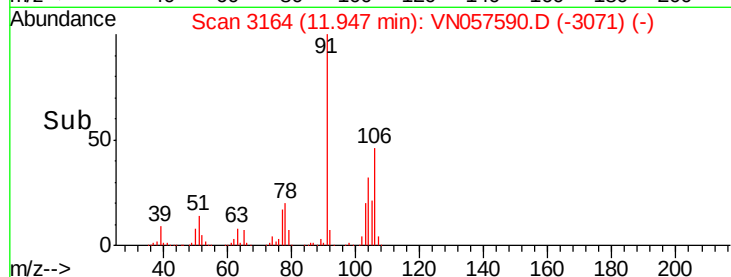
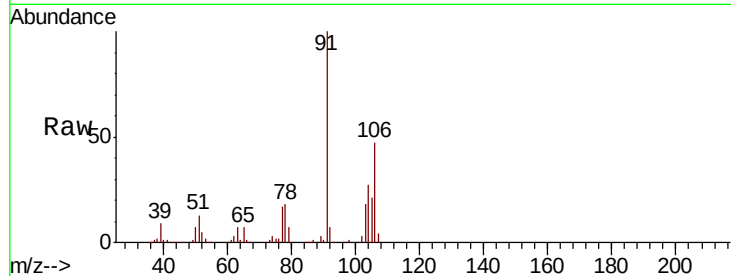




#69
o-Xylene
Concen: 50.660 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

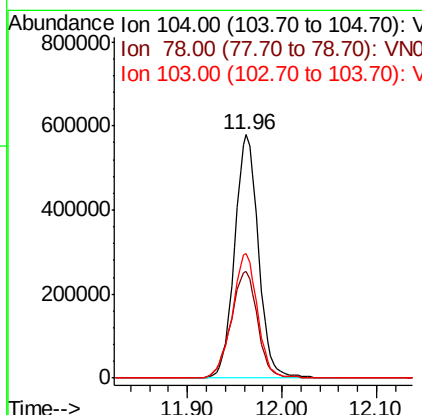
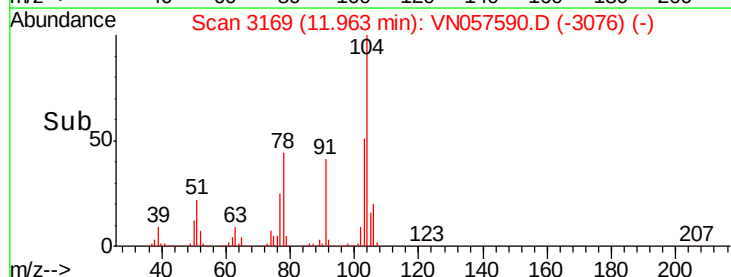
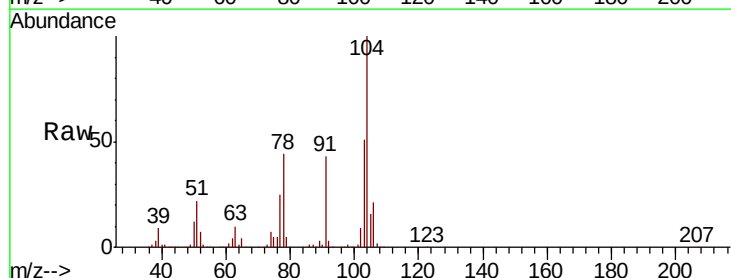
Instrument :
MSVOA_N
ClientSampled :
BFB

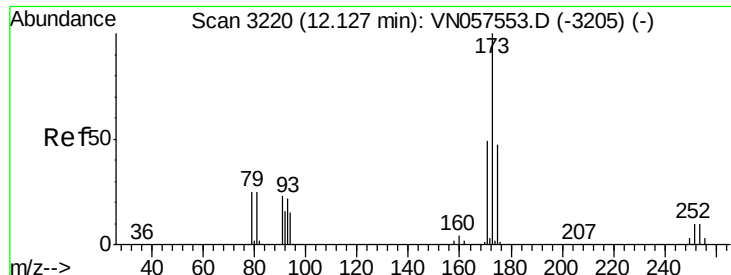
Tgt Ion:106 Resp: 609932
Ion Ratio Lower Upper
106 100
91 213.0 112.3 336.9



#70
Styrene
Concen: 55.588 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion:104 Resp: 1010200
Ion Ratio Lower Upper
104 100
78 48.9 44.7 67.1
103 54.5 44.4 66.6

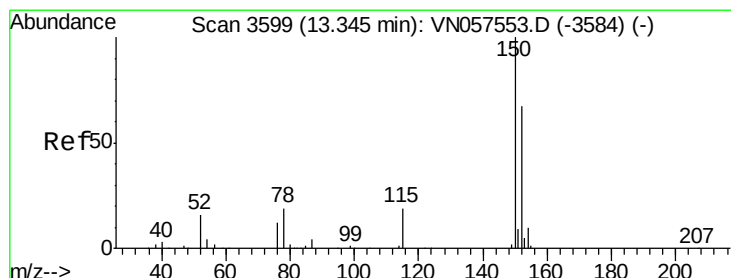
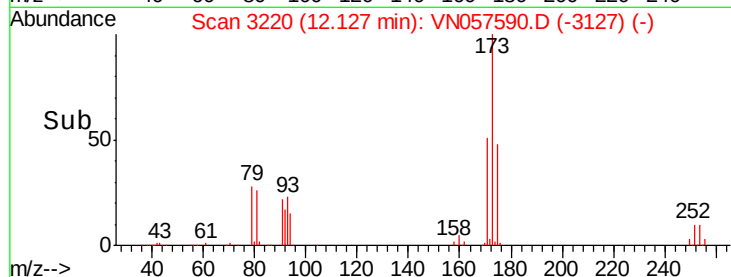
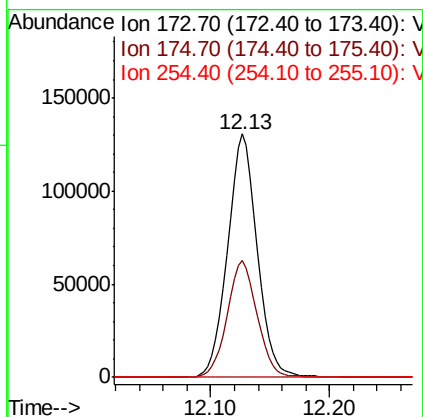
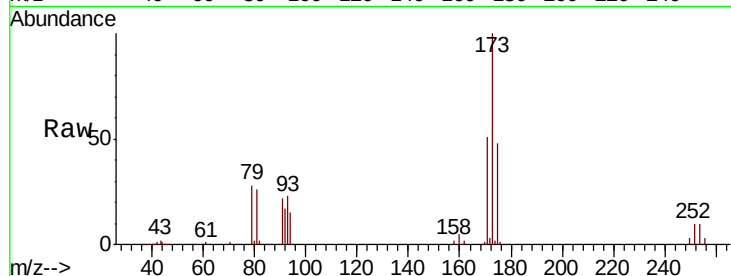




#71
Bromoform
Concen: 47.582 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

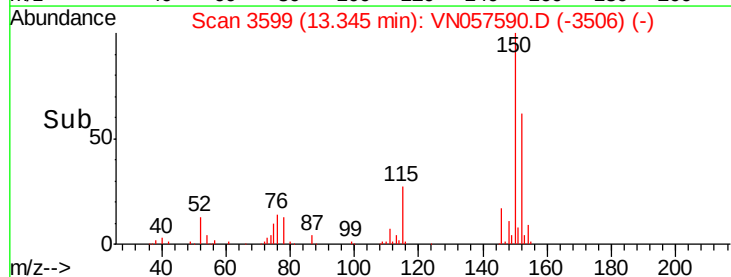
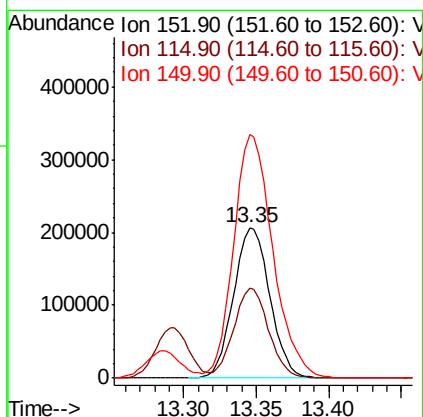
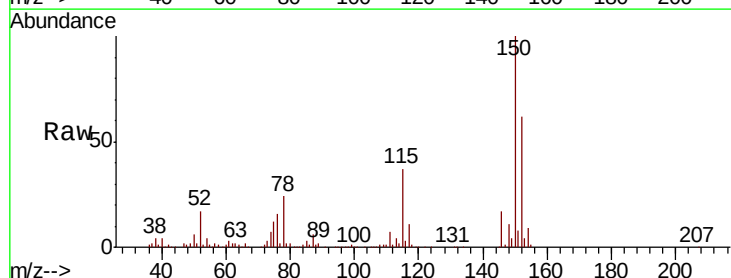
Instrument :
MSVOA_N
ClientSampleId :
BFB

