

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
 Data File : VF062259.D
 Acq On : 23 Apr 2019 13:01
 Operator : FY/SY
 Sample : VF0423SBS01
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

Quant Time: Apr 23 13:28:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	384863	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	537477	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	441835	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	271384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	204587	57.97	ug/l	0.03
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	4.31	113	262201	55.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.54%	
50) Toluene-d8	7.71	98	655601	55.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	11.50	95	277286	60.56	ug/l	0.02
Spiked Amount	50.000		Recovery	=	121.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	124362	21.263	ug/l	94
3) Chloromethane	1.15	50	106628	17.638	ug/l	98
4) Vinyl Chloride	1.19	62	94892	18.271	ug/l	97
5) Bromomethane	1.39	94	58414	19.361	ug/l	97
6) Chloroethane	1.44	64	40293	18.558	ug/l	96
7) Trichlorofluoromethane	1.55	101	145988	22.126	ug/l	92
8) Diethyl Ether	1.71	74	27022	19.678	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.90	101	92838	20.596	ug/l	96
10) Methyl Iodide	1.98	142	170009	21.231	ug/l #	87
11) Tert butyl alcohol	2.71	59	24403	99.480	ug/l #	87
12) 1,1-Dichloroethene	1.87	96	81892	19.101	ug/l	90
13) Acrolein	2.11	56	10858	74.674	ug/l #	64
14) Allyl chloride	2.20	41	142449	28.952	ug/l #	94
15) Acrylonitrile	3.09	53	66235	88.651	ug/l	97
16) Acetone	2.35	43	92775	109.985	ug/l	91
17) Carbon Disulfide	1.92	76	223187	18.735	ug/l	94
18) Methyl Acetate	2.46	43	39859	18.227	ug/l	93
19) Methyl tert-butyl Ether	2.55	73	163688	21.625	ug/l	97
20) Methylene Chloride	2.33	84	99833	20.390	ug/l	96
21) trans-1,2-Dichloroethene	2.43	96	84271	19.877	ug/l	92
22) Diisopropyl ether	2.94	45	246224	19.564	ug/l	97
23) Vinyl Acetate	3.35	43	578009	96.392	ug/l	100
24) 1,1-Dichloroethane	3.02	63	142865	20.751	ug/l	97
25) 2-Butanone	4.53	43	150268	89.092	ug/l	98
26) 2,2-Dichloropropane	3.78	77	77570	22.316	ug/l	95
27) cis-1,2-Dichloroethene	3.65	96	108354	19.735	ug/l	99
28) Bromochloromethane	3.91	49	64102	19.436	ug/l #	88
29) Tetrahydrofuran	4.27	42	65621	85.954	ug/l	92
30) Chloroform	4.06	83	170517	20.153	ug/l	100
31) Cyclohexane	3.89	56	144378	17.499	ug/l	96
32) 1,1,1-Trichloroethane	4.30	97	144716	23.366	ug/l #	88
36) 1,1-Dichloropropene	4.48	75	128586	19.954	ug/l	99
37) Ethyl Acetate	4.31	43	57422	18.884	ug/l #	97
38) Carbon Tetrachloride	4.20	117	159858	28.026	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	156356	20.265	ug/l	98
40) Benzene	4.83	78	328298	19.423	ug/l	100
41) Methacrylonitrile	4.94	41	33732	19.231	ug/l	91
42) 1,2-Dichloroethane	5.14	62	94496	21.148	ug/l	100
43) Isopropyl Acetate	7.12	43	60318	18.860	ug/l #	99
44) Trichloroethene	5.69	130	108805	23.822	ug/l	95
45) 1,2-Dichloropropane	6.41	63	76449	20.533	ug/l	96
46) Dibromomethane	6.27	93	55653	22.467	ug/l	95
47) Bromodichloromethane	6.56	83	127164	22.749	ug/l	95
48) Methyl methacrylate	6.89	41	40447	19.244	ug/l	94
49) 1,4-Dioxane	6.88	88	10343	429.090	ug/l	93
51) 4-Methyl-2-Pentanone	8.41	43	246686	103.703	ug/l	98
52) Toluene	7.78	92	189839	21.307	ug/l	95
53) t-1,3-Dichloropropene	8.43	75	97803	23.295	ug/l	96
54) cis-1,3-Dichloropropene	7.47	75	125094	22.027	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	56182	22.509	ug/l	93
56) Ethyl methacrylate	8.76	69	62050	21.866	ug/l	96
57) 1,3-Dichloropropane	9.01	76	85538	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	83599	101.467	ug/l	94
59) 2-Hexanone	9.63	43	160891	108.539	ug/l	98
60) Dibromochloromethane	8.87	129	89024	23.983	ug/l	99
61) 1,2-Dibromoethane	9.13	107	65042	23.130	ug/l	98
64) Tetrachloroethene	8.32	164	93086	23.339	ug/l	97
65) Chlorobenzene	9.94	112	206687	21.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	98601	22.349	ug/l	99
67) Ethyl Benzene	10.04	91	370969	21.654	ug/l	96
68) m/p-Xylenes	10.27	106	287138	45.531	ug/l	100
69) o-Xylene	10.82	106	156104	22.295	ug/l	99
70) Styrene	10.90	104	226335	22.906	ug/l	99
71) Bromoform	10.88	173	57071	24.500	ug/l #	99
73) Isopropylbenzene	11.22	105	469587	20.144	ug/l	99
74) N-amyl acetate	11.45	43	99135	16.449	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.78	83	75872	18.925	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	51433	18.647	ug/l #	1
77) Bromobenzene	11.59	156	111765	22.380	ug/l	90
78) n-propylbenzene	11.68	91	489474	19.904	ug/l	100
79) 2-Chlorotoluene	11.81	91	295917	19.837	ug/l	96
80) 1,3,5-Trimethylbenzene	11.90	105	399191	20.560	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	32855	23.356	ug/l #	89
82) 4-Chlorotoluene	11.97	91	292780	20.308	ug/l	99
83) tert-Butylbenzene	12.20	119	406204	20.231	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	379064	20.175	ug/l	98
85) sec-Butylbenzene	12.38	105	523679	20.089	ug/l	100
86) p-Isopropyltoluene	12.53	119	461641	20.877	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	203175	21.924	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	196161	21.945	ug/l	97
89) n-Butylbenzene	12.90	91	435398	20.924	ug/l	97
90) Hexachloroethane	12.98	117	112891	19.881	ug/l	90
91) 1,2-Dichlorobenzene	13.00	146	196334	21.941	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	14339	18.204	ug/l	88

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
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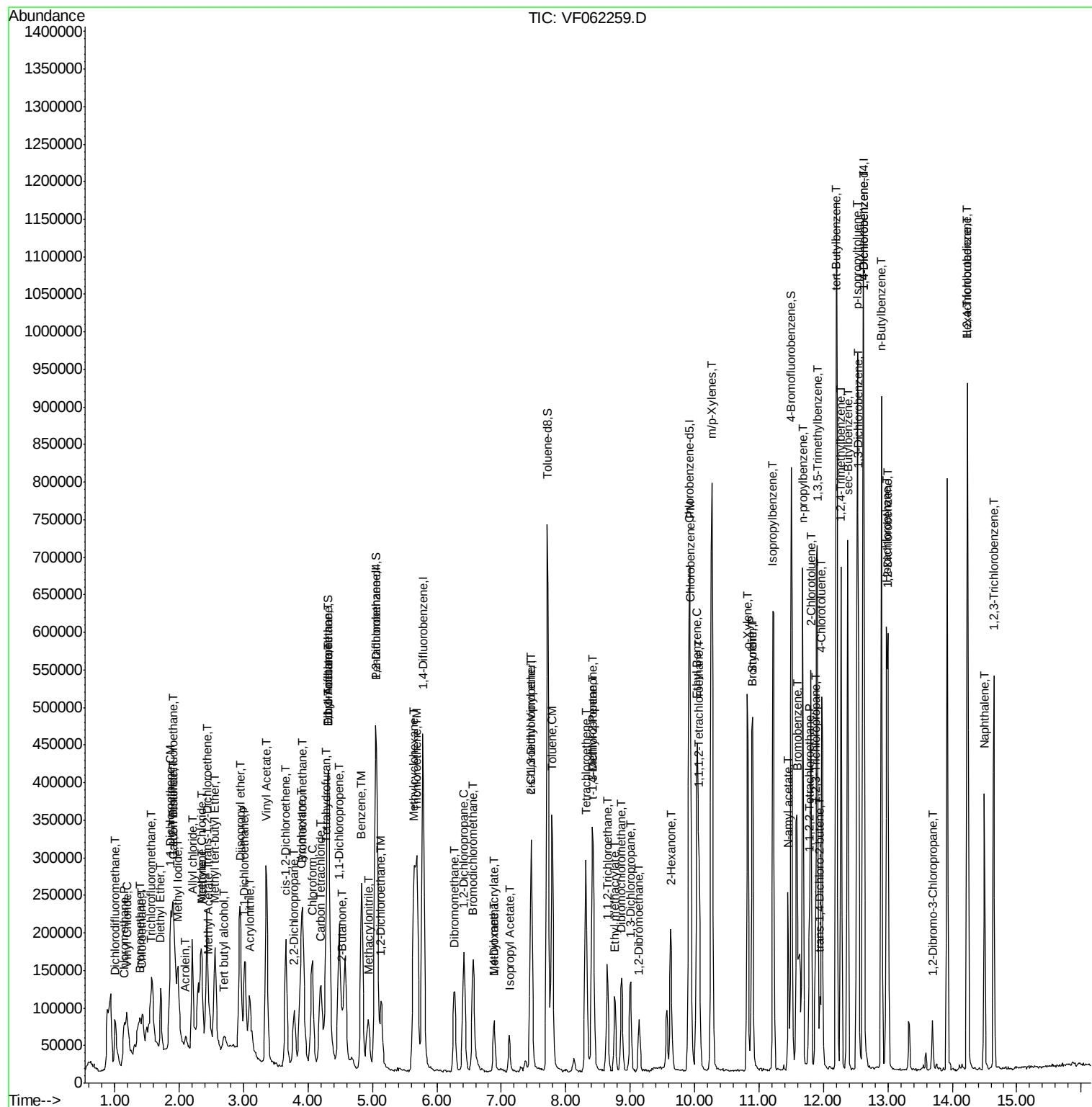
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	168451	22.499	ug/l	97
94) Hexachlorobutadiene	14.23	225	118593	23.101	ug/l	98
95) Naphthalene	14.50	128	253614	19.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	163190	22.704	ug/l	99

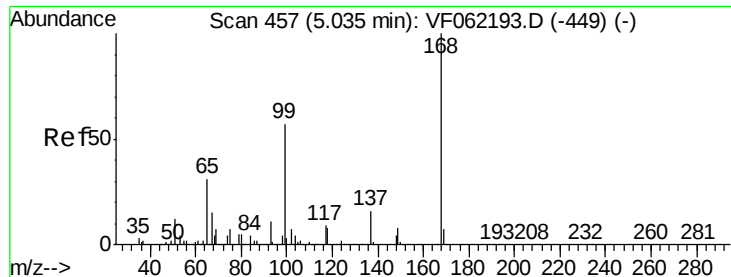
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

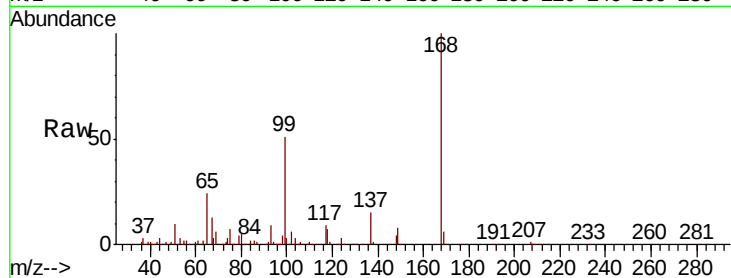
VF0423SBS01

Tgt Ion:168 Resp: 384863

Ion Ratio Lower Upper

168 100

99 50.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

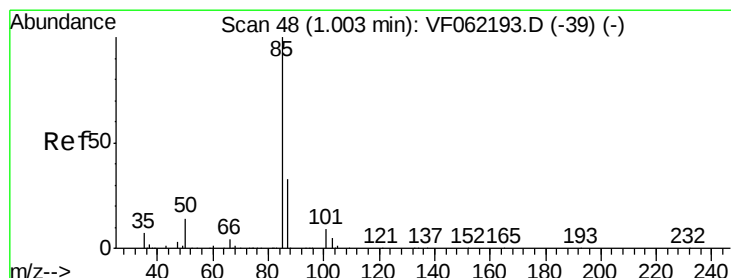
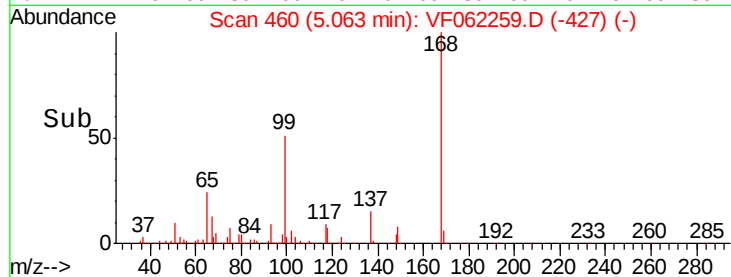
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.263 ug/l

RT: 1.00 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062259.D

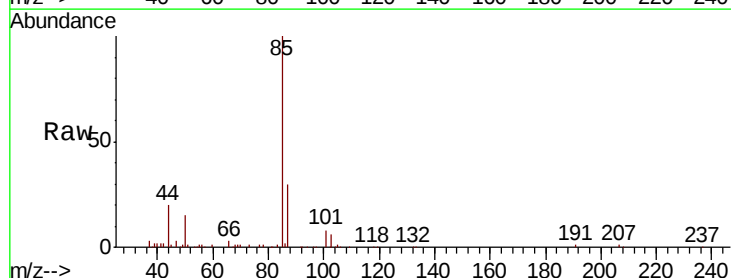
Acq: 23 Apr 2019 13:01

Tgt Ion: 85 Resp: 124362

Ion Ratio Lower Upper

85 100

87 29.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.00

40000

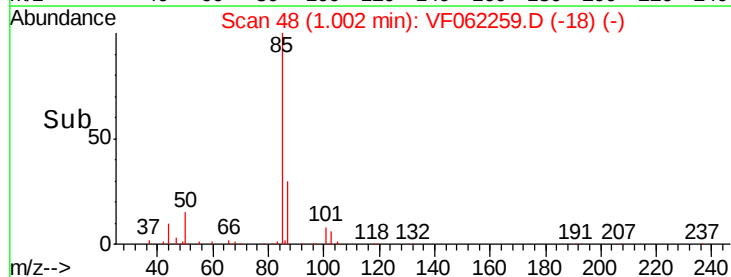
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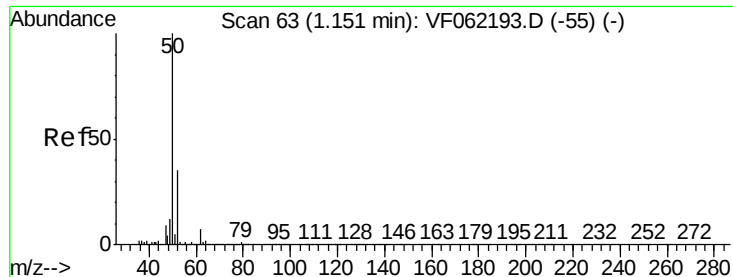
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.638 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

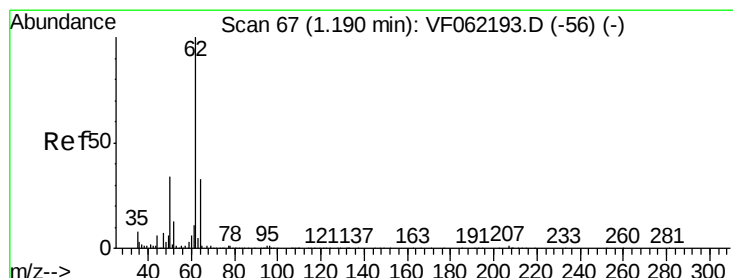
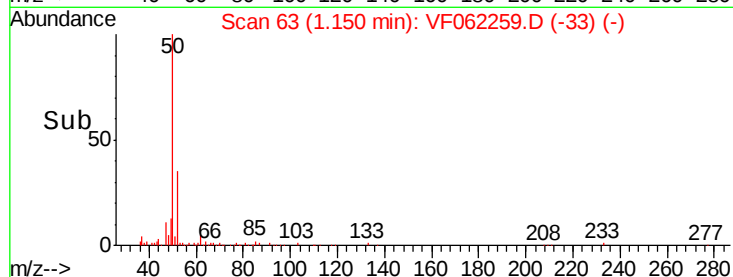
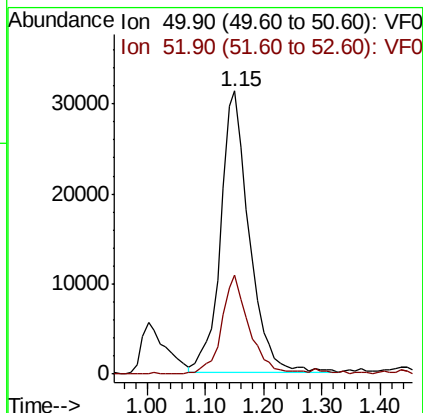
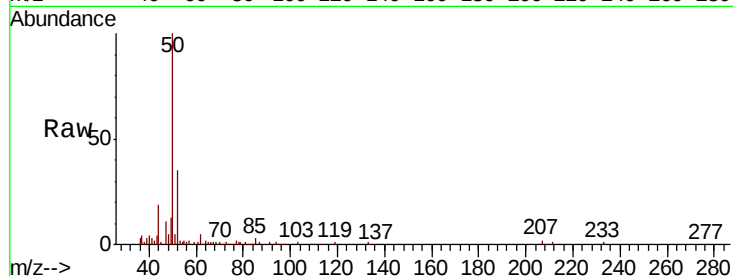
VF0423SBS01

Tgt Ion: 50 Resp: 106628

Ion Ratio Lower Upper

50 100

52 34.7 27.0 40.4



#4

Vinyl Chloride

Concen: 18.271 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062259.D

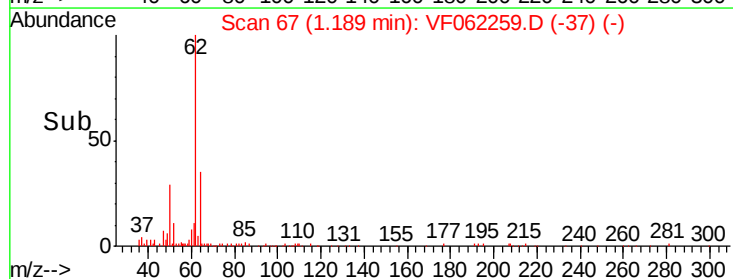
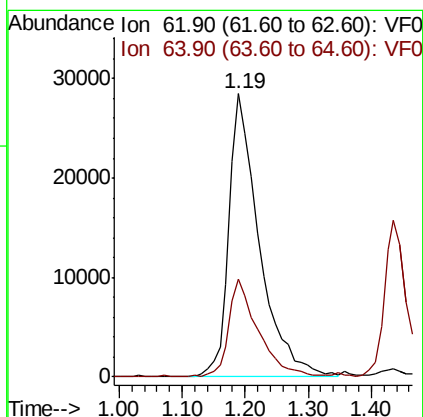
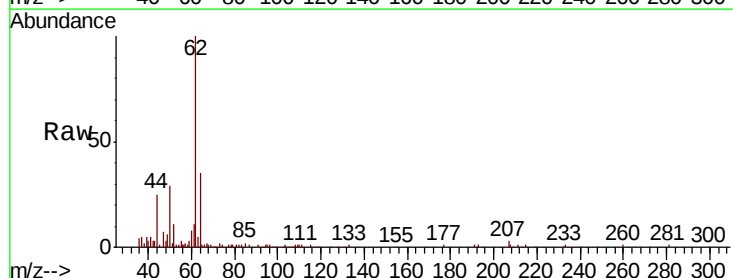
Acq: 23 Apr 2019 13:01

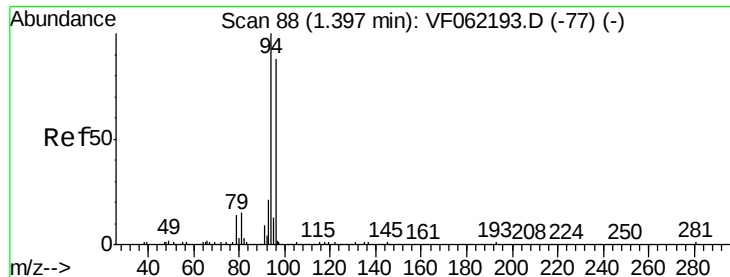
Tgt Ion: 62 Resp: 94892

Ion Ratio Lower Upper

62 100

64 34.7 26.2 39.4





#5

Bromomethane

Concen: 19.361 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

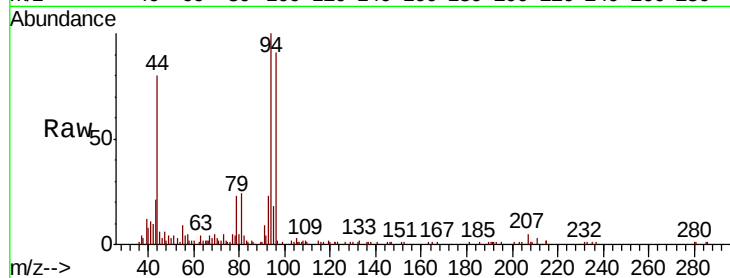
VF0423SBS01

Tgt Ion: 94 Resp: 58414

Ion Ratio Lower Upper

94 100

96 91.0 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.39

15000

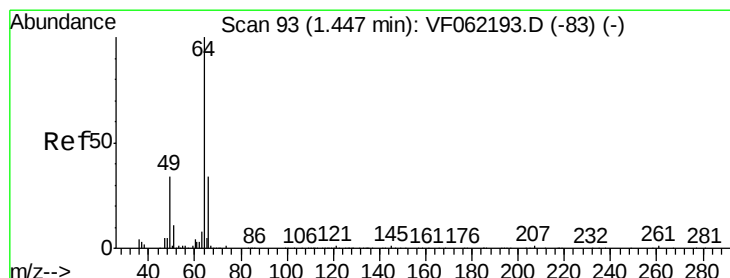
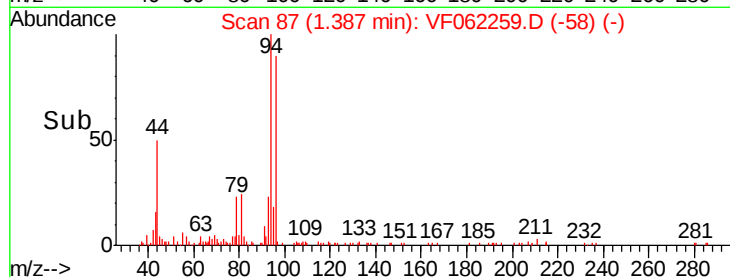
10000

5000

0

Time-->

1.30 1.40 1.50



#6

Chloroethane

Concen: 18.558 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF062259.D

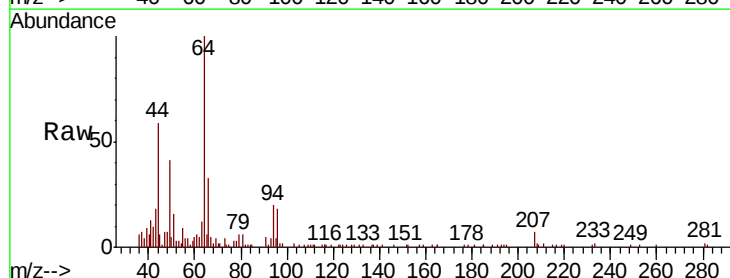
Acq: 23 Apr 2019 13:01

Tgt Ion: 64 Resp: 40293

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

1.44

15000

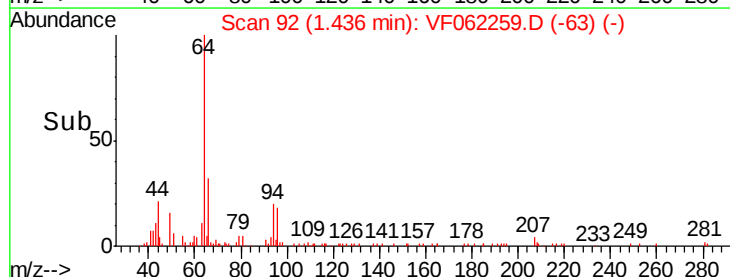
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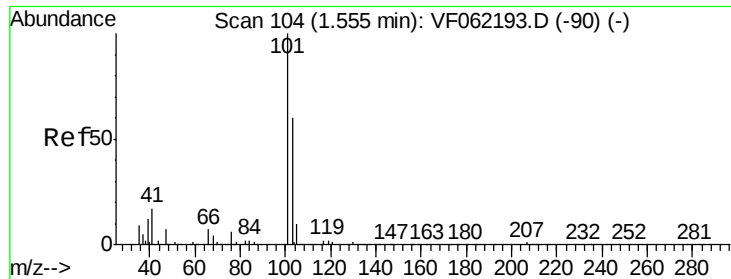
5000

0

Time-->

1.30 1.40 1.50 1.60



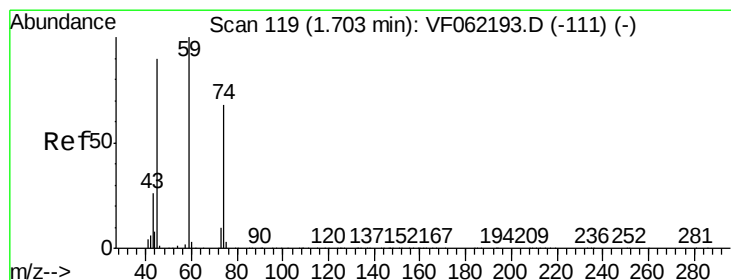
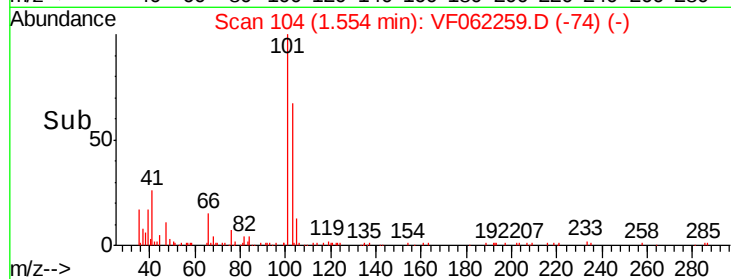
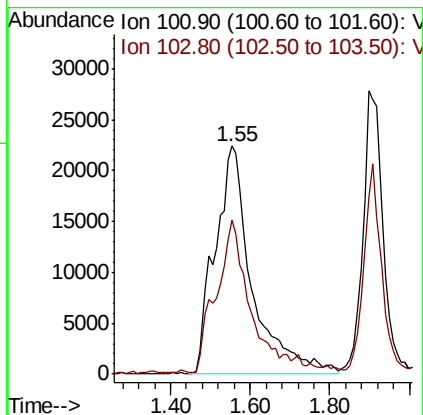
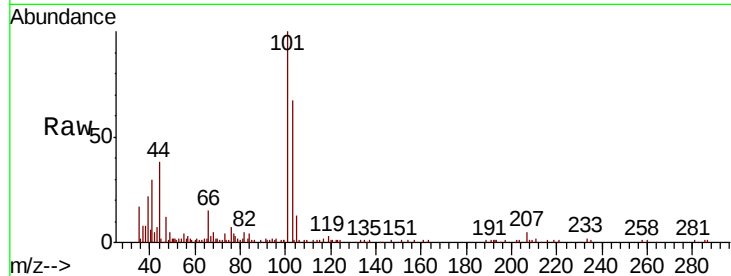


#7

Trichlorofluoromethane
Concen: 22.126 ug/l
RT: 1.55 min Scan# 104
Delta R.T. -0.00 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

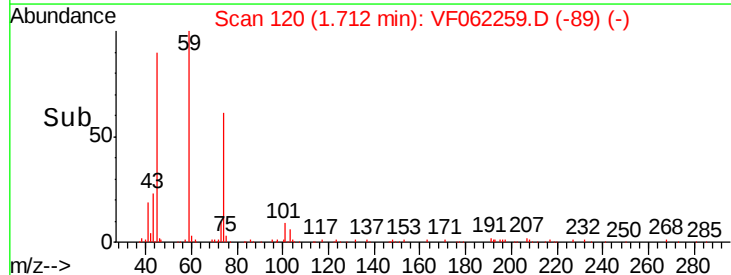
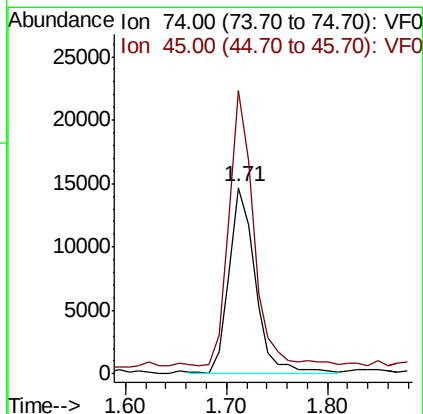
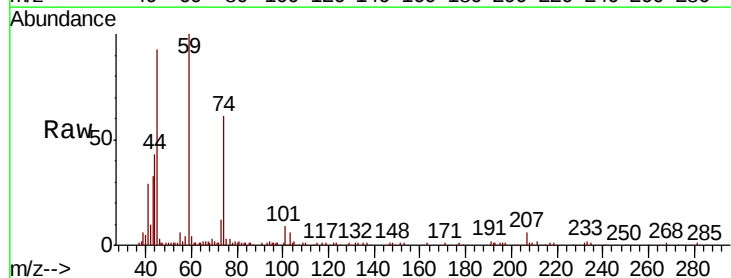
Tgt Ion:101 Resp: 145988
Ion Ratio Lower Upper
101 100
103 66.3 48.2 72.4

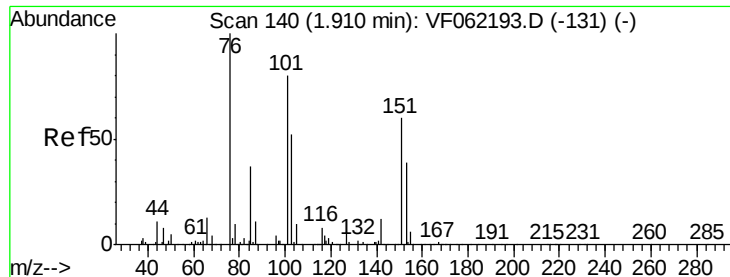


#8

Diethyl Ether
Concen: 19.678 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion: 74 Resp: 27022
Ion Ratio Lower Upper
74 100
45 136.9 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.596 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

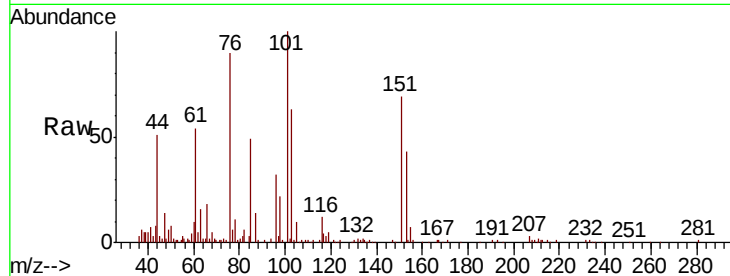
Tgt Ion:101 Resp: 92838

Ion Ratio Lower Upper

101 100

85 47.9 35.3 52.9

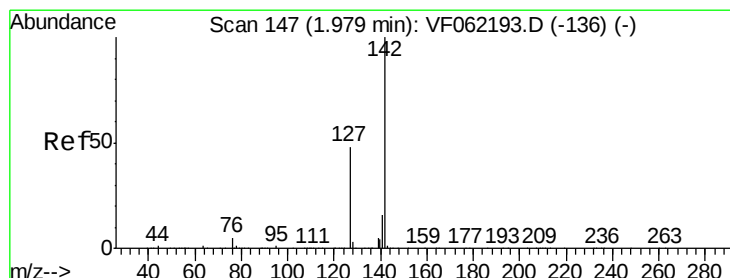
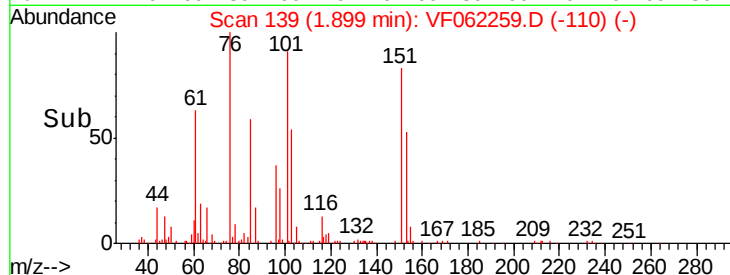
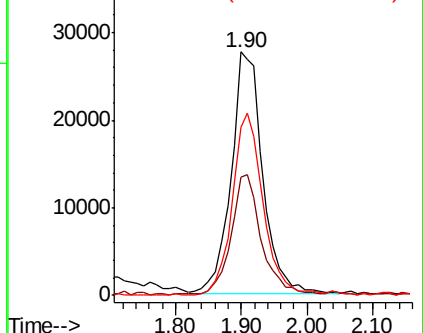
151 74.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.231 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.00 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

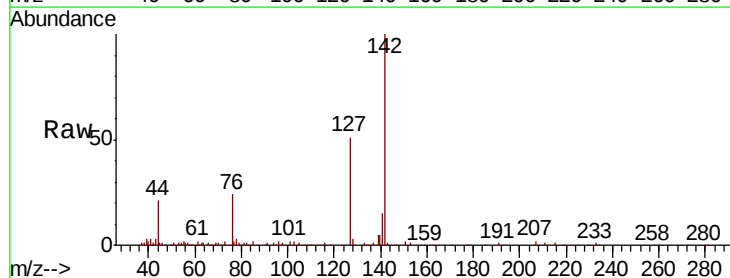
Tgt Ion:142 Resp: 170009

Ion Ratio Lower Upper

142 100

127 52.0 33.0 49.4#

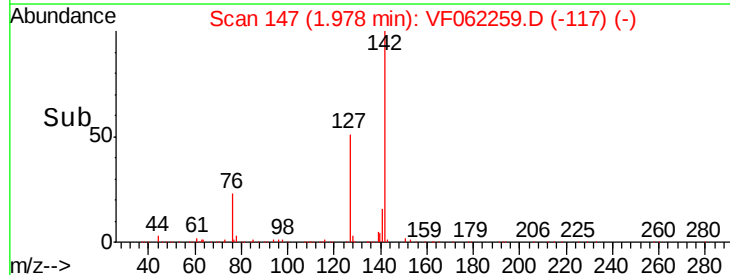
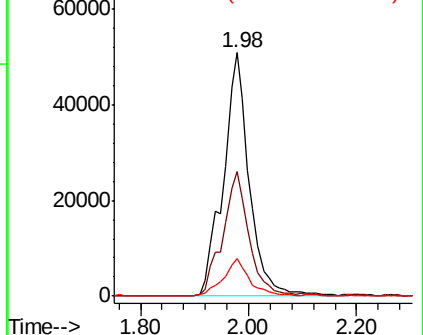
141 15.4 12.7 19.1

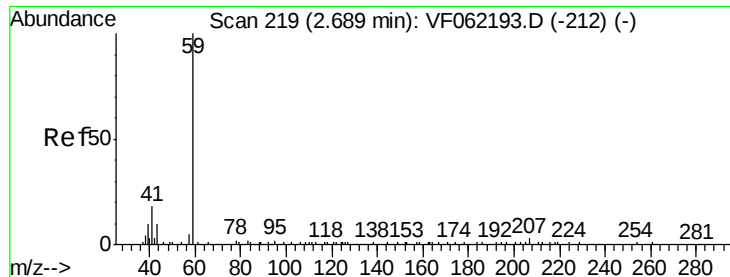


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

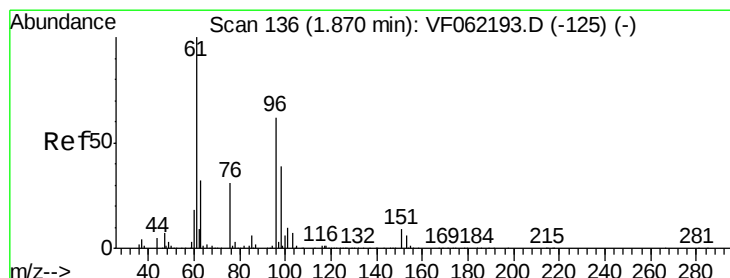
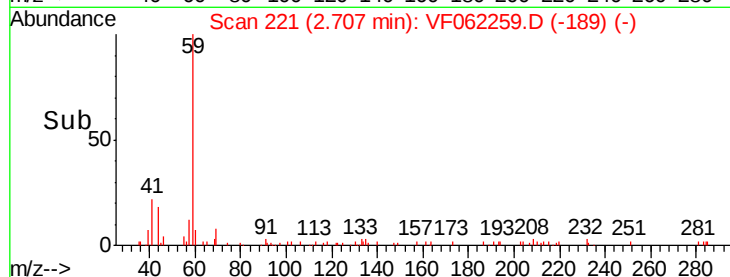
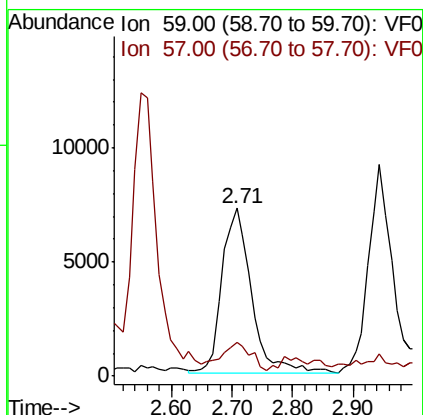
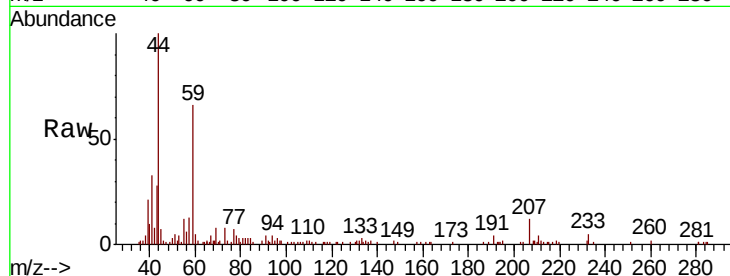