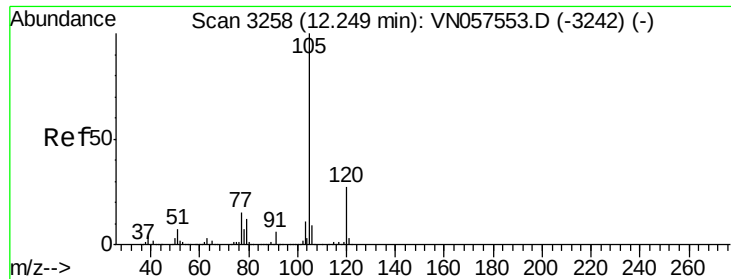
Tgt Ion:173 Resp: 224541
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion:152 Resp: 358547
Ion Ratio Lower Upper
152 100
115 57.7 32.0 96.0
150 175.1 0.0 346.6





#73

Isopropylbenzene

Concen: 50.587 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

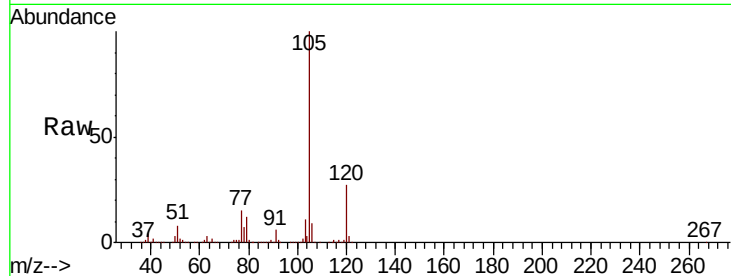
BFB

Tgt Ion:105 Resp: 1676762

Ion Ratio Lower Upper

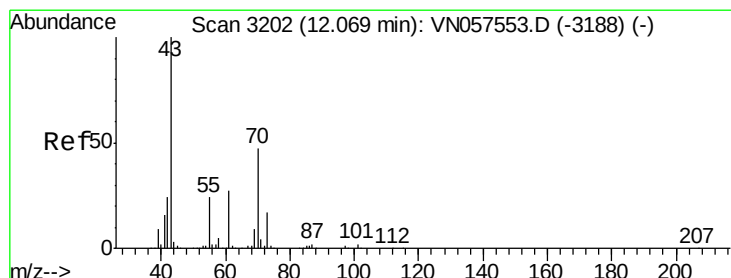
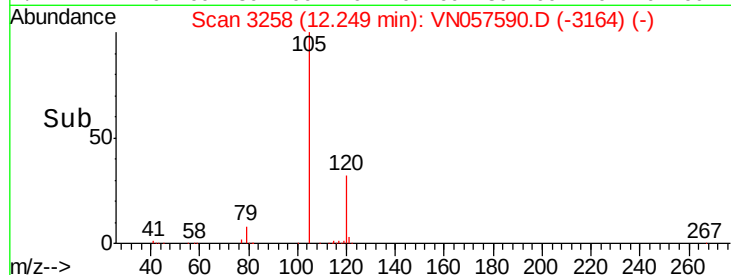
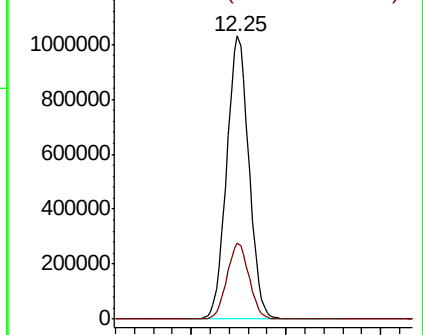
105 100

120 26.7 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.830 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Tgt Ion: 43 Resp: 403409

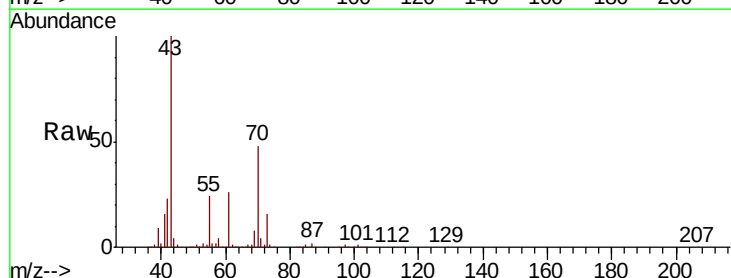
Ion Ratio Lower Upper

43 100

70 48.6 27.8 41.6#

55 25.0 17.0 25.4

61 26.1 17.0 25.6#

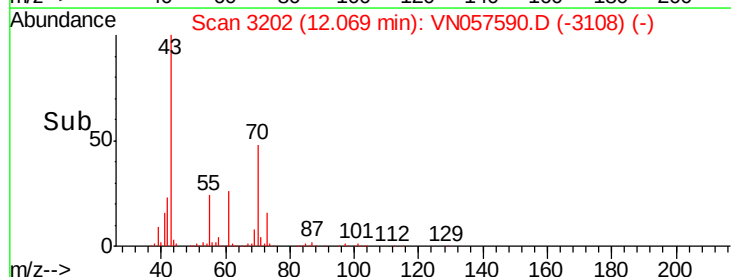
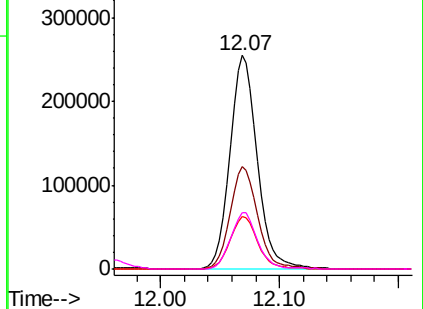


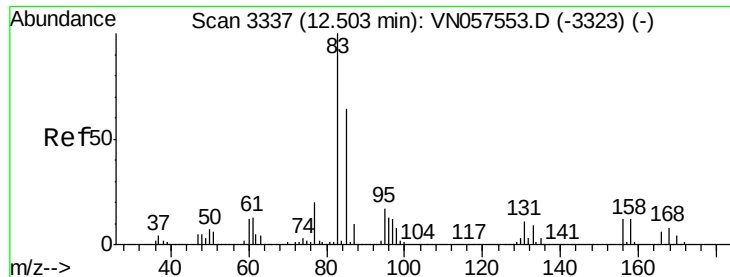
Abundance Ion 43.00 (42.70 to 43.70): V

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: 52.216 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

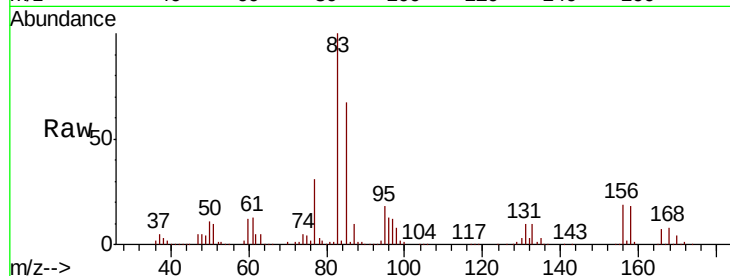
Tgt Ion: 83 Resp: 384045

Ion Ratio Lower Upper

83 100

131 10.7 4.3 13.1

85 67.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.51

250000

200000

150000

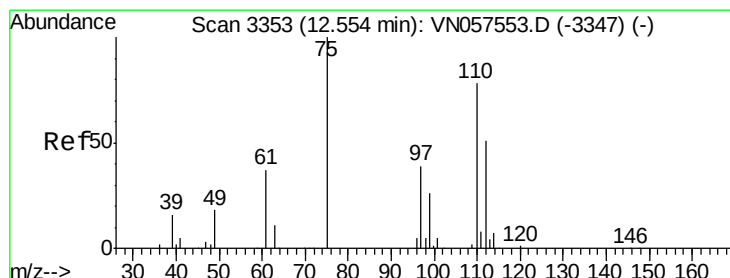
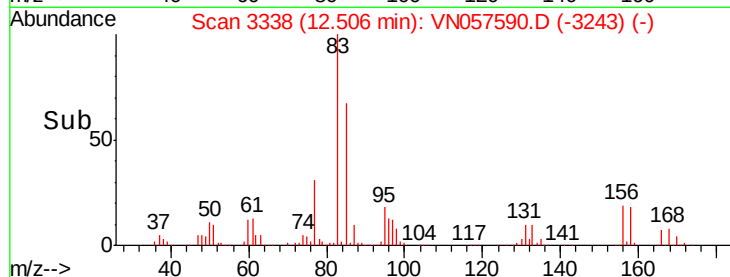
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 75.277 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057590.D

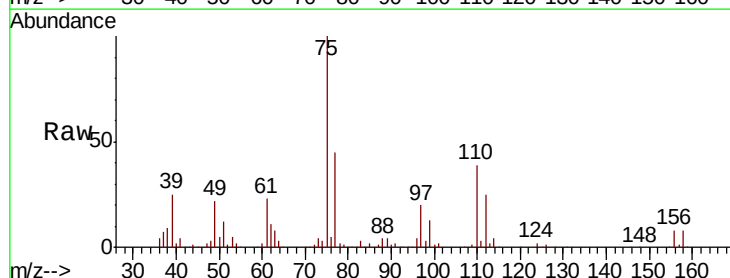
Acq: 30 Aug 2019 15:41

Tgt Ion: 75 Resp: 485503

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

400000

300000

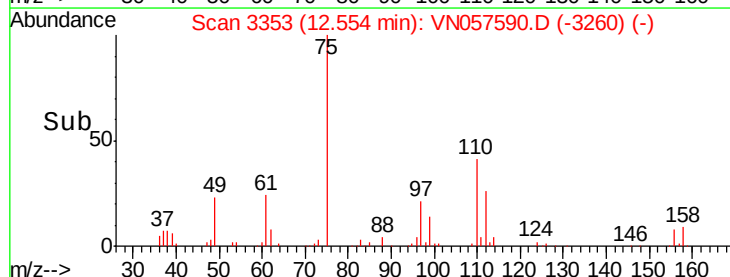
200000

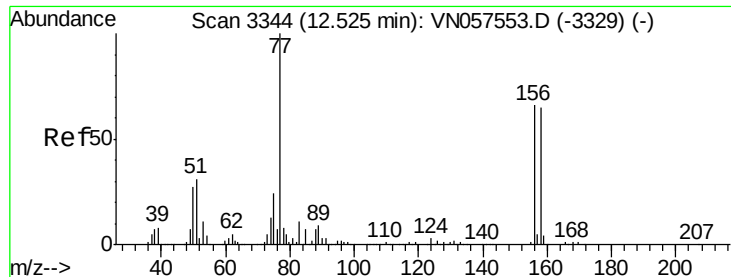
100000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 43.612 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

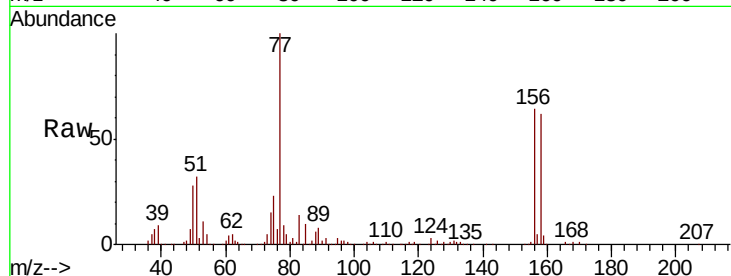
Tgt Ion:156 Resp: 385755

Ion Ratio Lower Upper

156 100

77 183.4 124.4 373.3

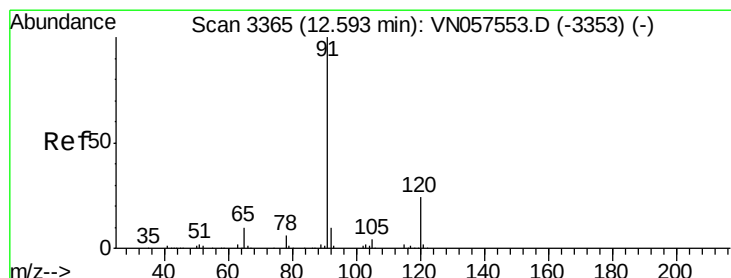
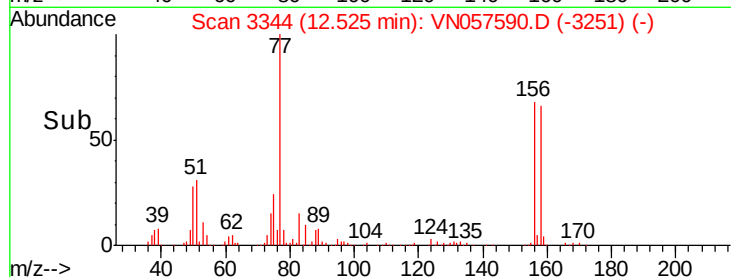
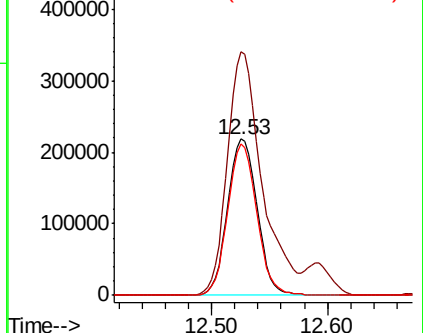
158 95.1 48.3 144.8



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: 47.466 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057590.D

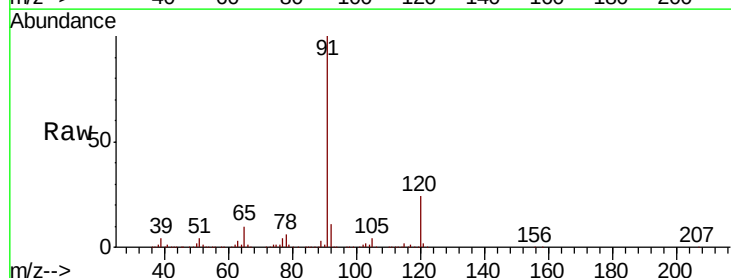
Acq: 30 Aug 2019 15:41

Tgt Ion: 91 Resp: 1799117

Ion Ratio Lower Upper

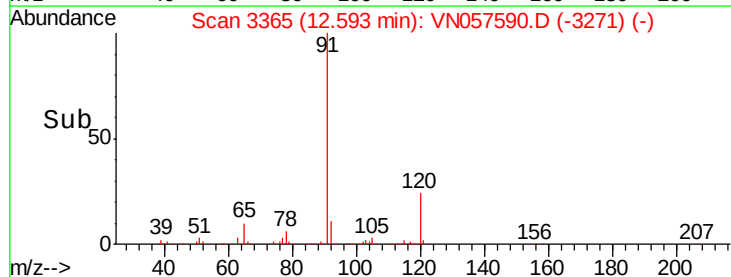
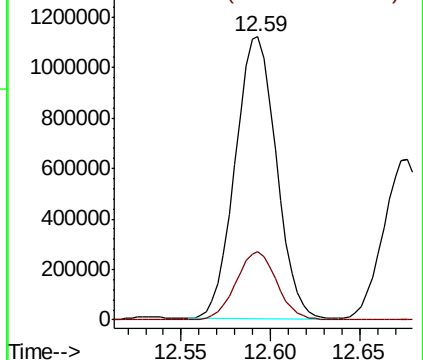
91 100

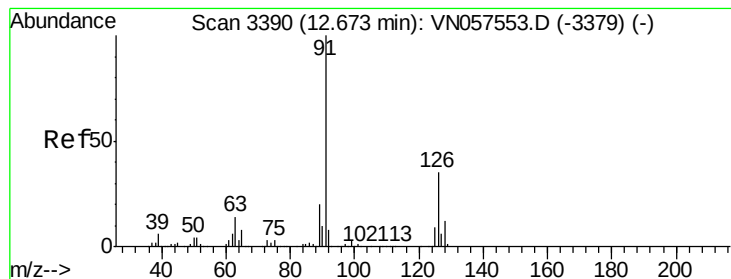
120 24.0 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.849 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

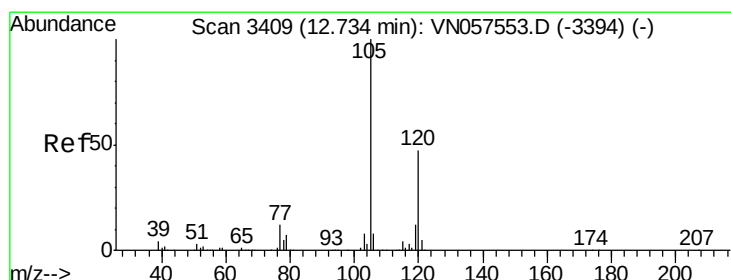
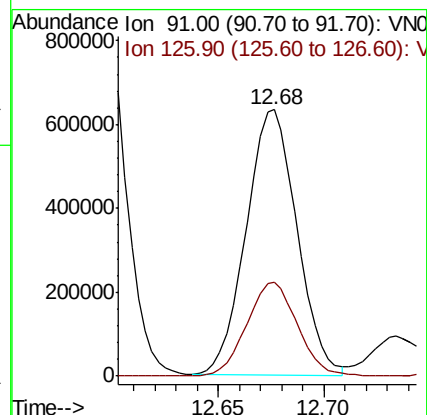
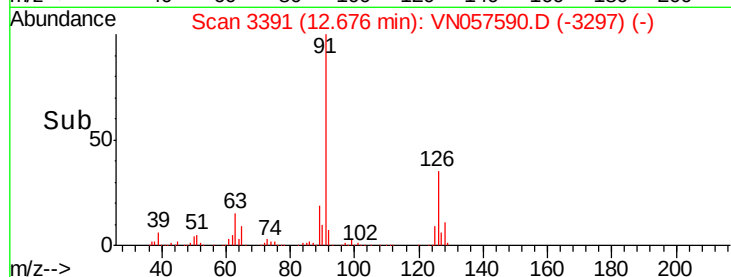
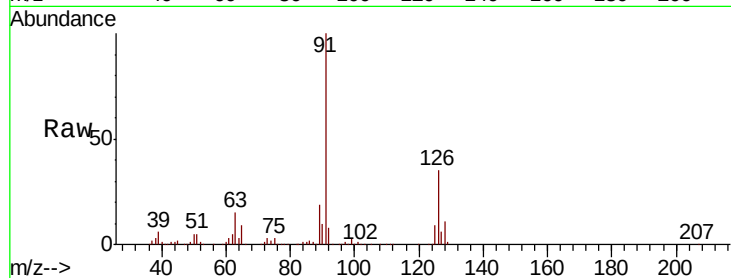
BFB