#11
Tert butyl alcohol
Concen: 99.480 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

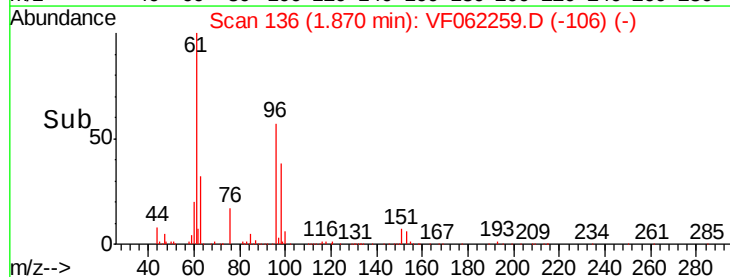
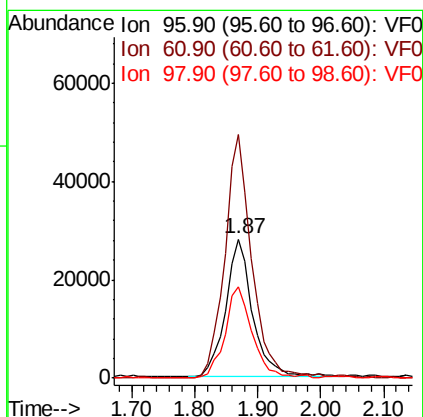
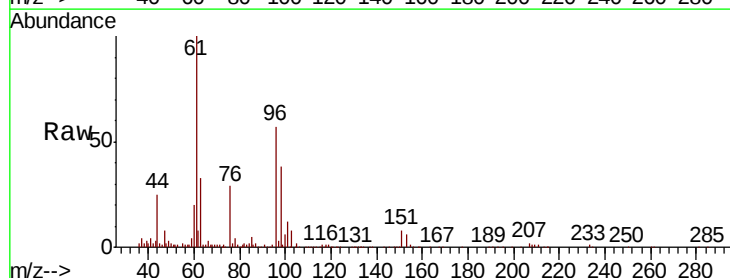
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

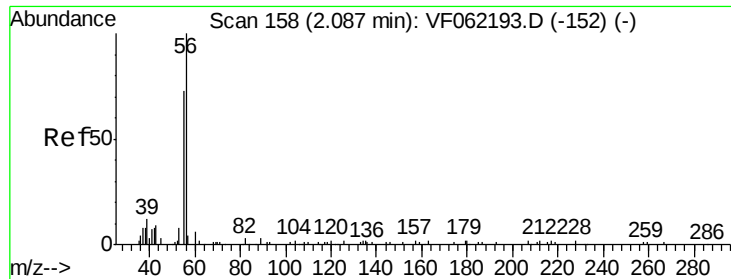
Tgt Ion: 59 Resp: 24403
Ion Ratio Lower Upper
59 100
57 16.6 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 19.101 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.00 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion: 96 Resp: 81892
Ion Ratio Lower Upper
96 100
61 177.3 129.1 193.7
98 66.2 50.0 75.0





#13

Acrolein

Concen: 74.674 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

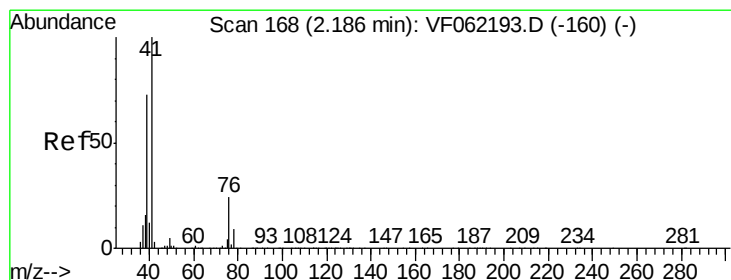
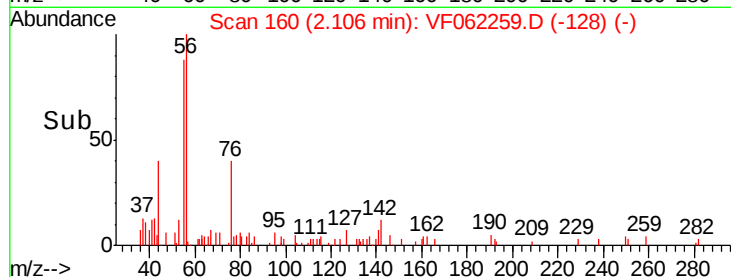
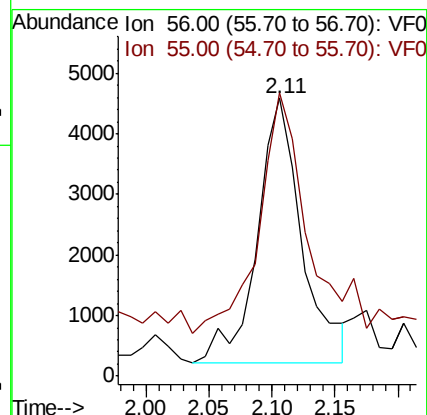
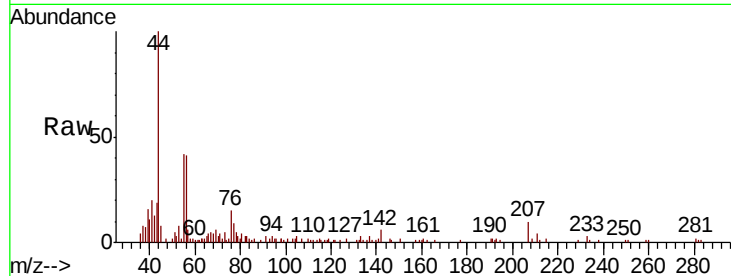
VF0423SBS01

Tgt Ion: 56 Resp: 10858

Ion Ratio Lower Upper

56 100

55 101.4 57.4 86.0#



#14

Allyl chloride

Concen: 28.952 ug/l

RT: 2.20 min Scan# 170

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

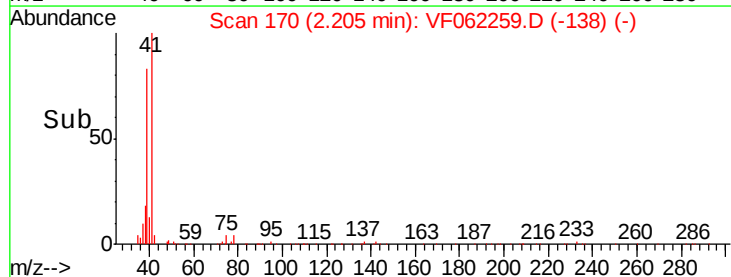
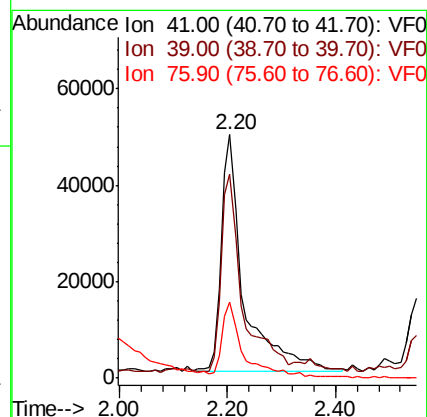
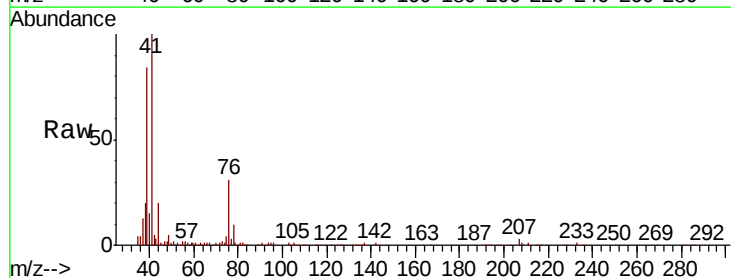
Tgt Ion: 41 Resp: 142449

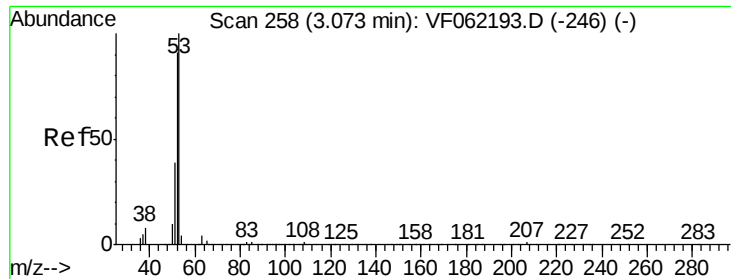
Ion Ratio Lower Upper

41 100

39 78.4 60.0 90.0

76 31.6 20.6 30.8#

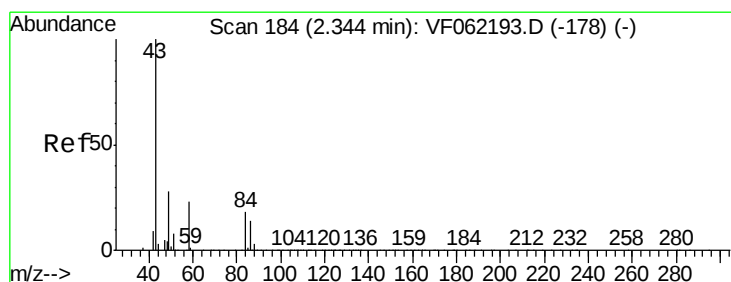
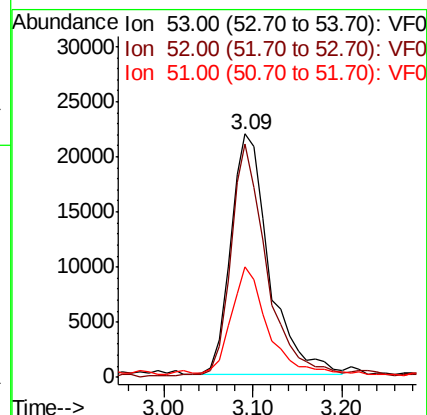
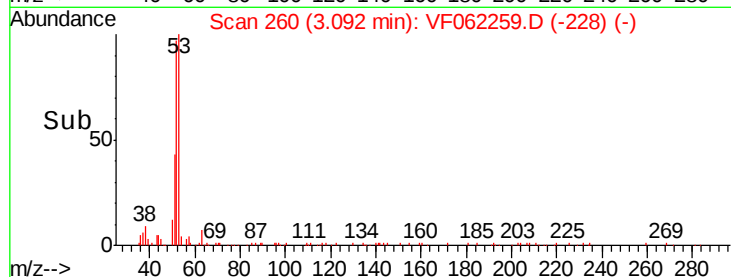
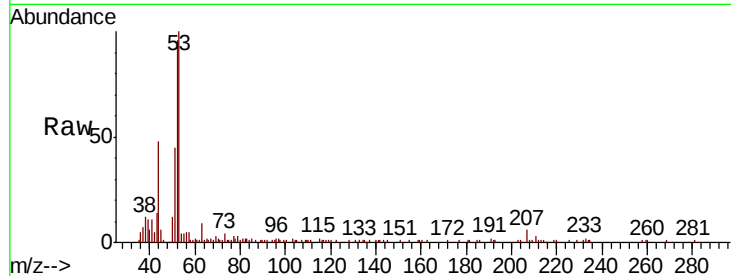




#15
Acrylonitrile
Concen: 88.651 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

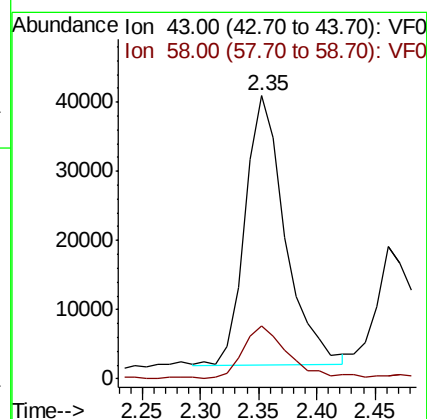
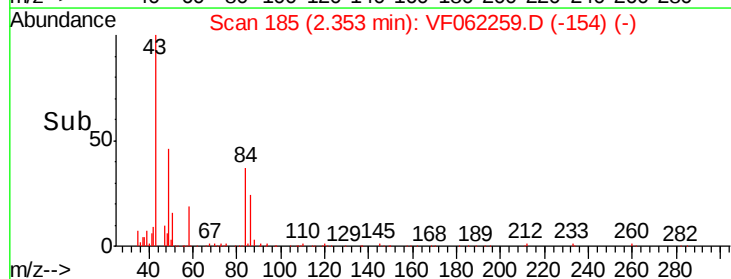
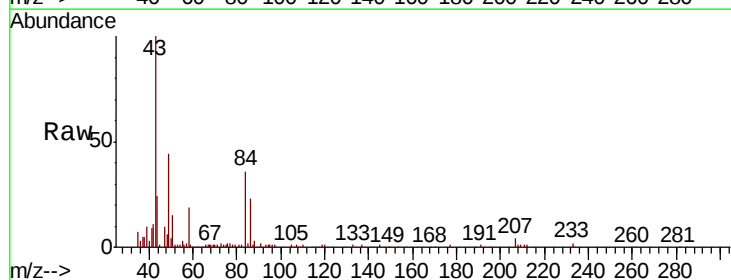
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

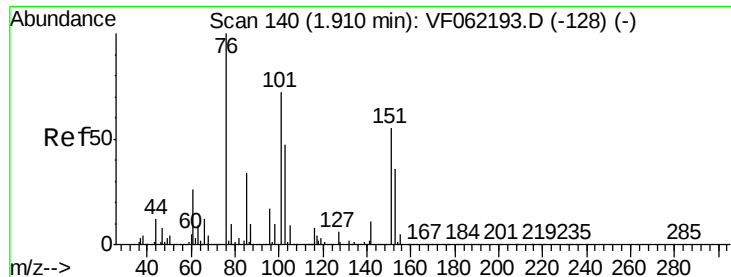
Tgt Ion: 53 Resp: 66235
Ion Ratio Lower Upper
53 100
52 88.8 69.5 104.3
51 42.9 31.8 47.8



#16
Acetone
Concen: 109.985 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion: 43 Resp: 92775
Ion Ratio Lower Upper
43 100
58 19.1 18.8 28.2





#17

Carbon Disulfide

Concen: 18.735 ug/l

RT: 1.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

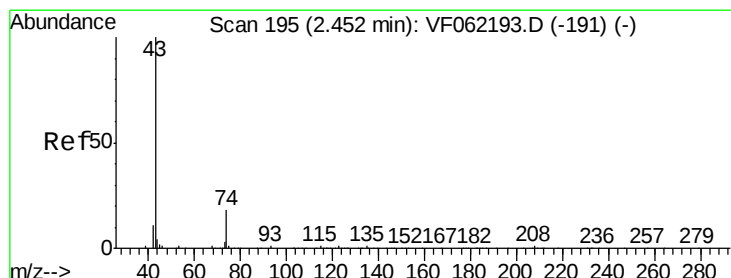
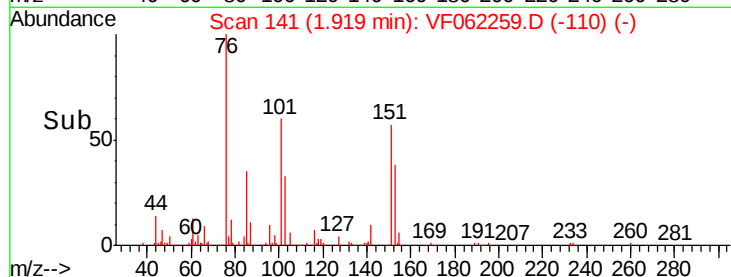
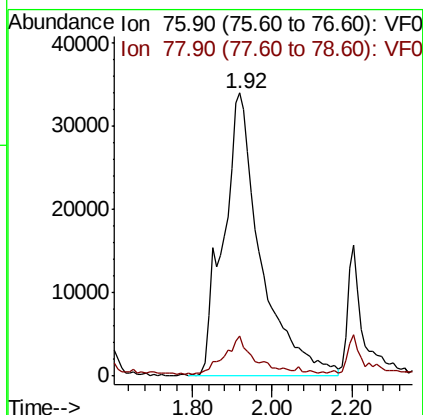
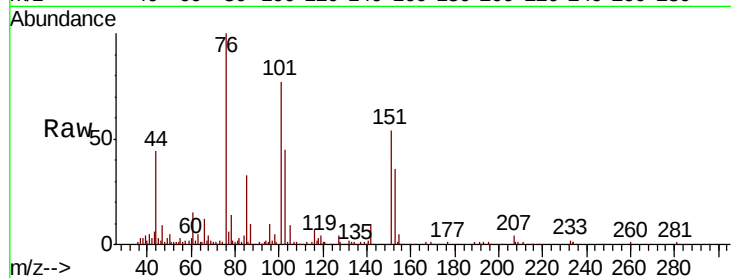
VF0423SBS01