Tgt Ion: 91 Resp: 1058878

Ion Ratio Lower Upper

91 100

126 35.5 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 47.164 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057590.D

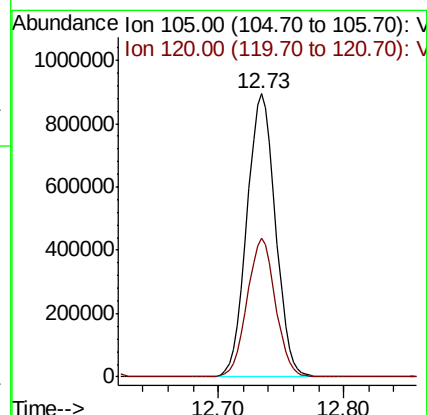
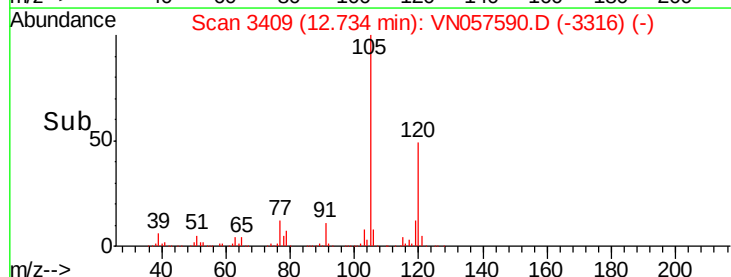
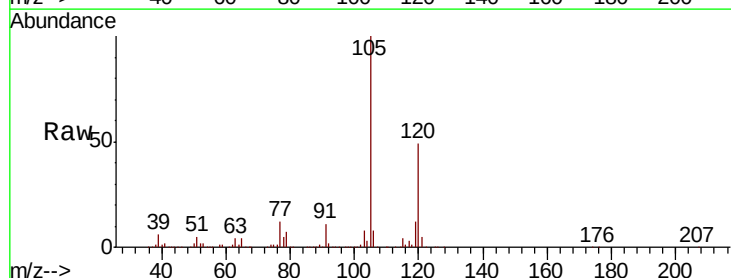
Acq: 30 Aug 2019 15:41

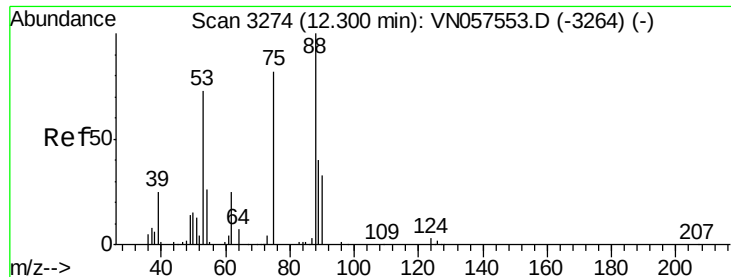
Tgt Ion: 105 Resp: 1416087

Ion Ratio Lower Upper

105 100

120 48.6 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.684 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

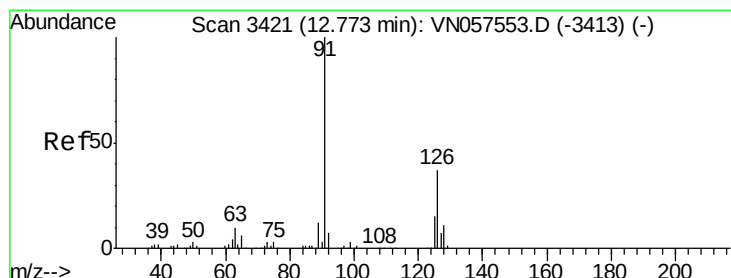
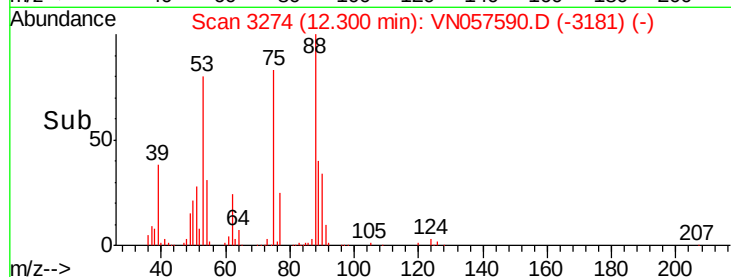
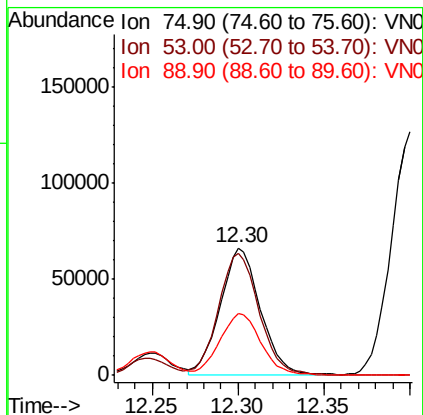
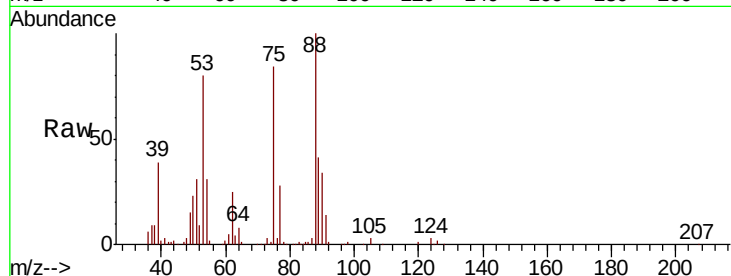
Tgt Ion: 75 Resp: 106550

Ion Ratio Lower Upper

75 100

53 99.4 82.7 124.1

89 51.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 48.577 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057590.D

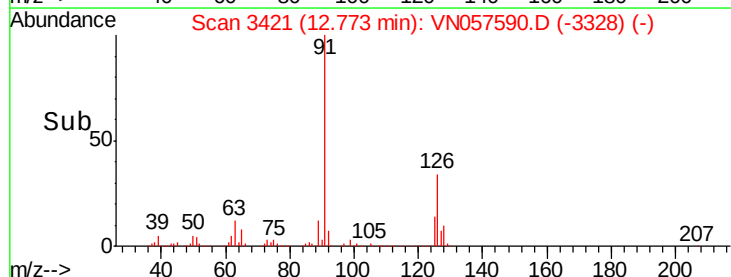
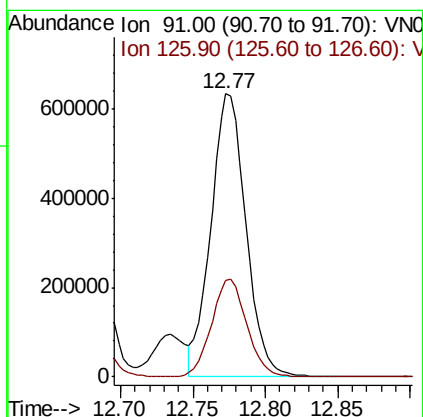
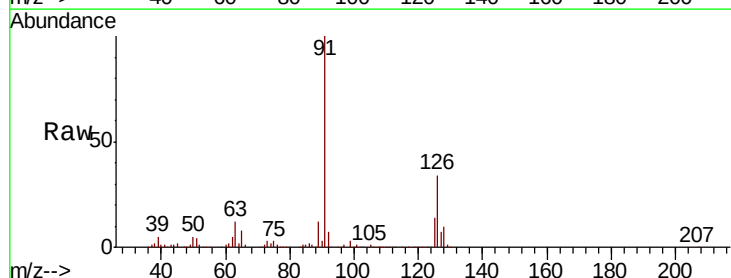
Acq: 30 Aug 2019 15:41