Tgt Ion: 76 Resp: 223187

Ion Ratio Lower Upper

76 100

78 13.0 8.7 13.1



#18

Methyl Acetate

Concen: 18.227 ug/l

RT: 2.46 min Scan# 196

Delta R.T. 0.01 min

Lab File: VF062259.D

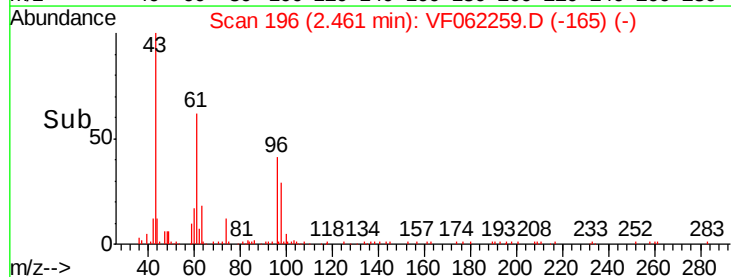
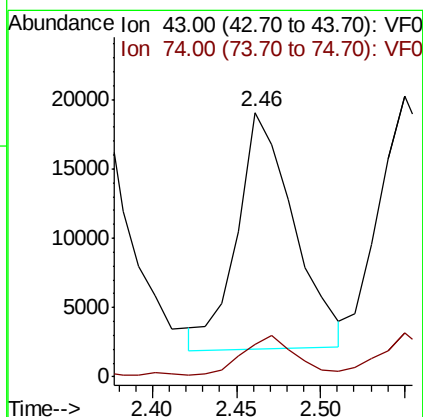
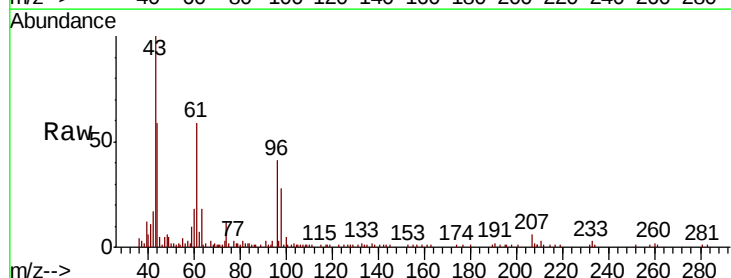
Acq: 23 Apr 2019 13:01

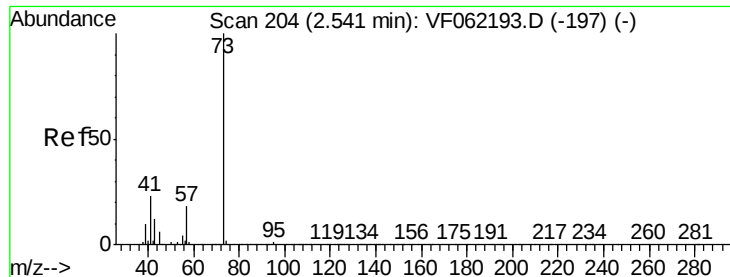
Tgt Ion: 43 Resp: 39859

Ion Ratio Lower Upper

43 100

74 15.0 14.5 21.7



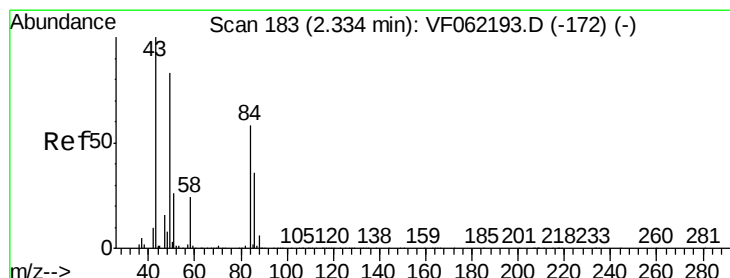
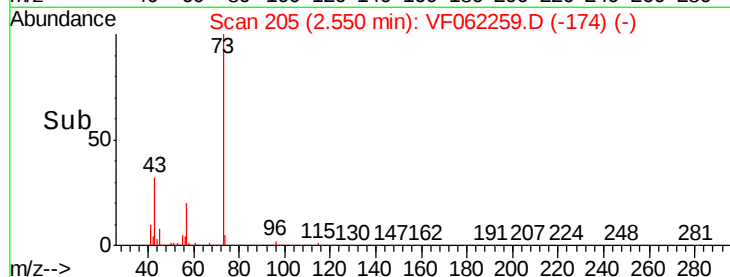
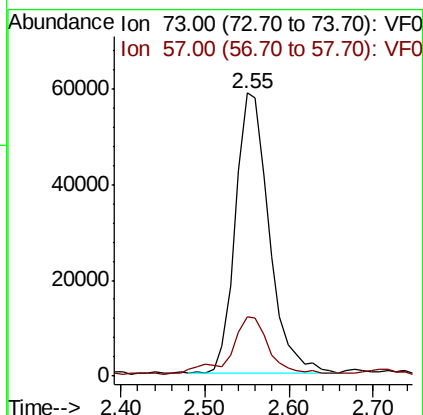
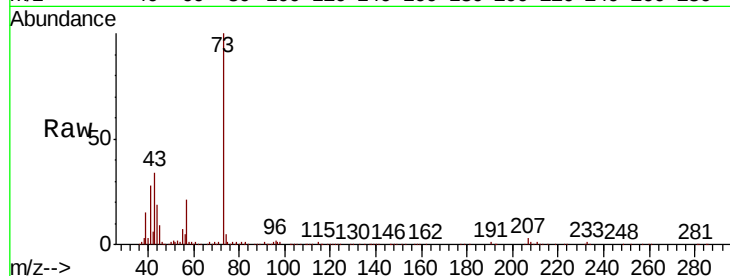


#19

Methyl tert-butyl Ether
 Concen: 21.625 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. 0.01 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

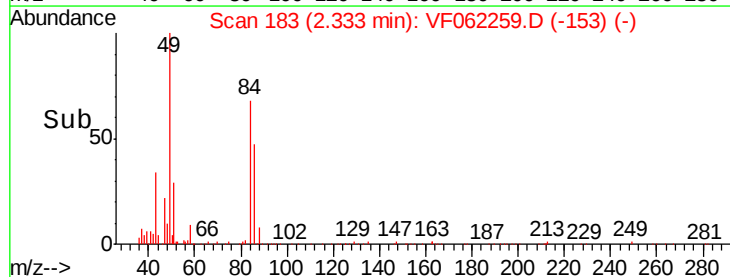
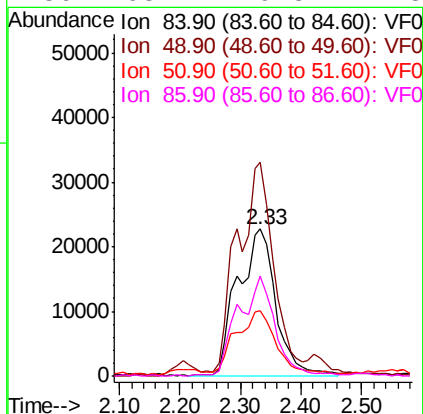
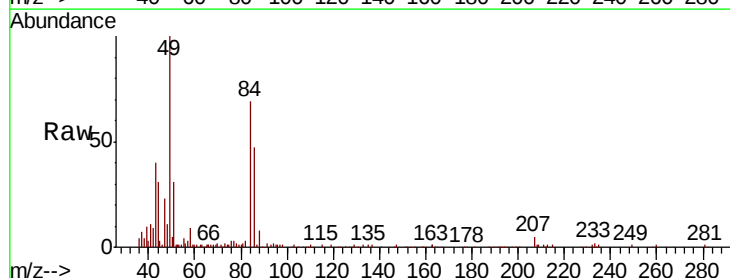
Tgt Ion: 73 Resp: 163688
 Ion Ratio Lower Upper
 73 100
 57 20.1 15.1 22.7

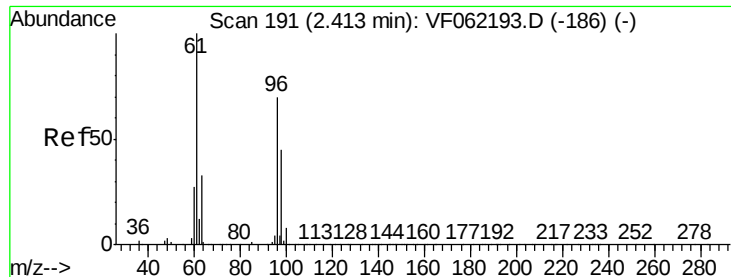


#20

Methylene Chloride
 Concen: 20.390 ug/l
 RT: 2.33 min Scan# 183
 Delta R.T. -0.00 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 84 Resp: 99833
 Ion Ratio Lower Upper
 84 100
 49 141.0 114.0 171.0
 51 42.8 37.0 55.4
 86 68.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.877 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

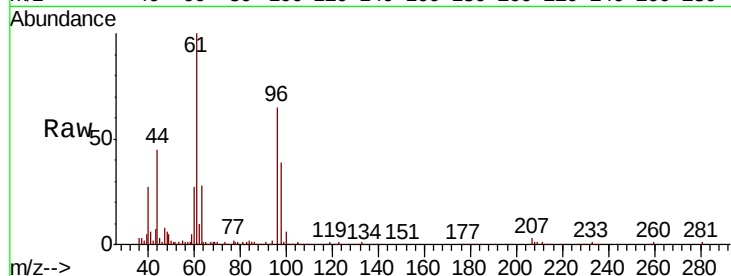
Tgt Ion: 96 Resp: 84271

Ion Ratio Lower Upper

96 100

61 154.8 114.6 172.0

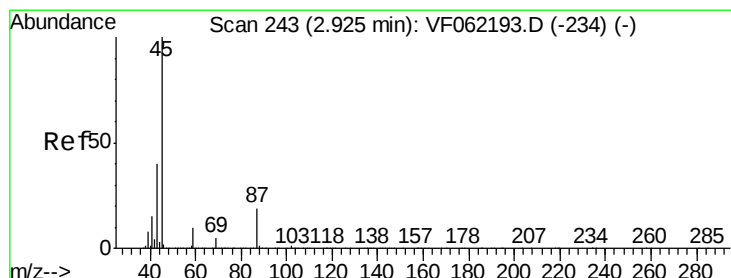
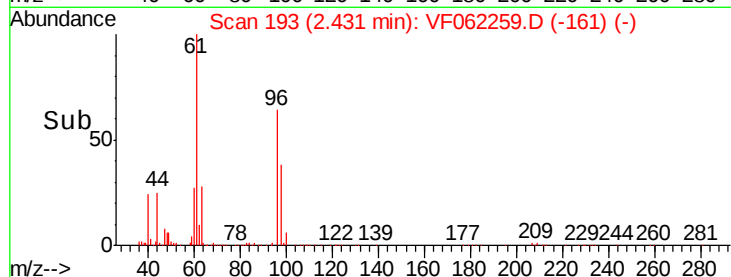
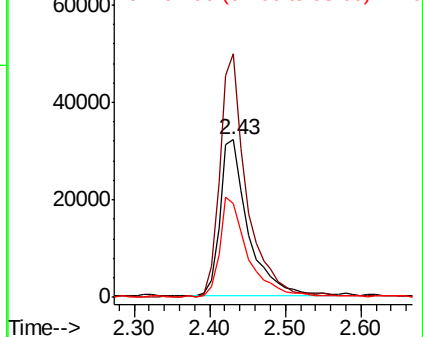
98 59.3 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 19.564 ug/l

RT: 2.94 min Scan# 245

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Tgt Ion: 45 Resp: 246224

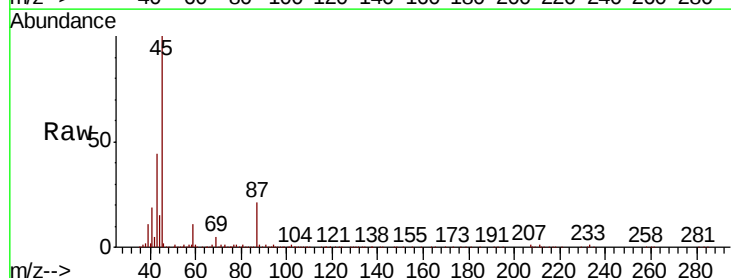
Ion Ratio Lower Upper

45 100

43 42.2 32.8 49.2

87 20.8 15.2 22.8

59 10.6 7.8 11.6

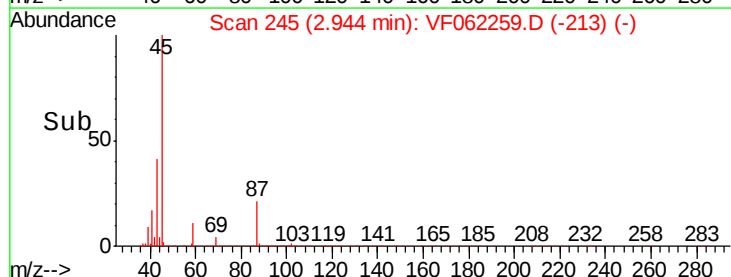
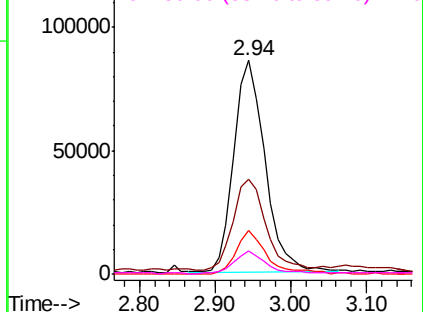


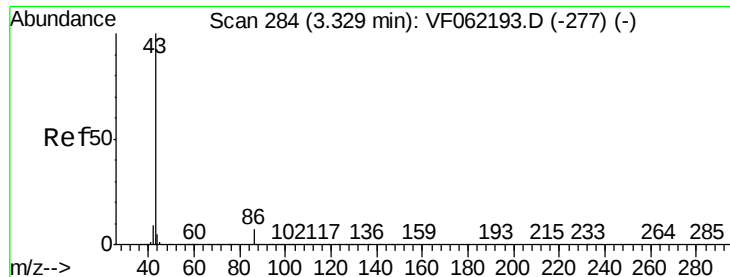
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

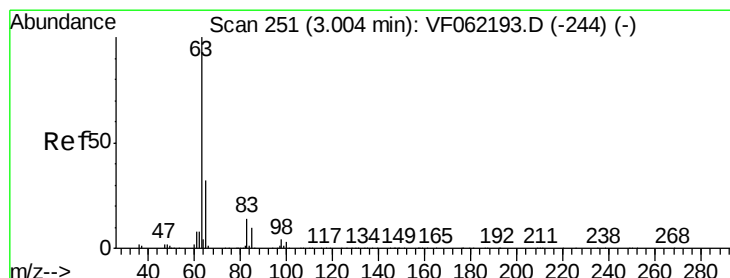
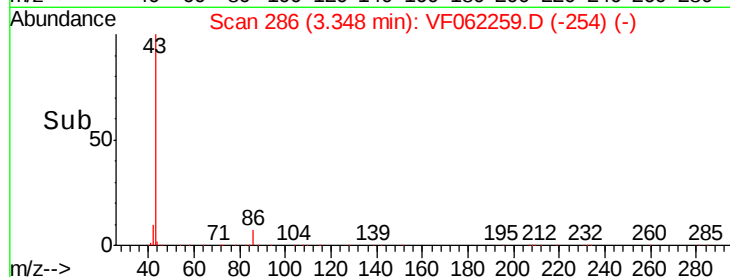
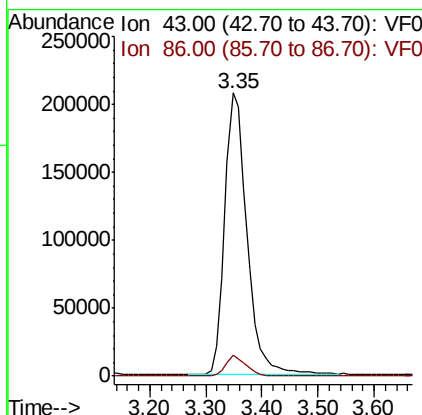
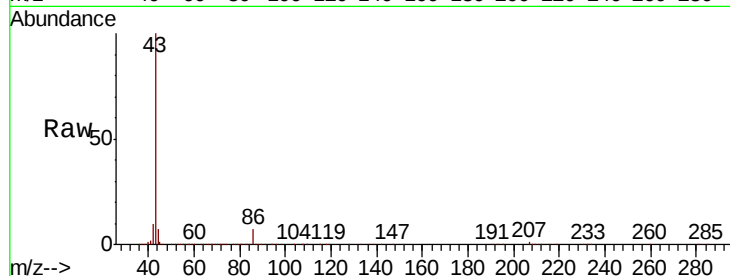




#23
 Vinyl Acetate
 Concen: 96.392 ug/l
 RT: 3.35 min Scan# 286
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

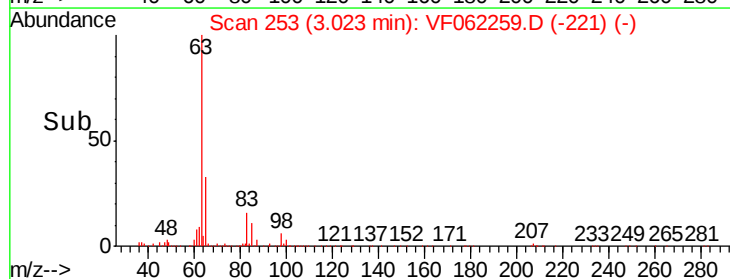
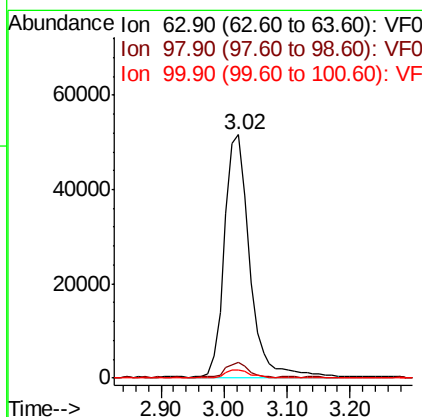
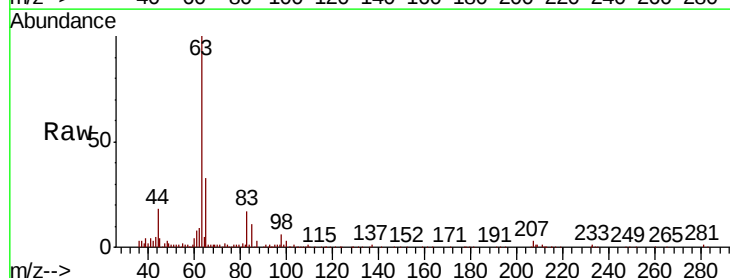
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

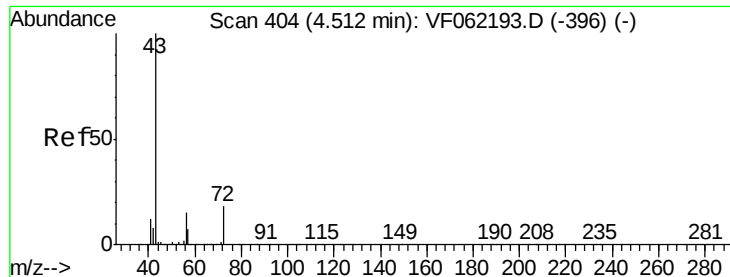
Tgt Ion: 43 Resp: 578009
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.9 8.9



#24
 1,1-Dichloroethane
 Concen: 20.751 ug/l
 RT: 3.02 min Scan# 253
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 63 Resp: 142865
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.3 6.8
 100 3.1 1.7 5.0