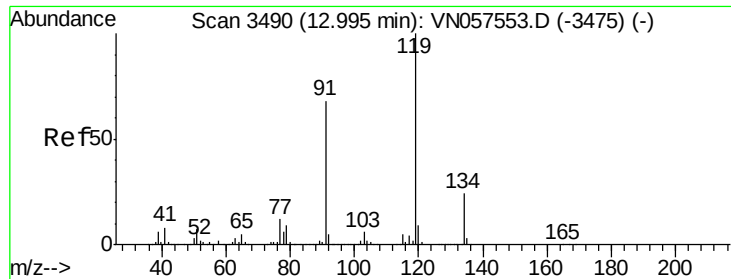
Tgt Ion: 91 Resp: 1064076

Ion Ratio Lower Upper

91 100

126 34.9 15.0 45.0

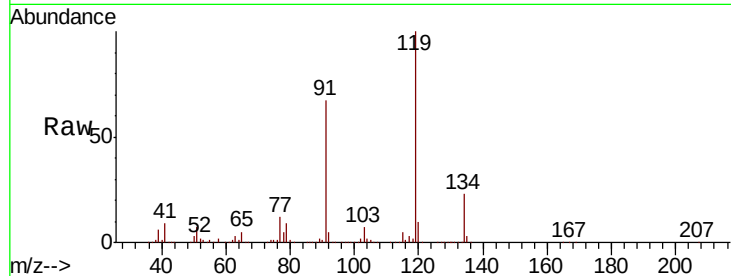




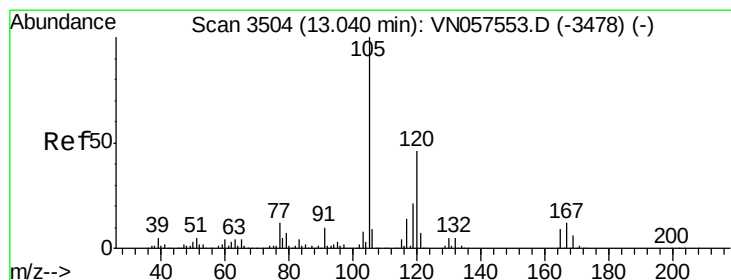
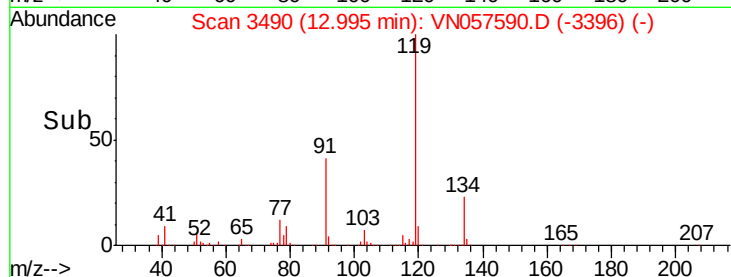
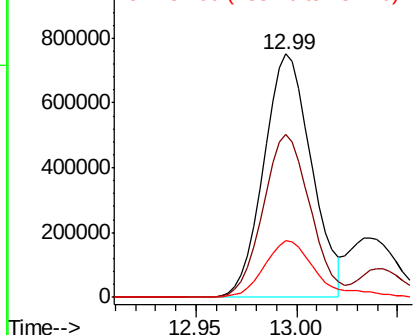
#83
 tert-Butylbenzene
 Concen: 54.425 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 1235798
 Ion Ratio Lower Upper
 119 100
 91 66.1 37.0 111.0
 134 25.3 12.2 36.6

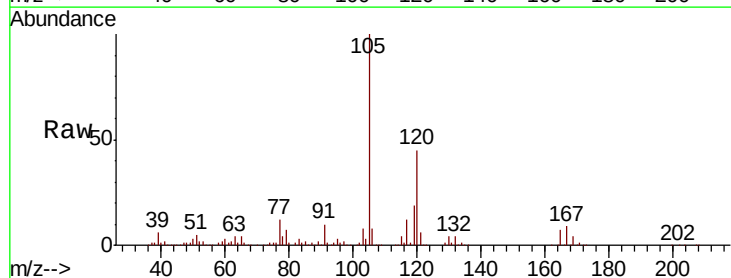


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

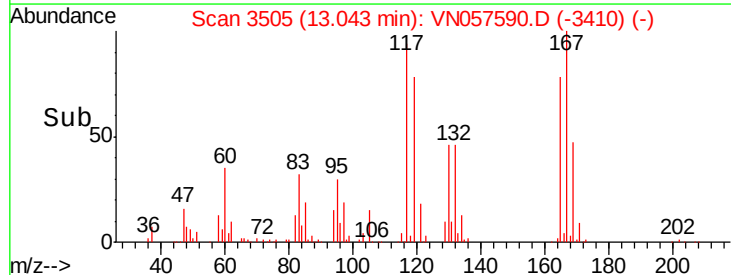
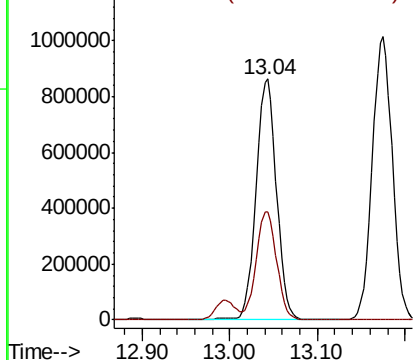


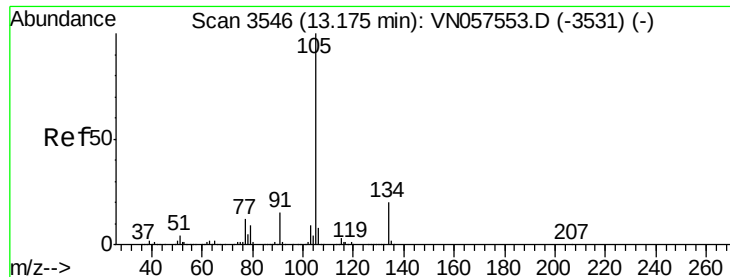
#84
 1,2,4-Trimethylbenzene
 Concen: 50.844 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion:105 Resp: 1396222
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 48.771 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

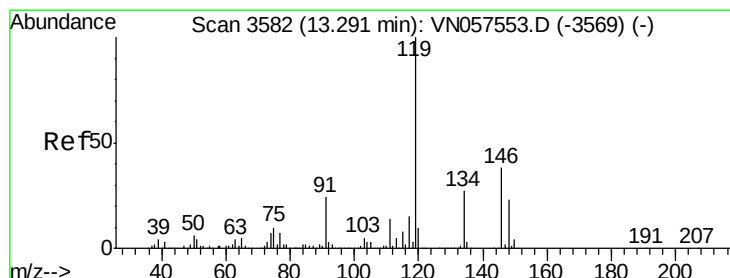
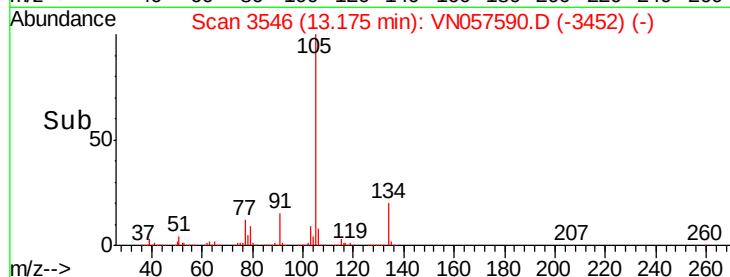
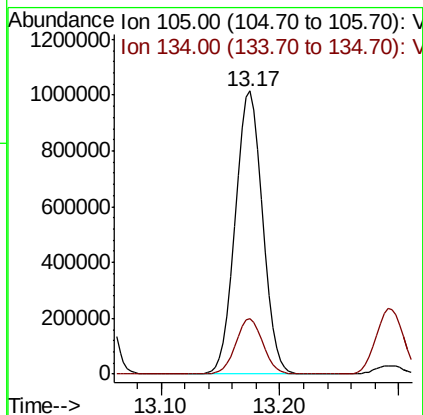
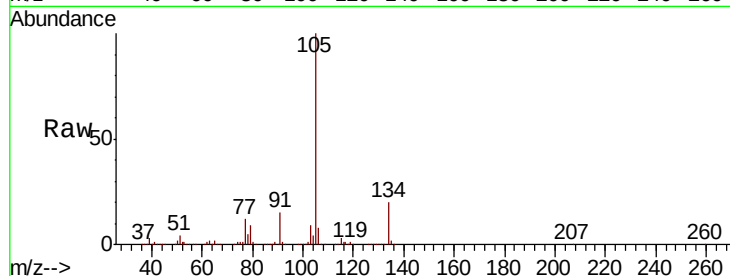
BFB