#25

2-Butanone

Concen: 89.092 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

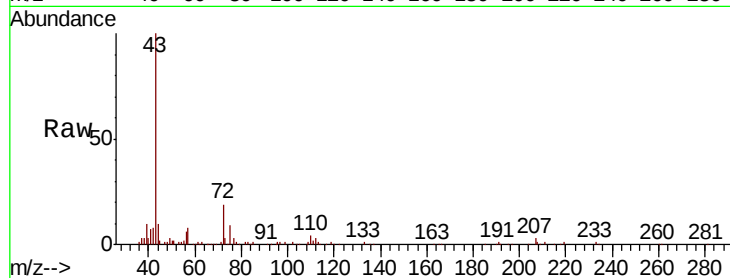
VF0423SBS01

Tgt Ion: 43 Resp: 150268

Ion Ratio Lower Upper

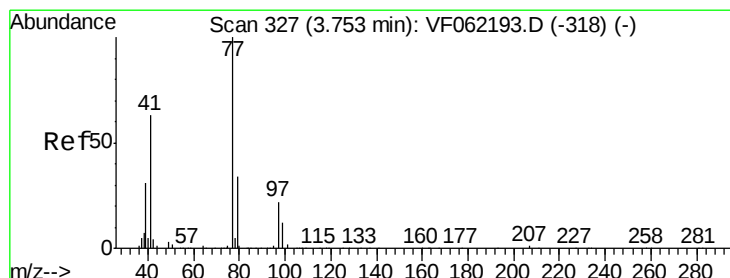
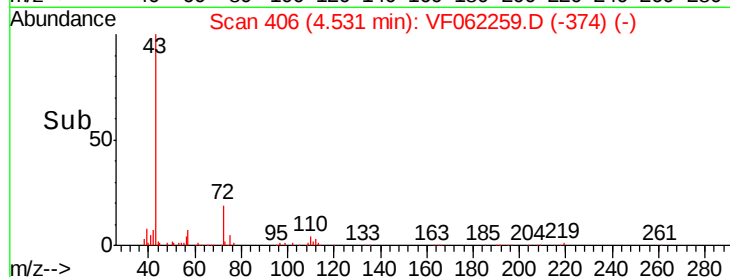
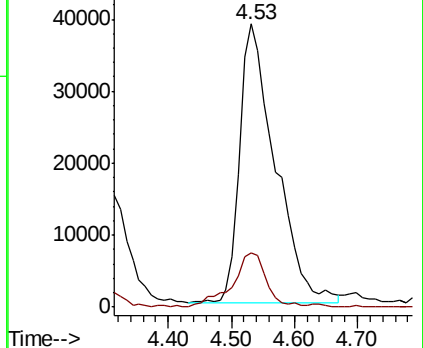
43 100

72 19.2 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 22.316 ug/l

RT: 3.78 min Scan# 330

Delta R.T. 0.03 min

Lab File: VF062259.D

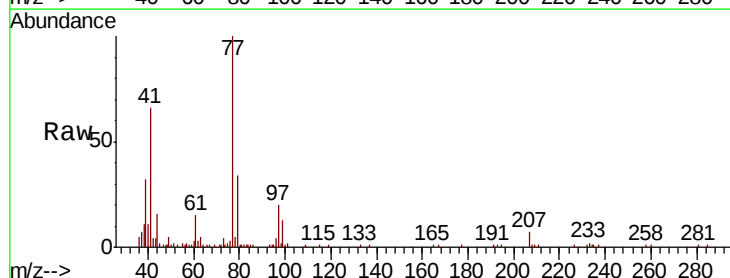
Acq: 23 Apr 2019 13:01

Tgt Ion: 77 Resp: 77570

Ion Ratio Lower Upper

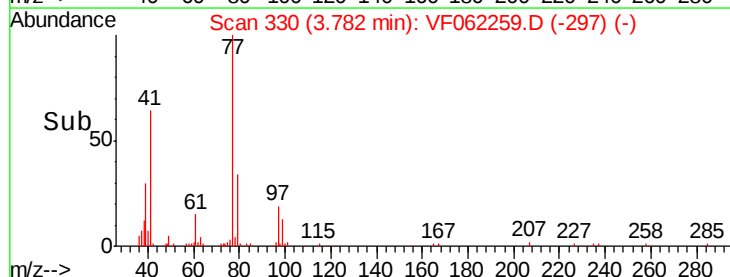
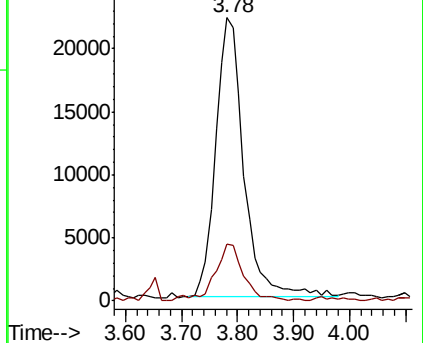
77 100

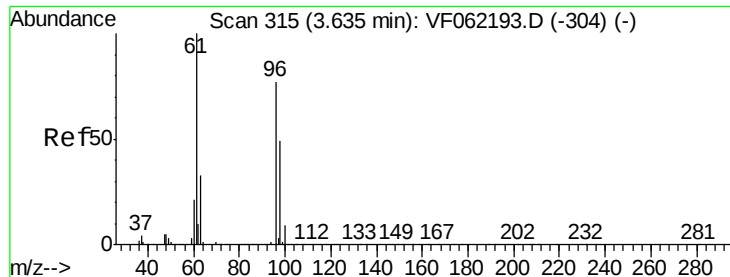
97 20.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0



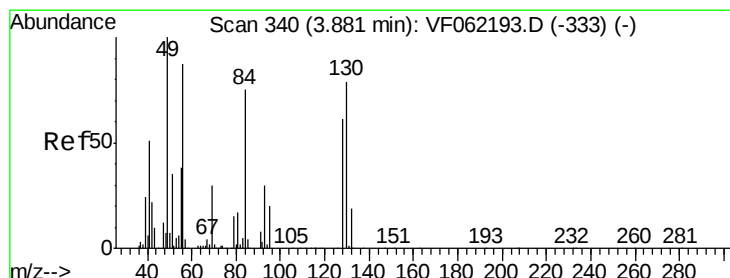
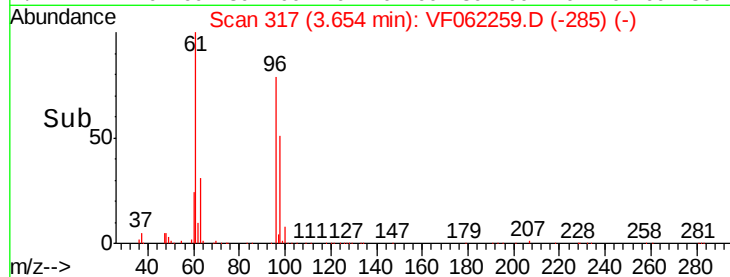
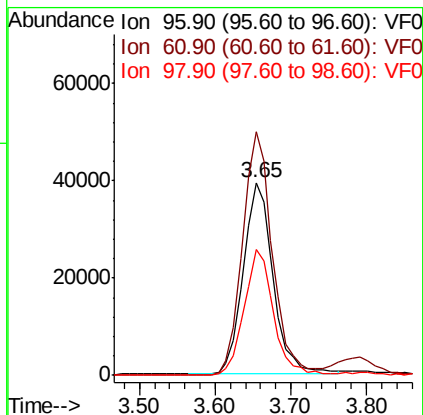
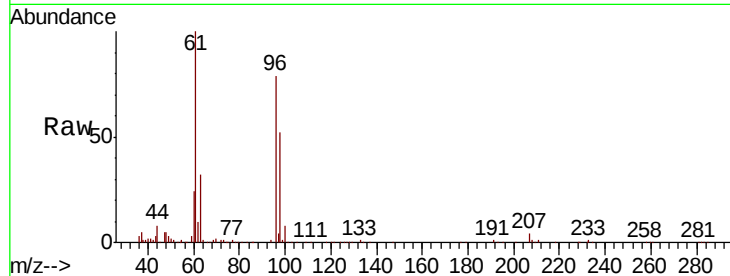


#27

cis-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 3.65 min Scan# 317
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

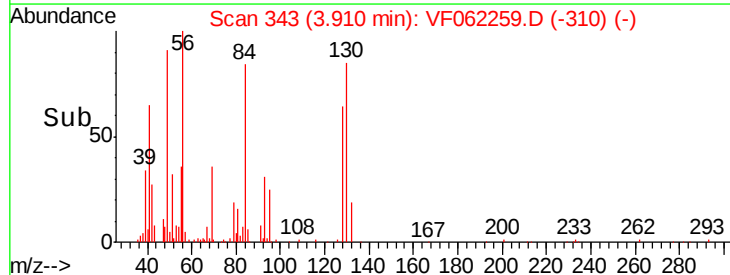
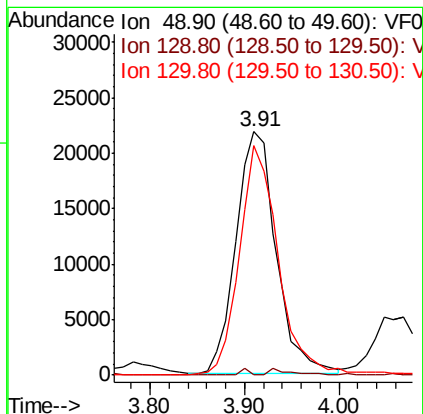
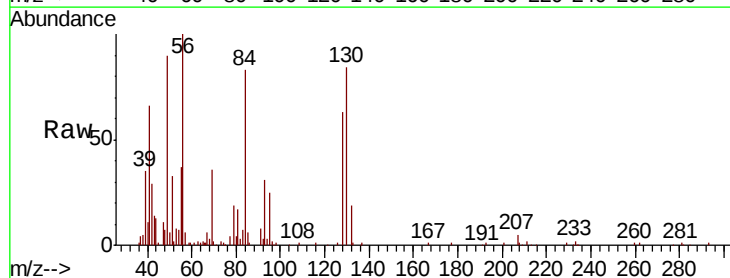
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	253.6
98	64.4	0.0	124.8



#28

Bromochloromethane
Concen: 19.436 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.03 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	0.0#
130	94.0	66.6	100.0





#29

Tetrahydrofuran

Concen: 85.954 ug/l

RT: 4.27 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

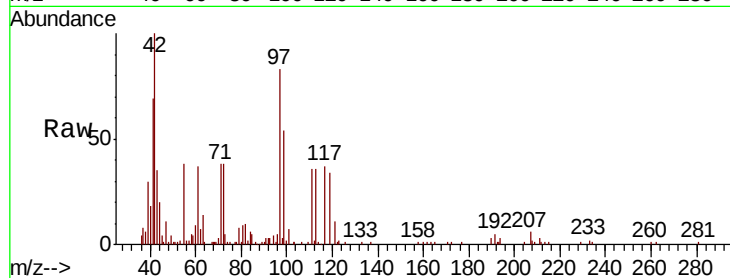
Tgt Ion: 42 Resp: 65621

Ion Ratio Lower Upper

42 100

72 40.3 28.6 43.0

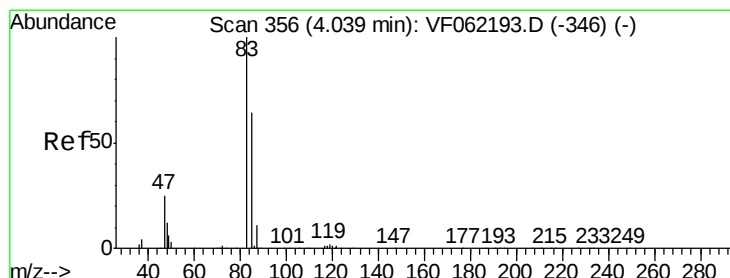
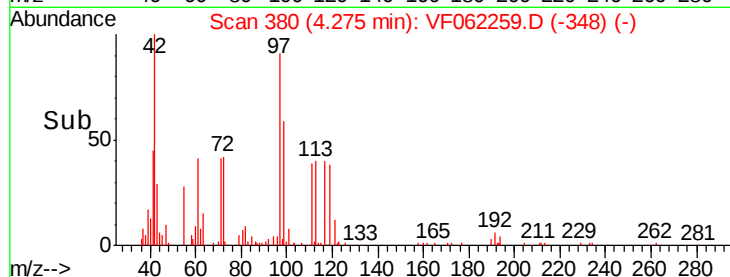
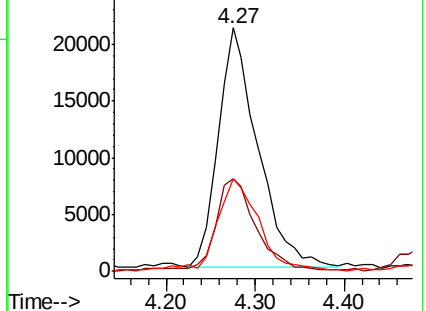
71 41.8 29.2 43.8



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 20.153 ug/l

RT: 4.06 min Scan# 358

Delta R.T. 0.02 min

Lab File: VF062259.D

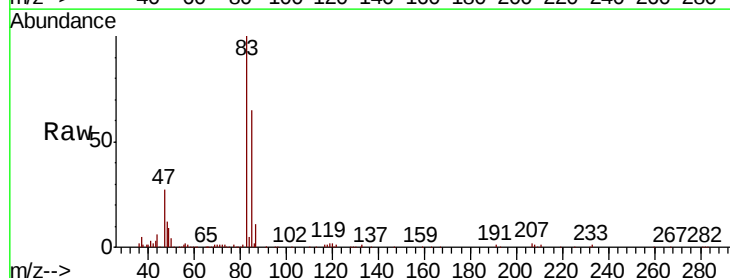
Acq: 23 Apr 2019 13:01

Tgt Ion: 83 Resp: 170517

Ion Ratio Lower Upper

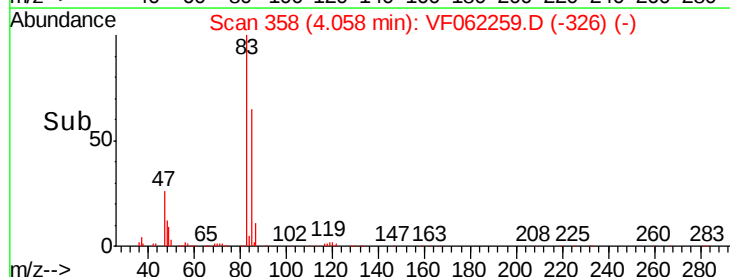
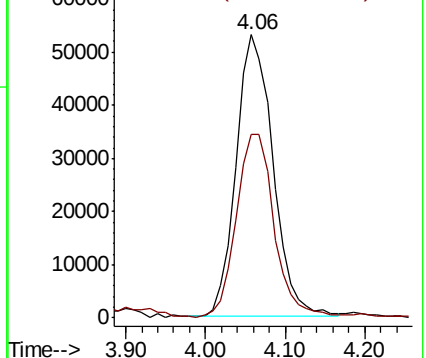
83 100

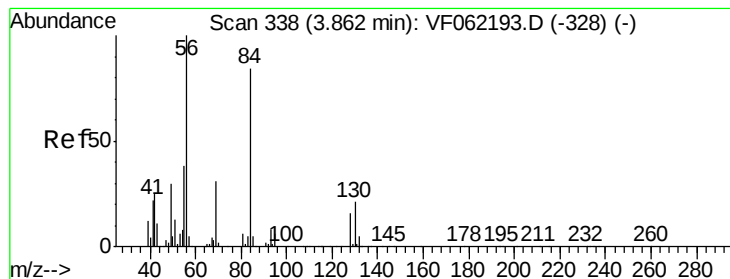
85 64.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0





#31

Cyclohexane

Concen: 17.499 ug/l

RT: 3.89 min Scan# 341

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

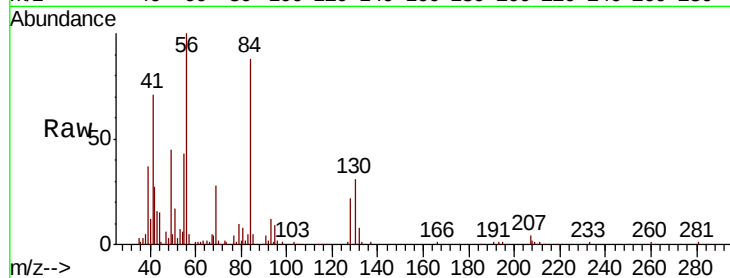
Tgt Ion: 56 Resp: 144378

Ion Ratio Lower Upper

56 100

69 27.4 25.1 37.7

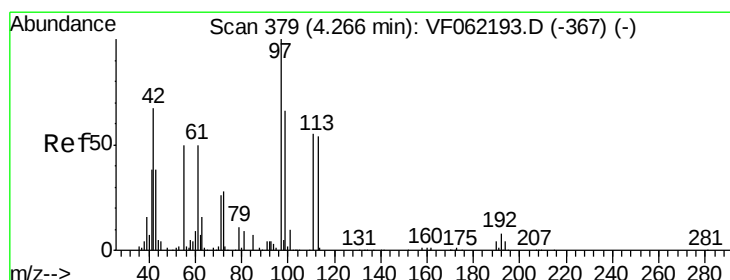
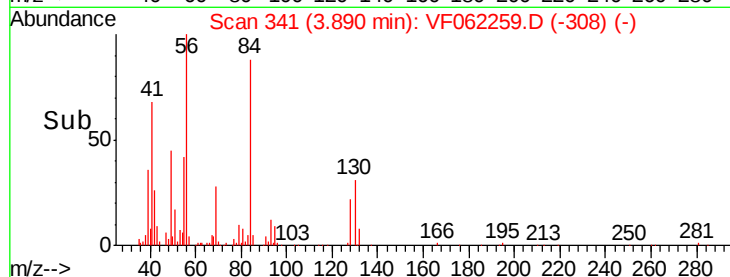
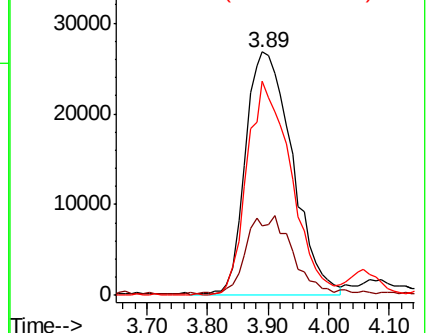
84 87.3 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 23.366 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.04 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