Tgt Ion:105 Resp: 1609537

Ion Ratio Lower Upper

105 100

134 19.4 9.3 27.9



#86

p-Isopropyltoluene

Concen: 50.691 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

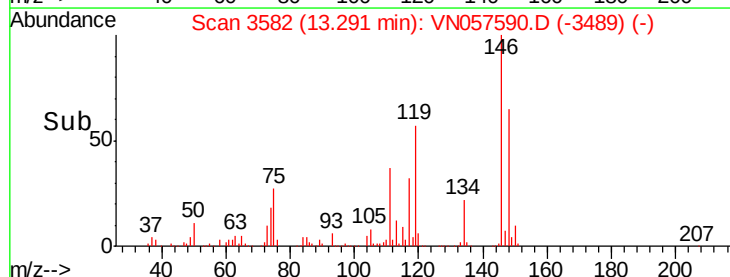
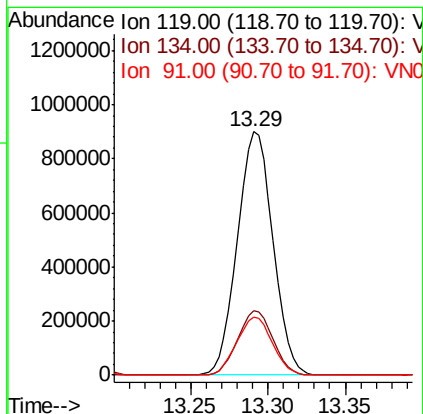
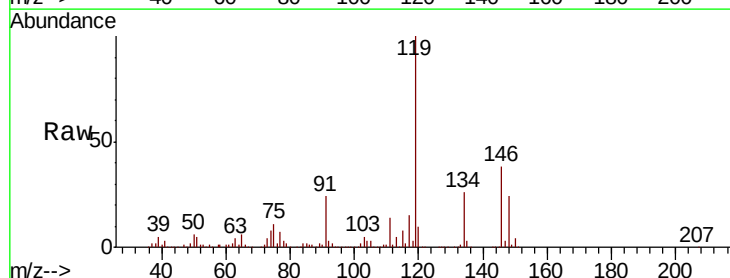
Tgt Ion:119 Resp: 1437896

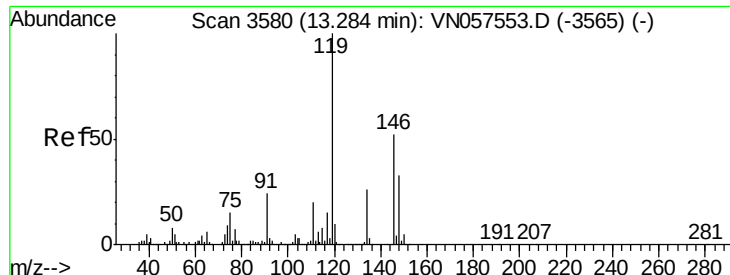
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.1

91 23.9 13.9 41.6





#87

1,3-Dichlorobenzene

Concen: 50.605 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

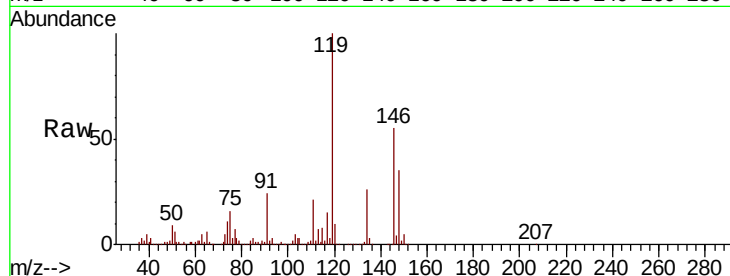
Tgt Ion:146 Resp: 650058

Ion Ratio Lower Upper

146 100

111 38.3 22.1 66.1

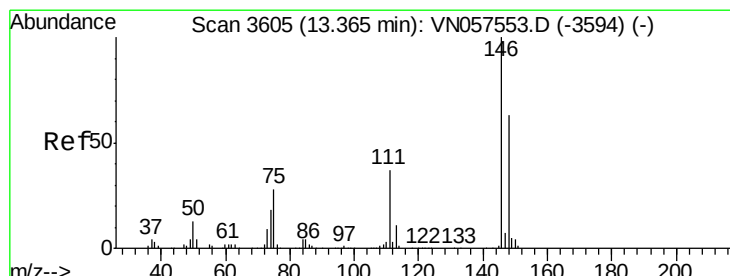
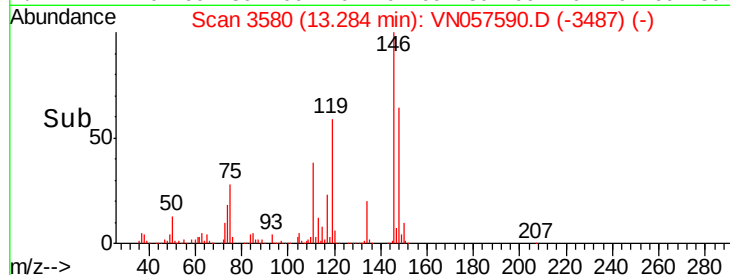
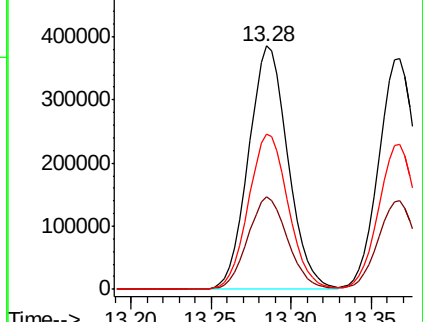
148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.778 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

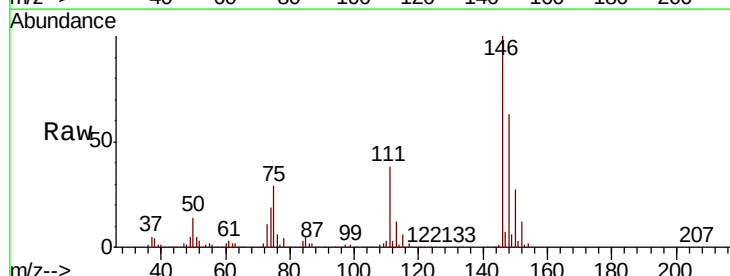
Tgt Ion:146 Resp: 625509

Ion Ratio Lower Upper

146 100

111 38.4 21.9 65.5

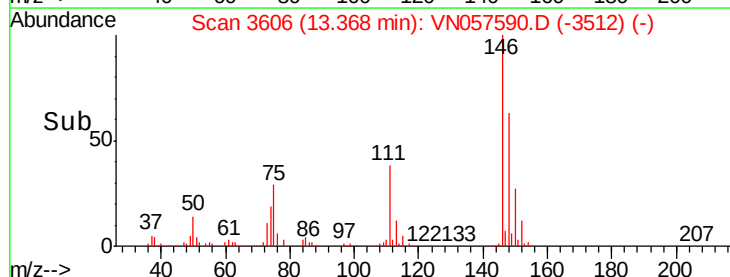
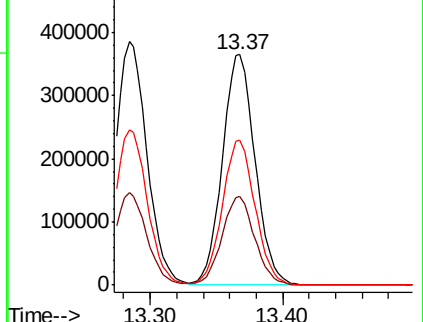
148 63.0 31.1 93.2

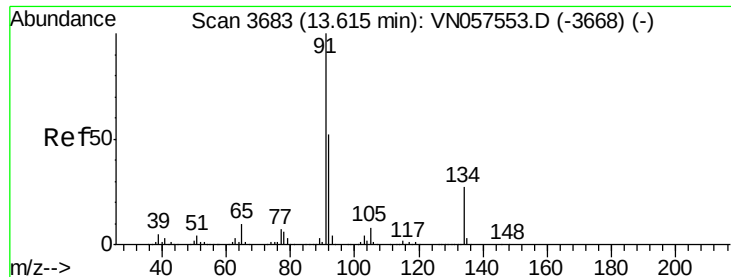


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.021 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057590.D

Acq: 30 Aug 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

BFB

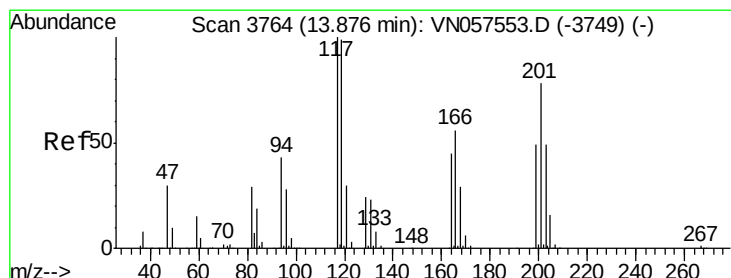
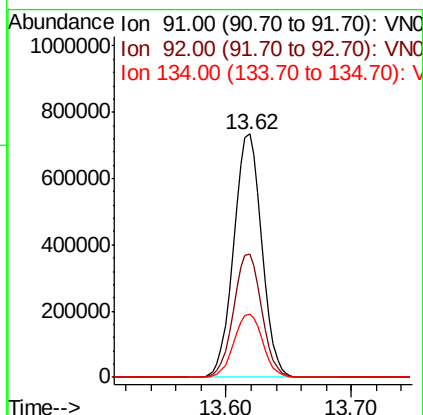
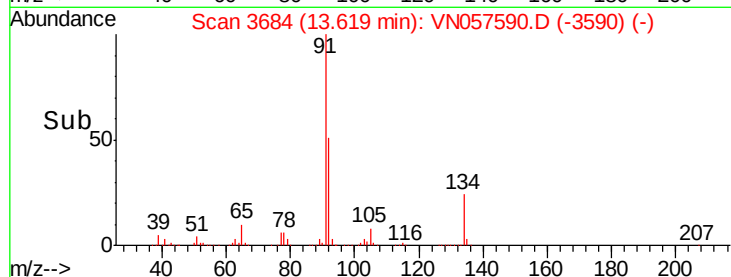
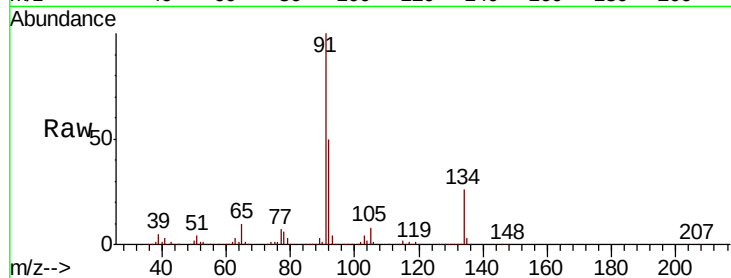
Tgt Ion: 91 Resp: 1139312