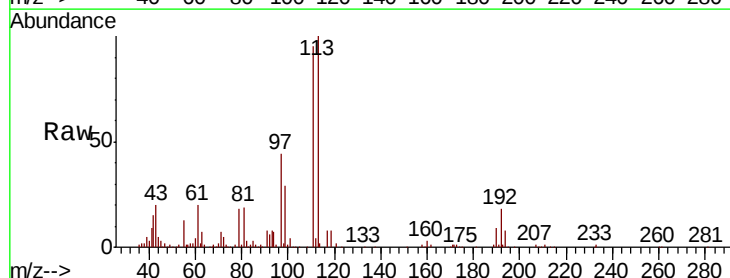
Tgt Ion: 97 Resp: 144716

Ion Ratio Lower Upper

97 100

99 63.4 52.7 79.1

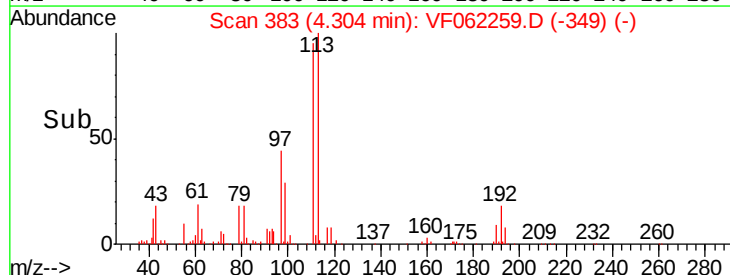
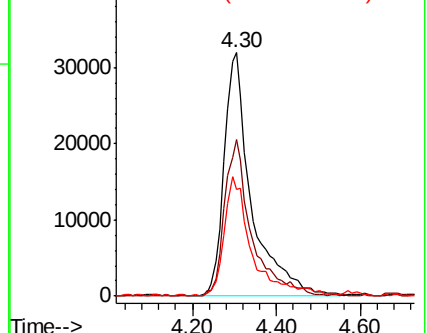
61 49.6 53.0 79.4#

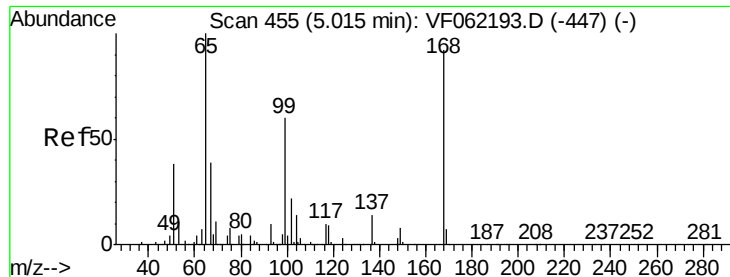


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 23.366 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

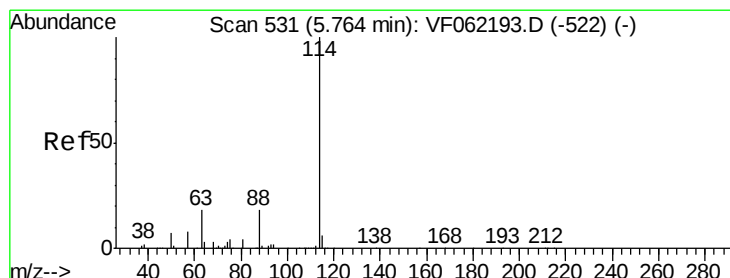
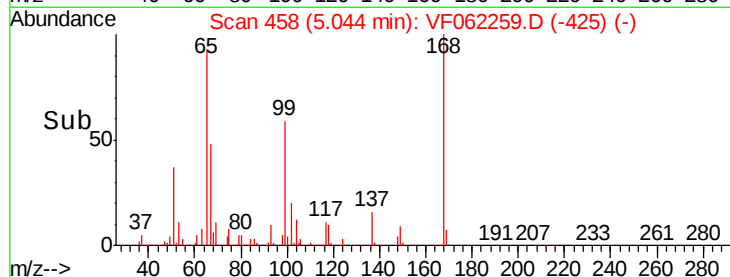
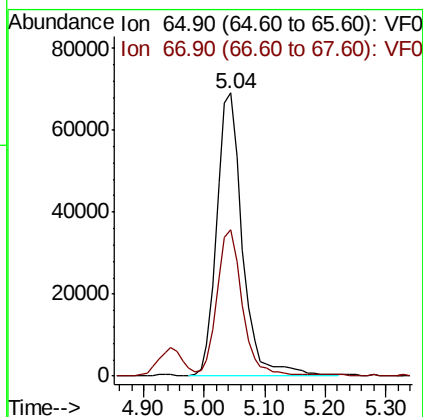
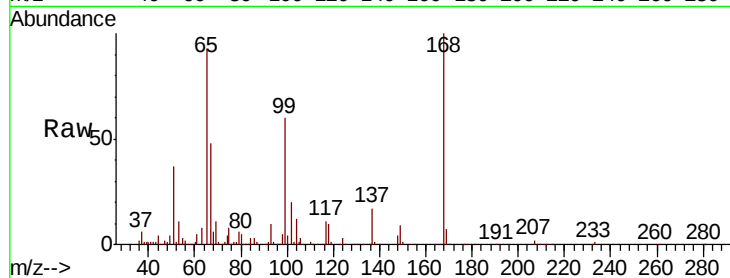
VF0423SBS01

Tgt Ion: 65 Resp: 204587

Ion Ratio Lower Upper

65 100

67 49.6 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

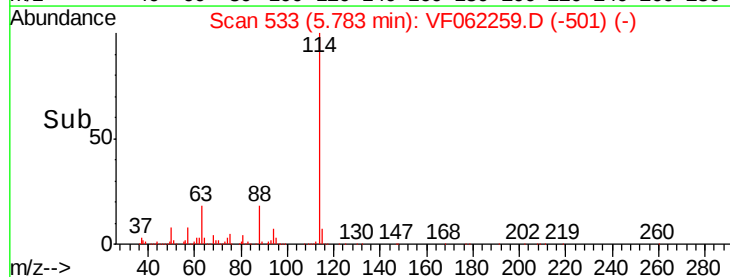
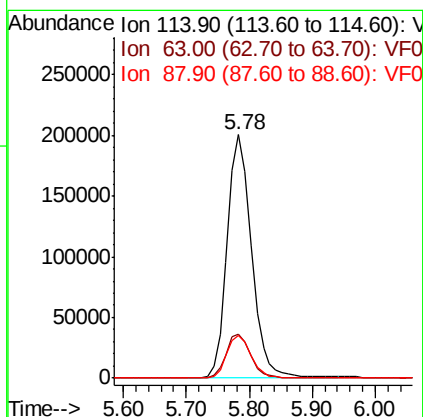
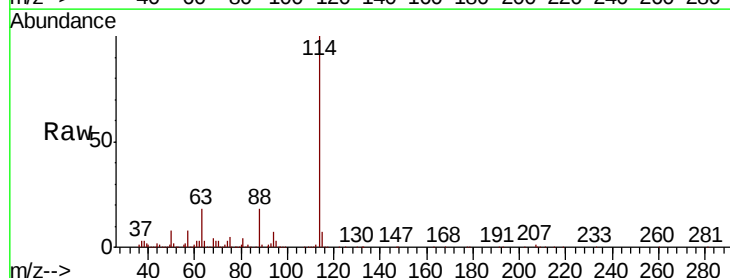
Tgt Ion: 114 Resp: 537477

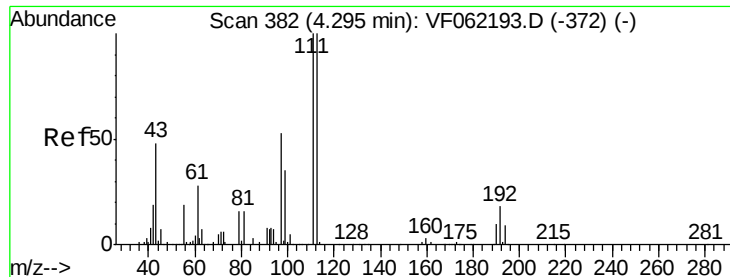
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 17.6 0.0 35.8

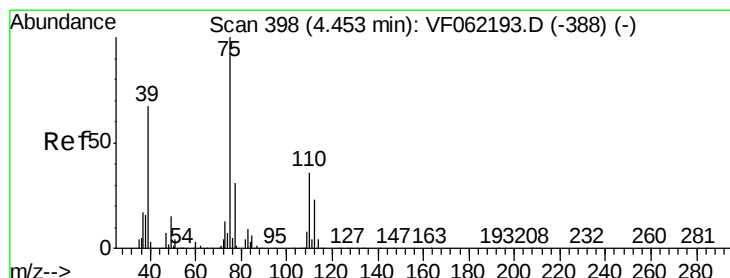
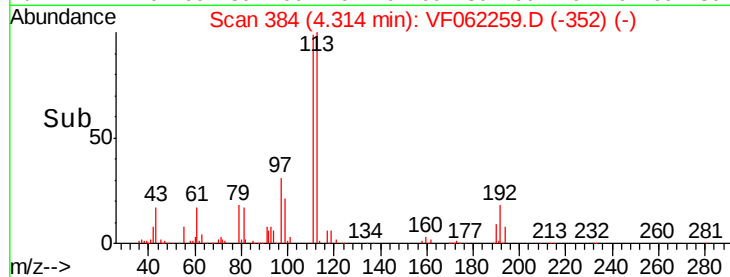
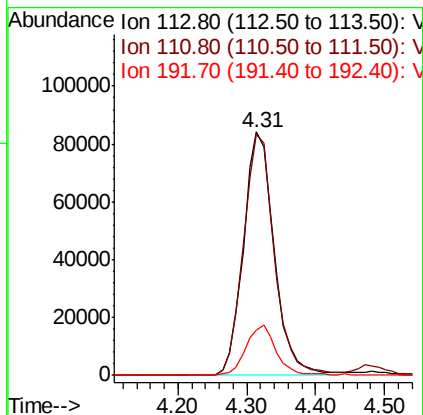
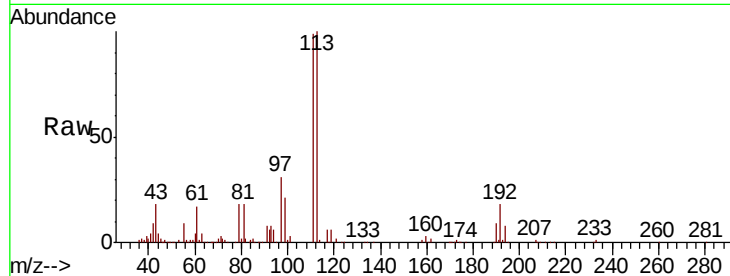




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

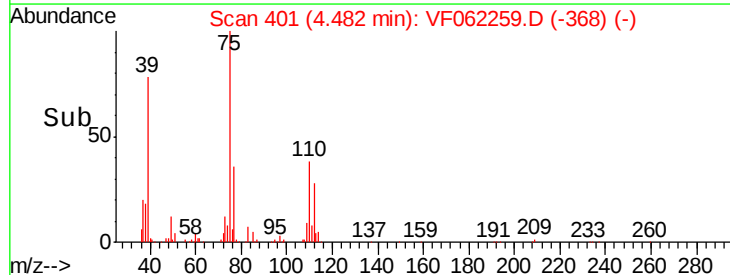
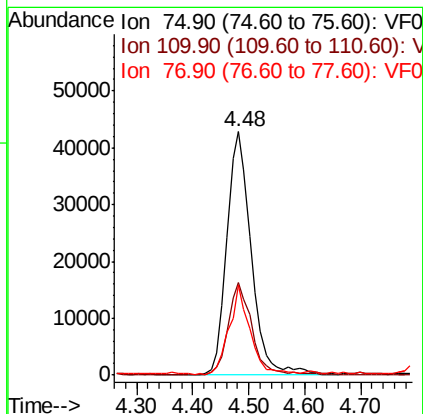
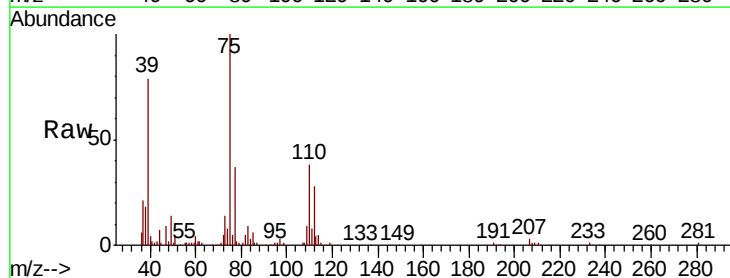
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

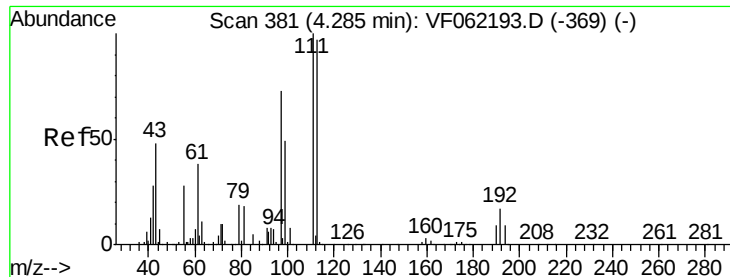
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.2	81.1	121.7
192	20.1	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 19.954 ug/l
 RT: 4.48 min Scan# 401
 Delta R.T. 0.03 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.4	55.2
77	31.2	25.4	38.2





#37

Ethyl Acetate

Concen: 18.884 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

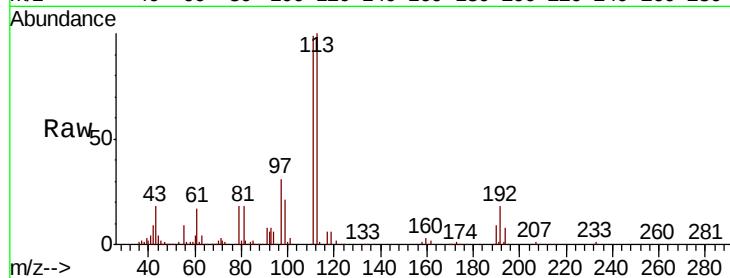
Tgt Ion: 43 Resp: 57422

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

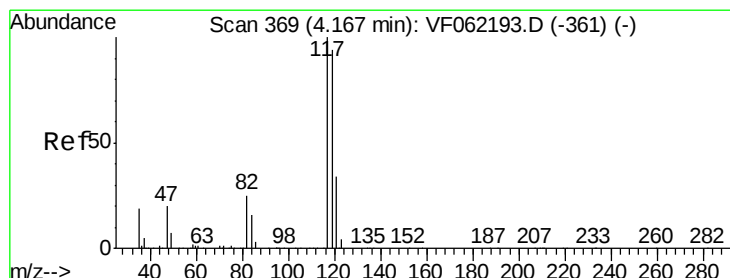
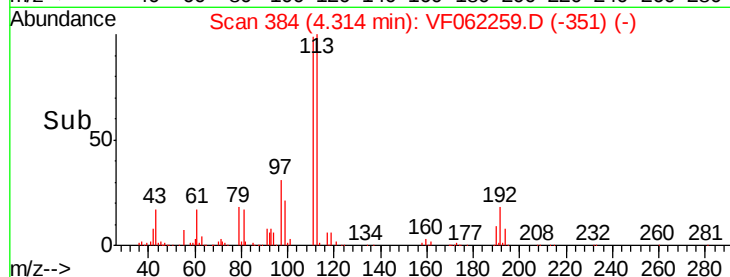
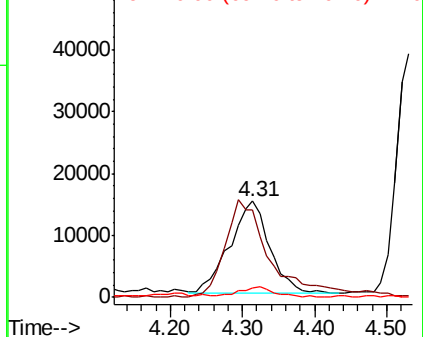
70 8.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 28.026 ug/l

RT: 4.20 min Scan# 372

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

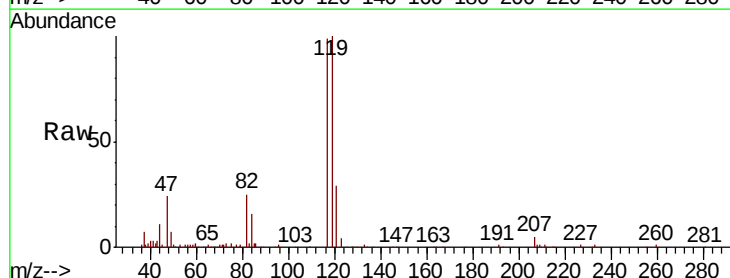
Tgt Ion: 117 Resp: 159858

Ion Ratio Lower Upper

117 100

119 100.3 75.0 112.4

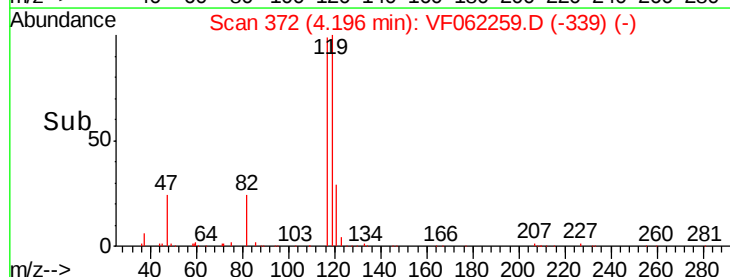
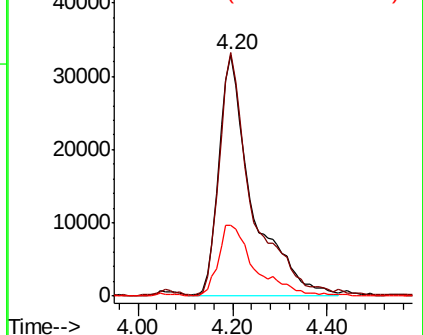
121 29.1 26.9 40.3

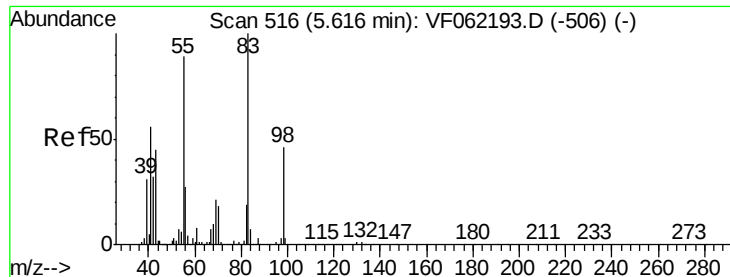


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

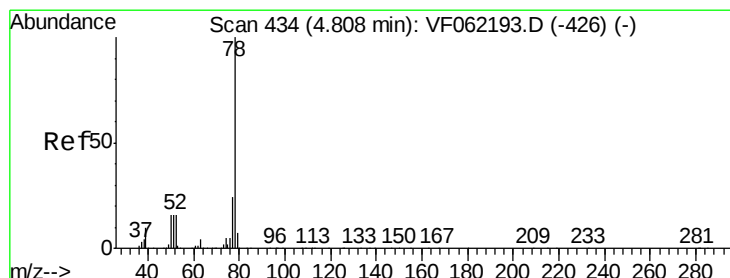
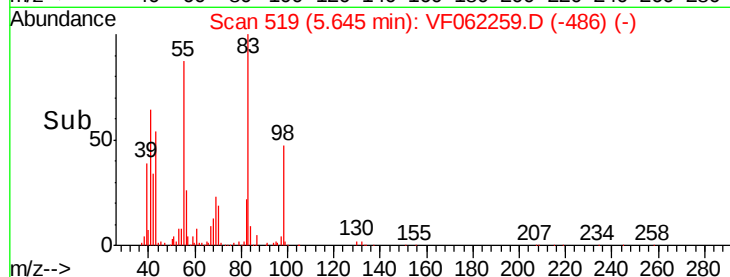
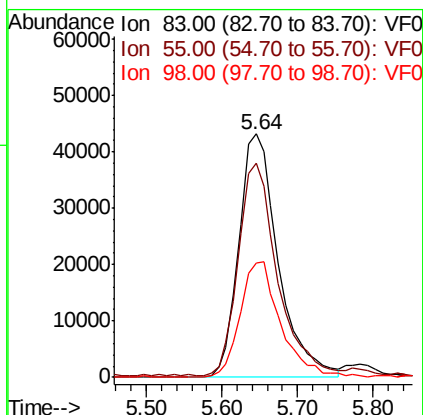
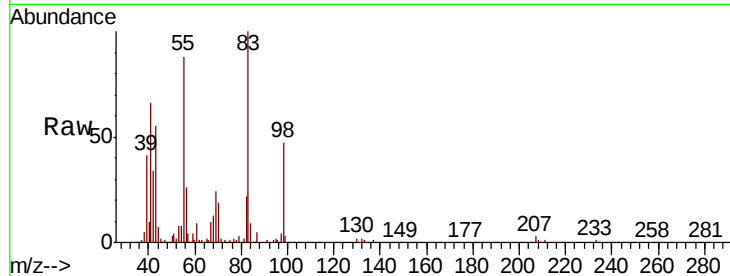




#39
Methylcyclohexane
Concen: 20.265 ug/l
RT: 5.64 min Scan# 519
Delta R.T. 0.03 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

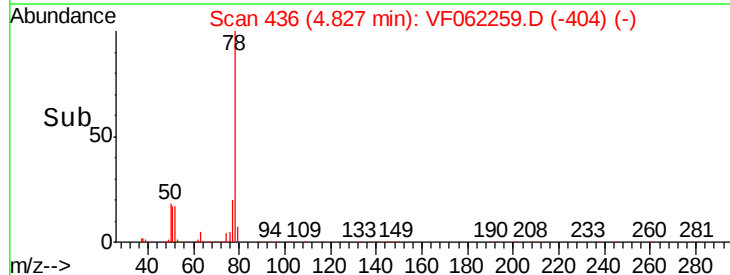
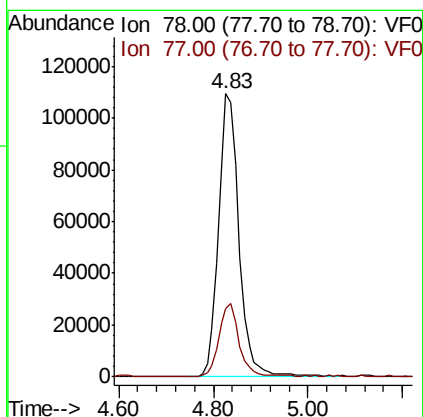
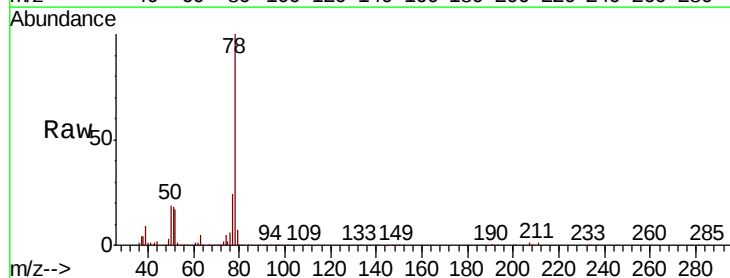
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

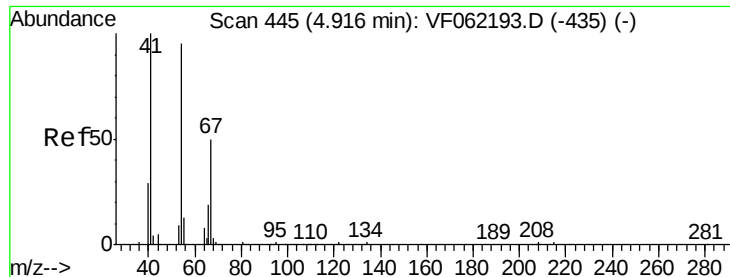
Tgt Ion: 83 Resp: 156356
Ion Ratio Lower Upper
83 100
55 86.5 71.0 106.6
98 47.2 36.7 55.1



#40
Benzene
Concen: 19.423 ug/l
RT: 4.83 min Scan# 436
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion: 78 Resp: 328298
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#41

Methacrylonitrile

Concen: 19.231 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

Tgt Ion: 41 Resp: 33732

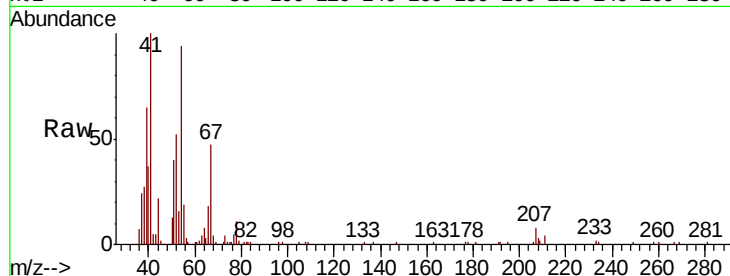
Ion Ratio Lower Upper

41 100

39 64.4 44.7 67.1

67 58.3 39.1 58.7

52 65.0 49.8 74.8

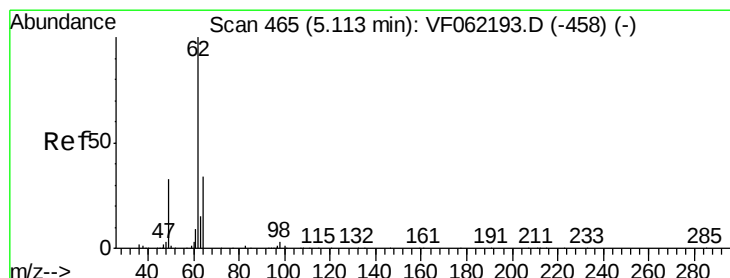
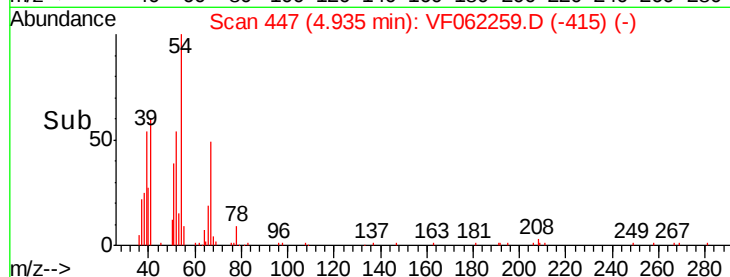
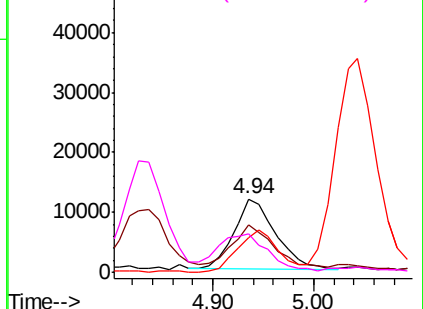


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 21.148 ug/l

RT: 5.14 min Scan# 468

Delta R.T. 0.03 min

Lab File: VF062259.D

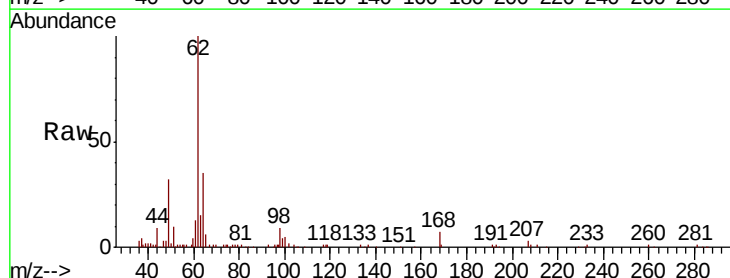
Acq: 23 Apr 2019 13:01

Tgt Ion: 62 Resp: 94496

Ion Ratio Lower Upper

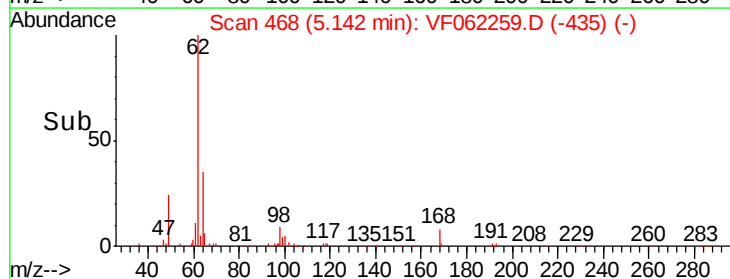
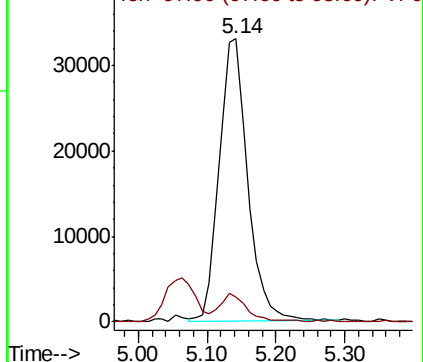
62 100

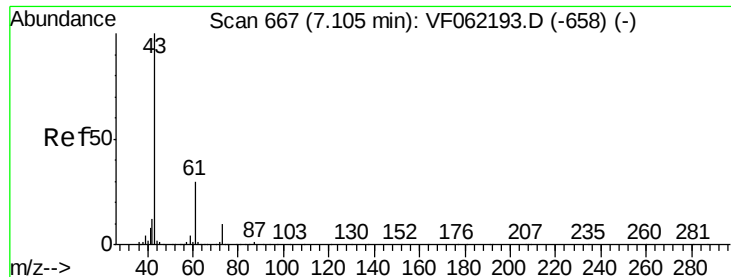
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



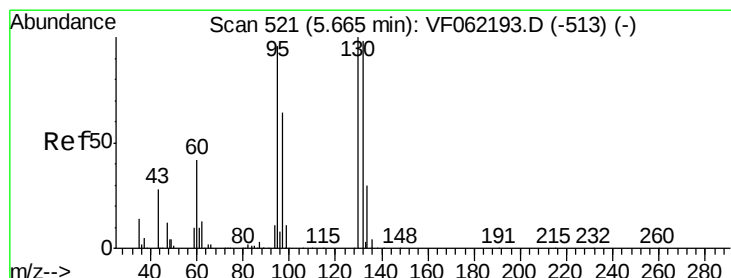
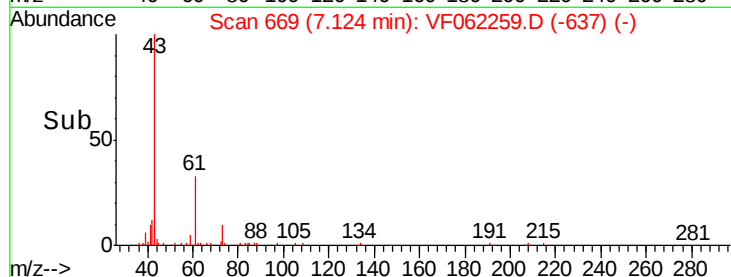
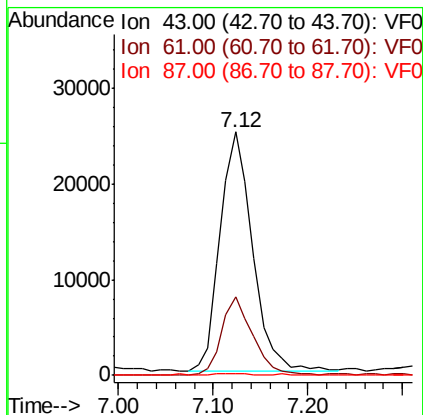
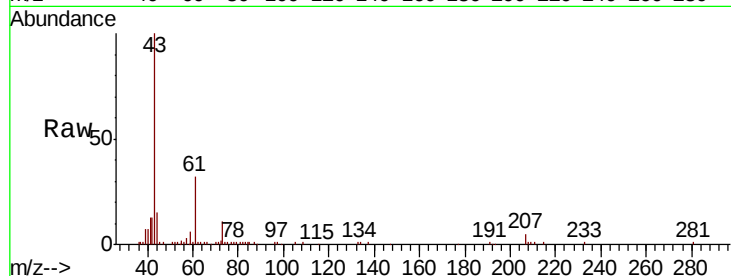


#43

Isopropyl Acetate
 Concen: 18.860 ug/l
 RT: 7.12 min Scan# 669
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

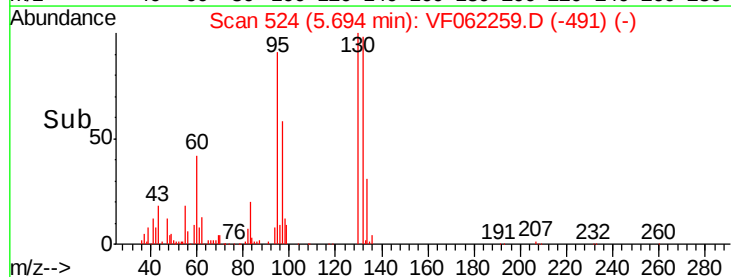
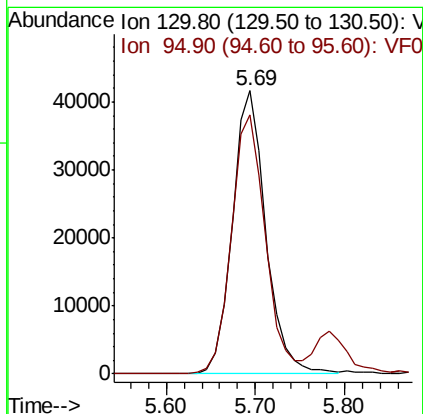
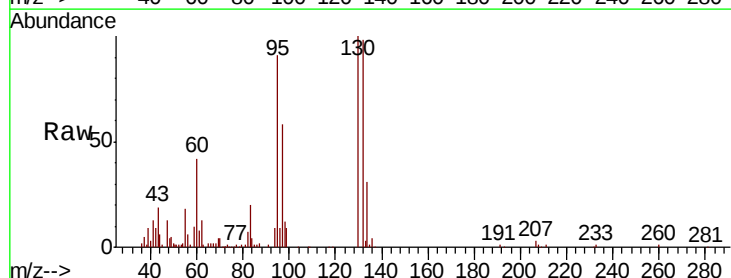
Tgt Ion: 43 Resp: 60318
 Ion Ratio Lower Upper
 43 100
 61 31.0 24.4 36.6
 87 0.7 0.4 0.6#

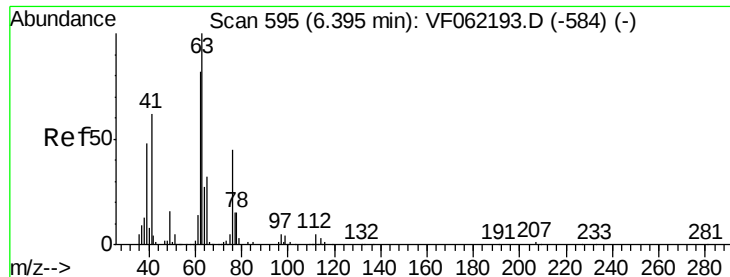


#44

Trichloroethene
 Concen: 23.822 ug/l
 RT: 5.69 min Scan# 524
 Delta R.T. 0.03 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 130 Resp: 108805
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 191.4

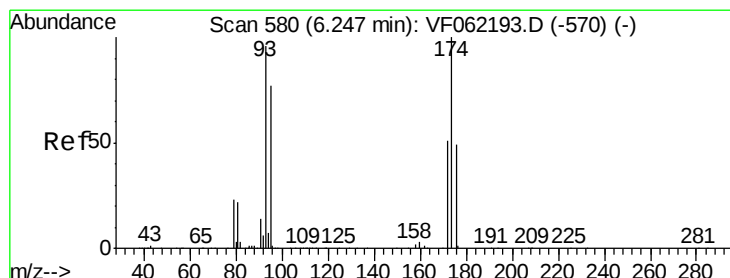
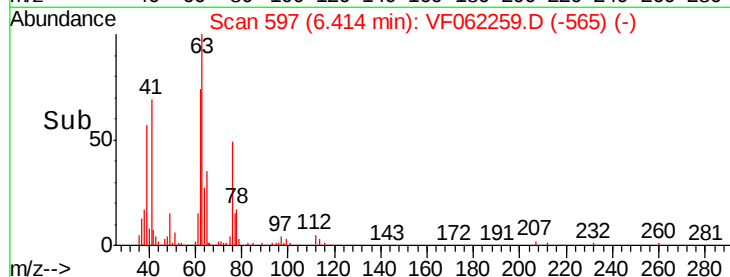
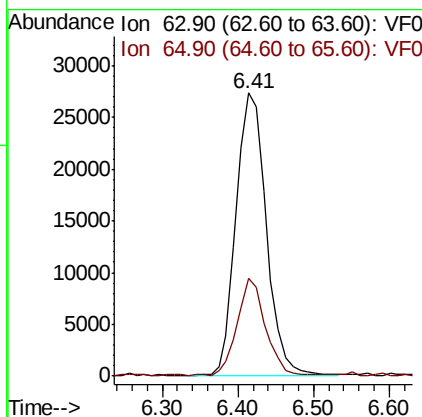
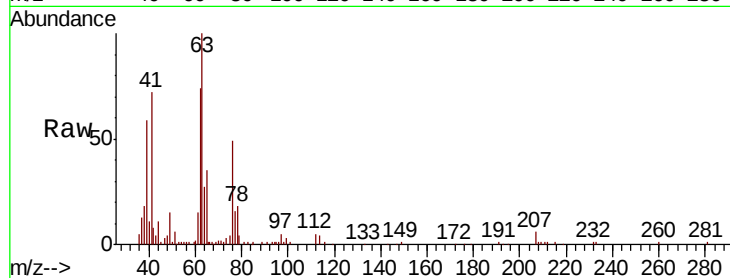




#45
 1,2-Dichloropropane
 Concen: 20.533 ug/l
 RT: 6.41 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