Ion Ratio Lower Upper

91 100

92 50.8 25.7 77.0

134 26.7 11.4 34.1



#90

Hexachloroethane

Concen: 40.086 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057590.D

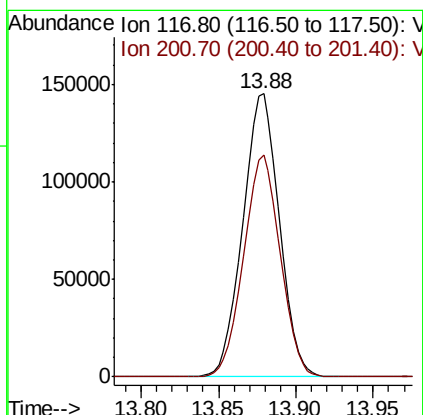
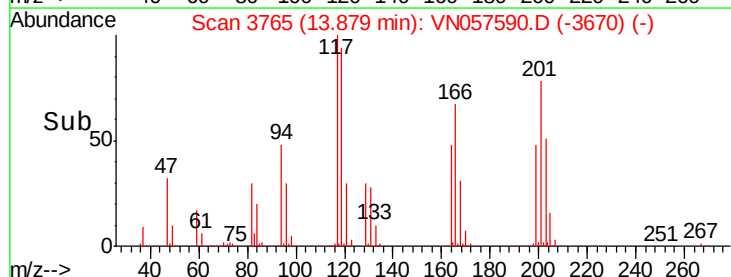
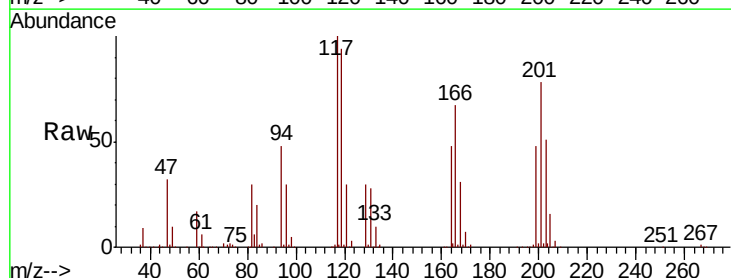
Acq: 30 Aug 2019 15:41

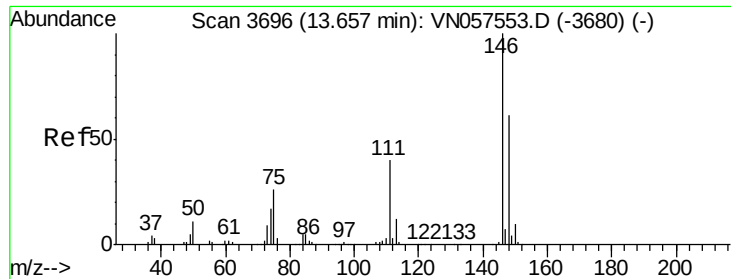
Tgt Ion: 117 Resp: 239278

Ion Ratio Lower Upper

117 100

201 78.4 33.1 99.3

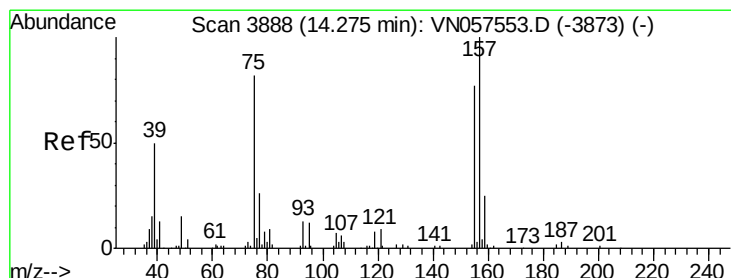
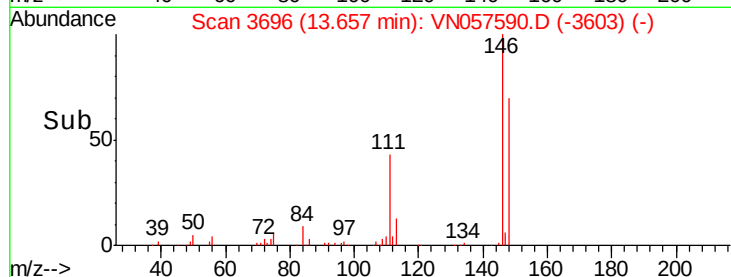
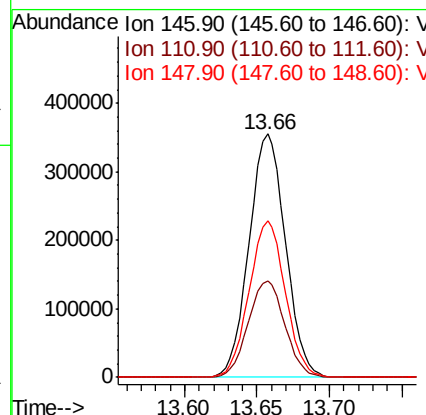
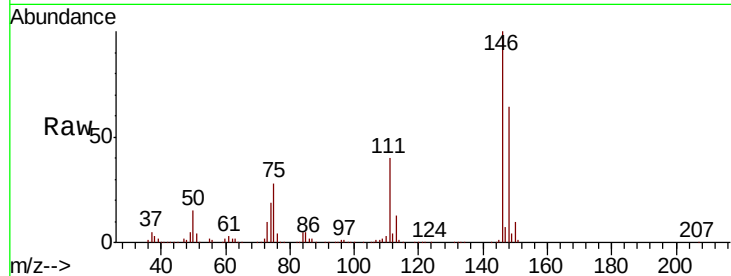




#91
 1,2-Dichlorobenzene
 Concen: 51.857 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

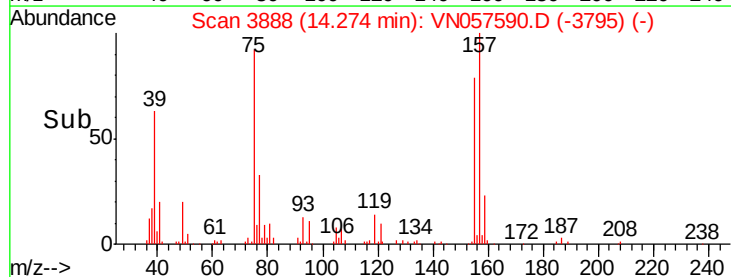
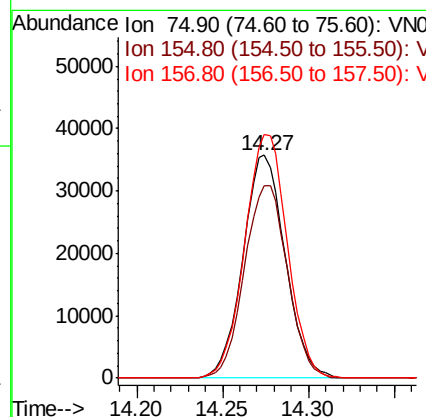
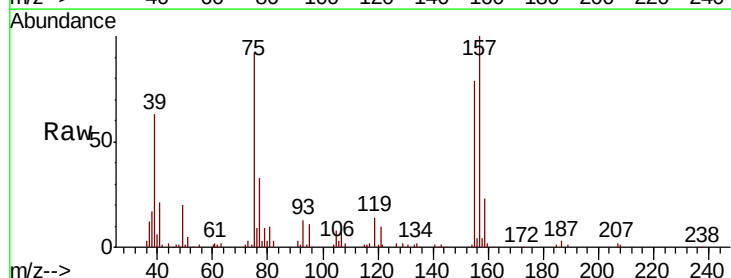
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

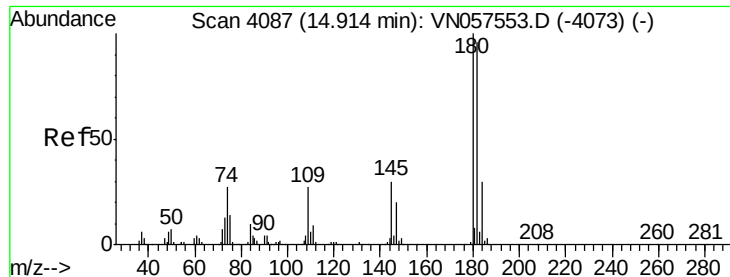
Tgt Ion: 146 Resp: 621722
 Ion Ratio Lower Upper
 146 100
 111 40.0 23.1 69.2
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.530 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion: 75 Resp: 61235
 Ion Ratio Lower Upper
 75 100
 155 87.6 31.6 94.7
 157 109.7 43.3 129.8

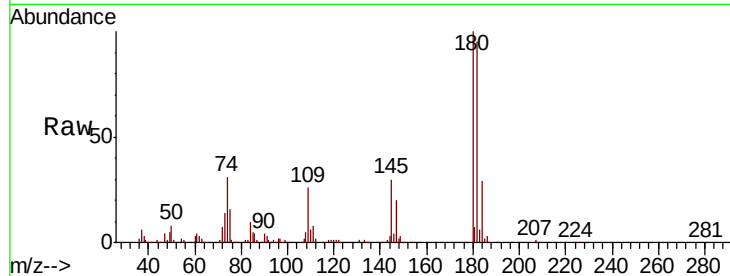




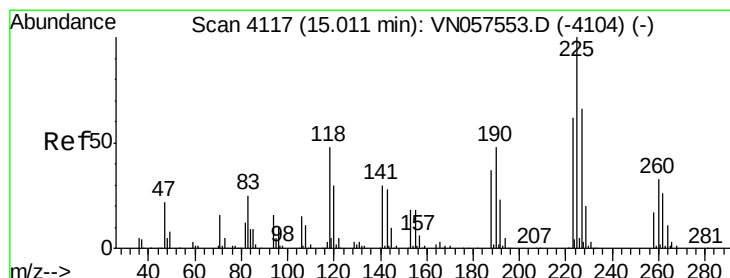
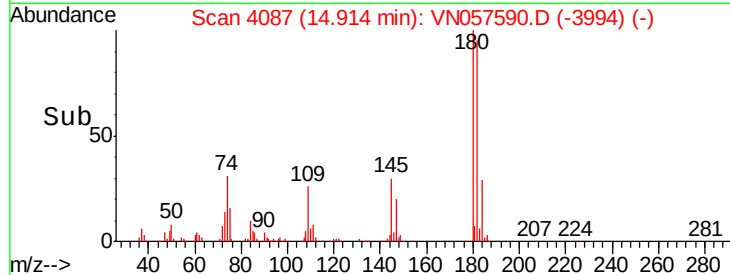
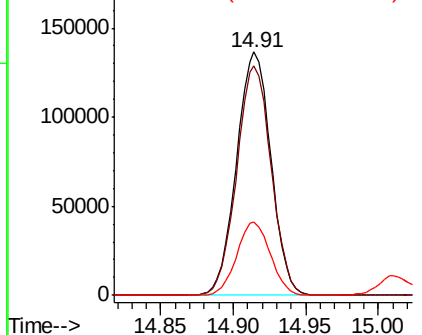
#93
 1,2,4-Trichlorobenzene
 Concen: 45.703 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tgt Ion:180 Resp: 225497
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.7 140.1
 145 29.4 15.6 46.8

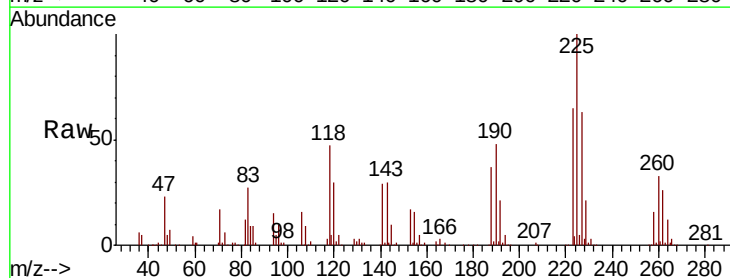


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

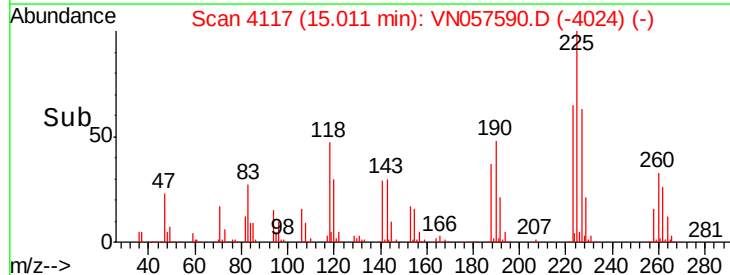
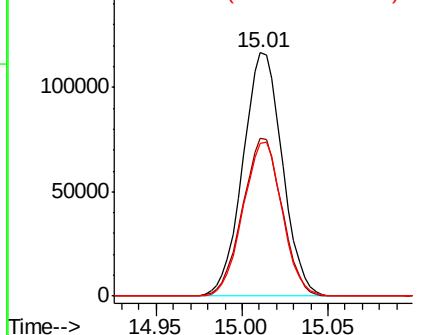


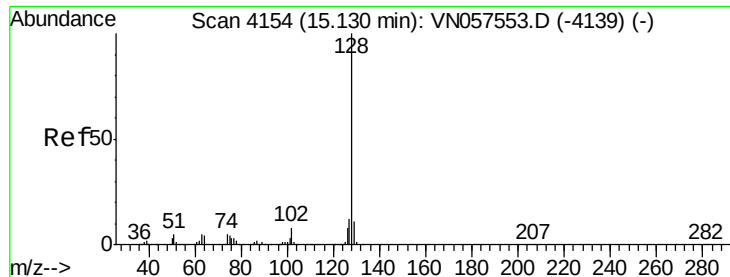
#94
 Hexachlorobutadiene
 Concen: 47.013 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057590.D
 Acq: 30 Aug 2019 15:41

Tgt Ion:225 Resp: 185760
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.2
 227 62.8 31.5 94.5



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

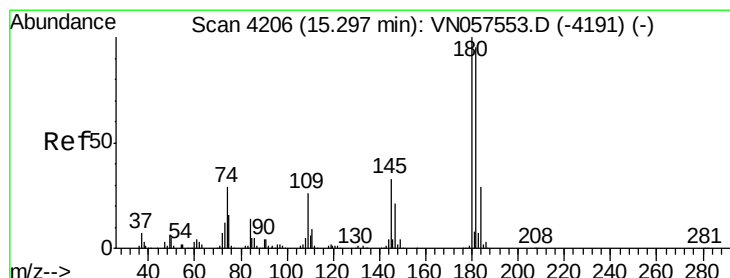
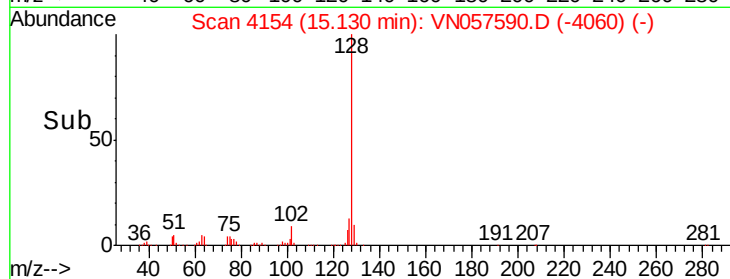
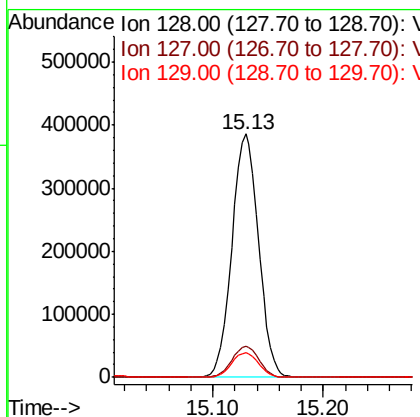
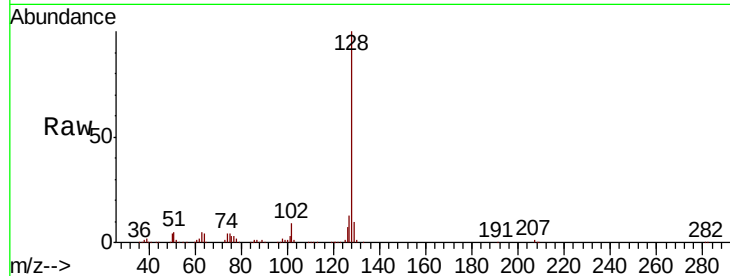




#95
Naphthalene
Concen: 54.364 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion:128 Resp: 644929
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.841 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057590.D
Acq: 30 Aug 2019 15:41

Tgt Ion:180 Resp: 218159
Ion Ratio Lower Upper
180 100
182 96.6 46.7 140.1
145 33.5 16.8 50.3