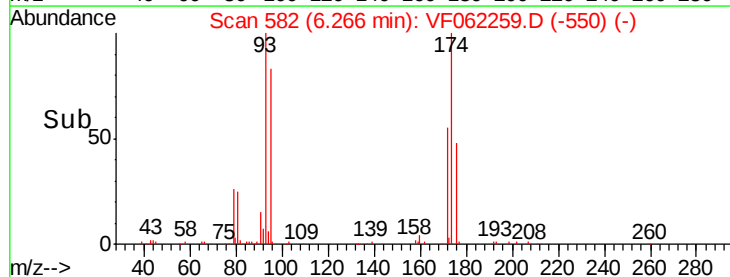
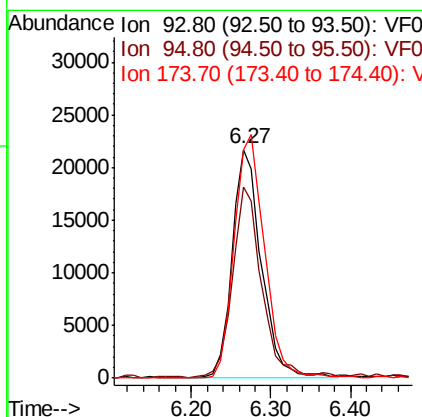
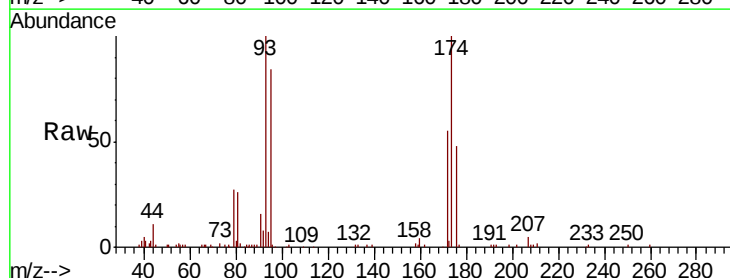
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

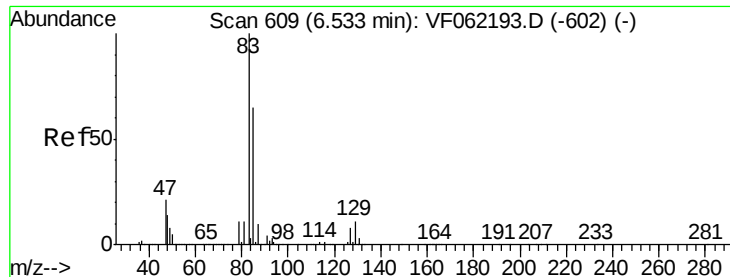
Tgt Ion: 63 Resp: 76449
 Ion Ratio Lower Upper
 63 100
 65 34.5 25.9 38.9



#46
 Dibromomethane
 Concen: 22.467 ug/l
 RT: 6.27 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 93 Resp: 55653
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.1 97.7
 174 110.3 81.8 122.6





#47

Bromodichloromethane

Concen: 22.749 ug/l

RT: 6.56 min Scan# 612

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

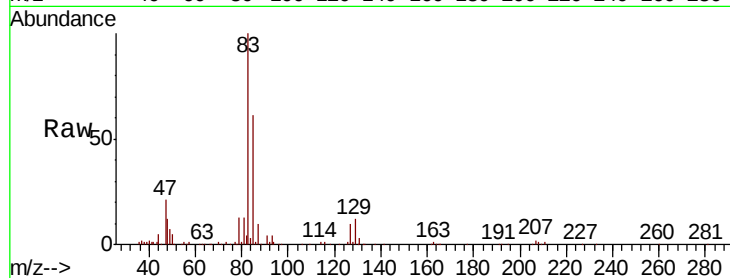
Tgt Ion: 83 Resp: 127164

Ion Ratio Lower Upper

83 100

85 61.2 52.2 78.4

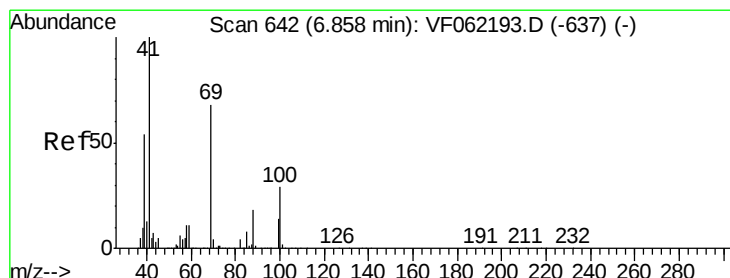
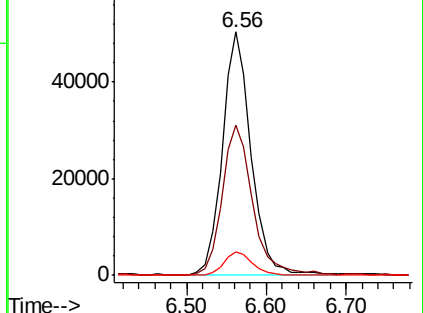
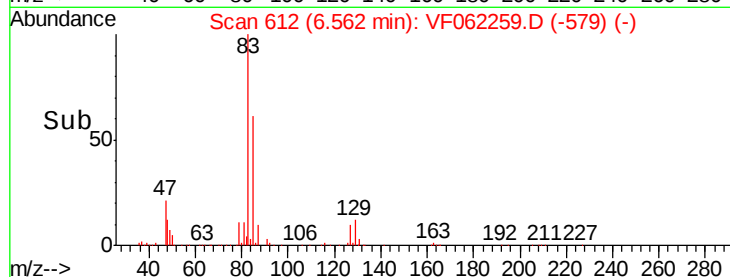
127 9.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.244 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

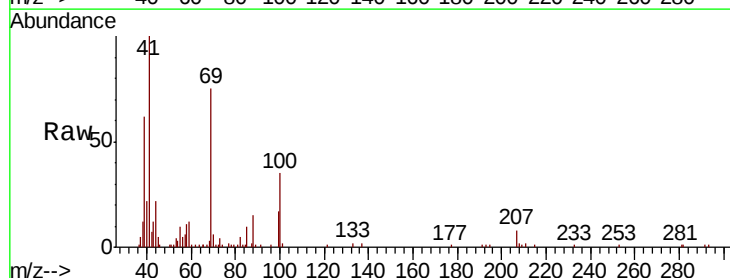
Tgt Ion: 41 Resp: 40447

Ion Ratio Lower Upper

41 100

69 70.3 54.9 82.3

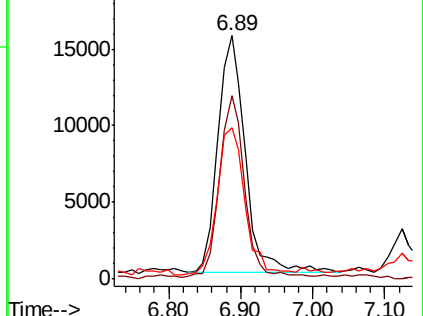
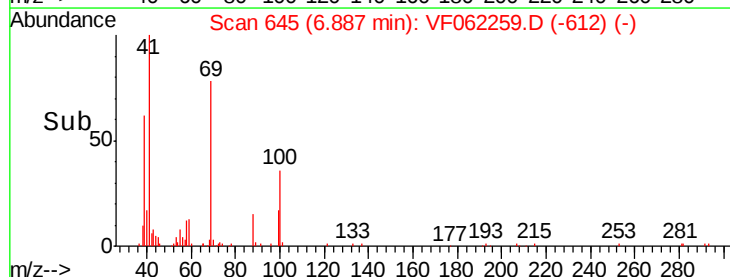
39 63.1 43.6 65.4

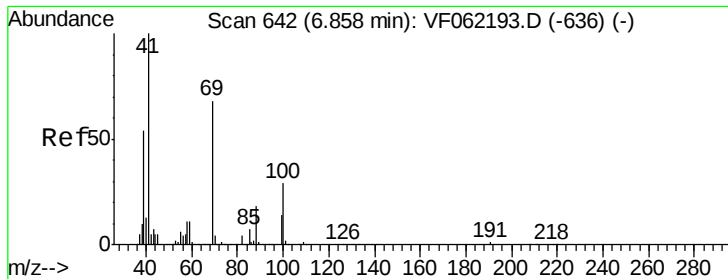


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

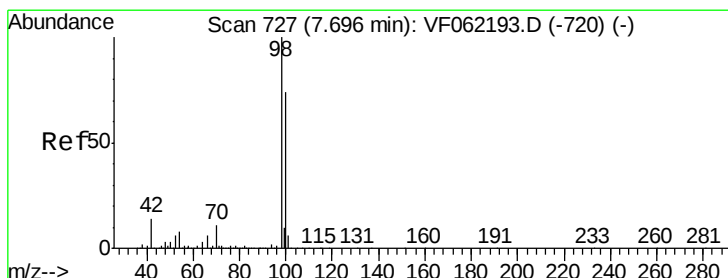
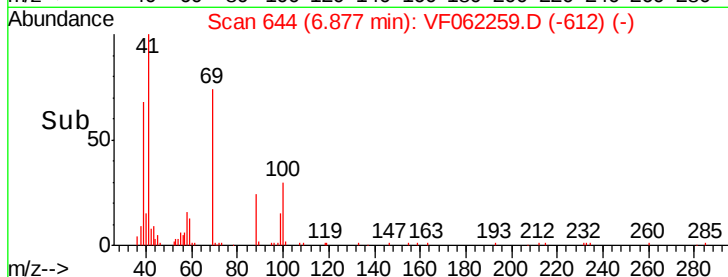
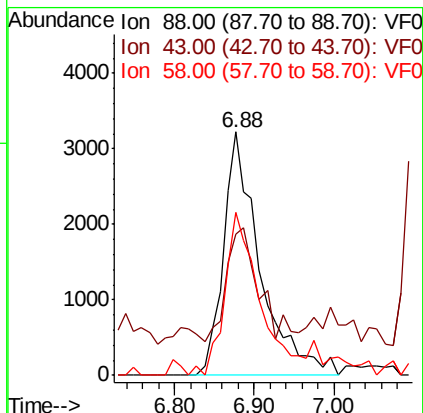
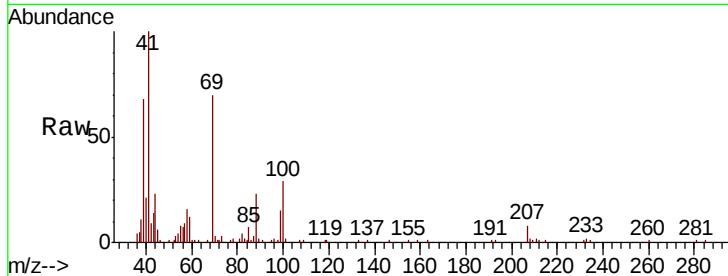




#49
 1,4-Dioxane
 Concen: 429.090 ug/l
 RT: 6.88 min Scan# 644
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

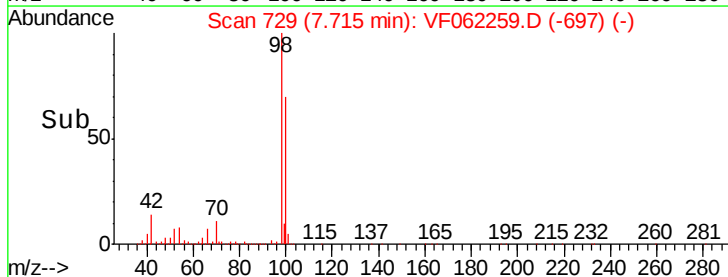
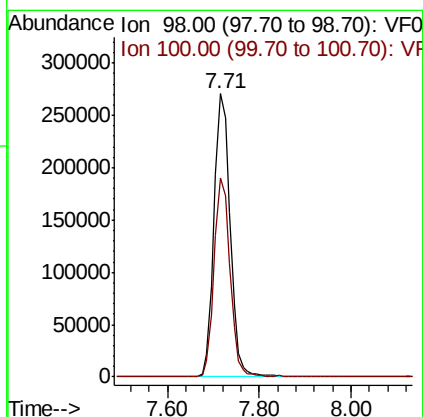
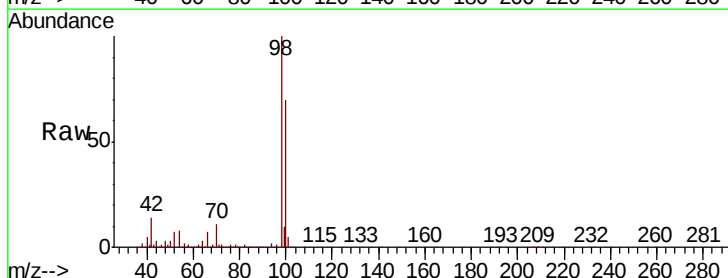
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

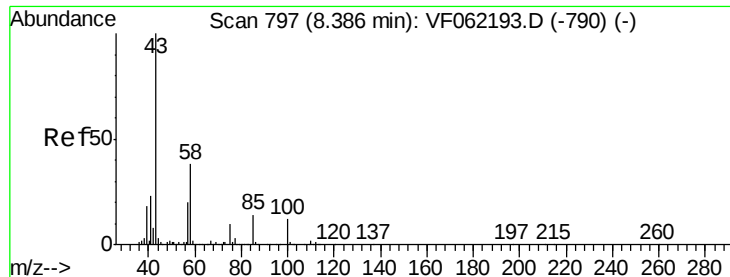
Tgt Ion: 88 Resp: 10343
 Ion Ratio Lower Upper
 88 100
 43 41.9 36.9 55.3
 58 64.7 56.8 85.2



#50
 Toluene-d8
 Concen: 429.090 ug/l
 RT: 7.71 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 98 Resp: 655601
 Ion Ratio Lower Upper
 98 100
 100 69.0 56.2 84.2

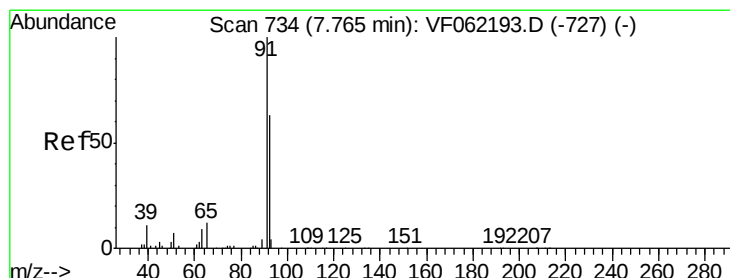
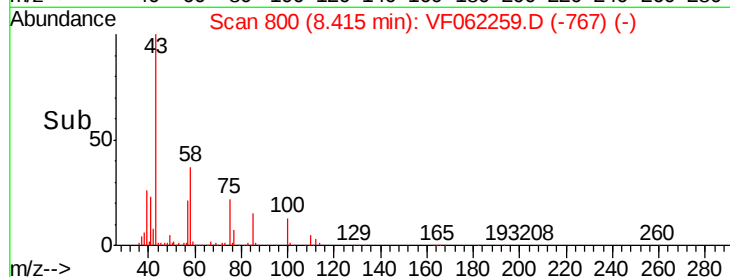
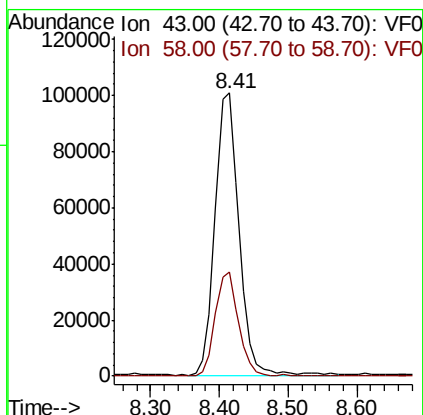
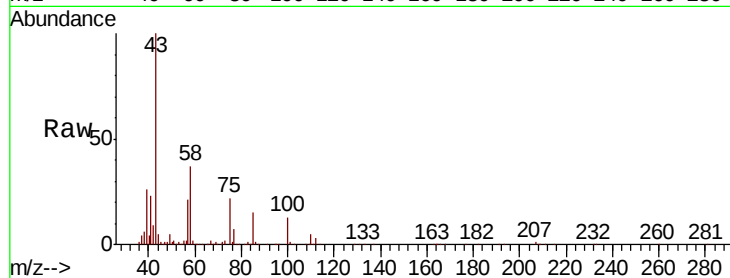




#51
 4-Methyl-2-Pentanone
 Concen: 103.703 ug/l
 RT: 8.41 min Scan# 800
 Delta R.T. 0.03 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

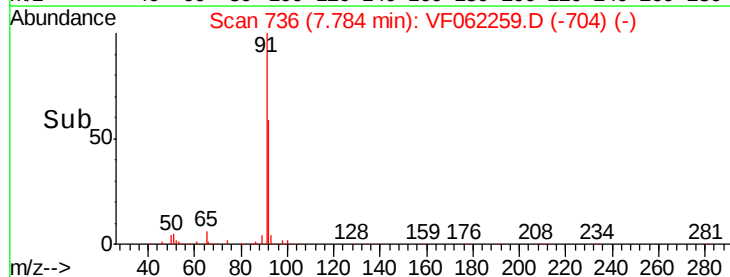
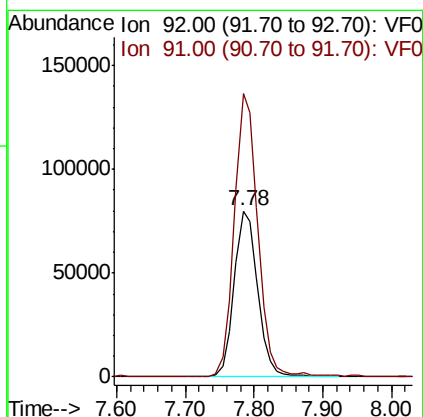
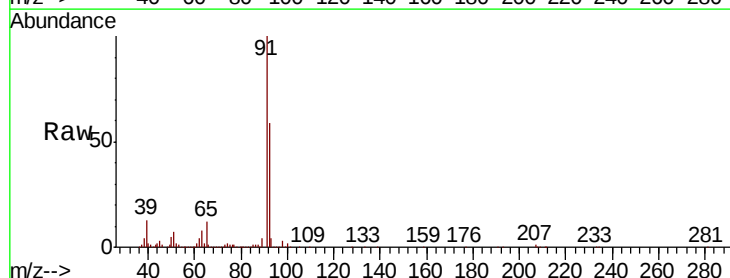
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

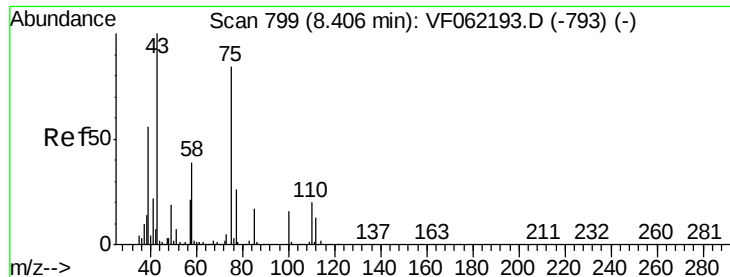
Tgt Ion: 43 Resp: 246686
 Ion Ratio Lower Upper
 43 100
 58 35.4 29.3 43.9



#52
 Toluene
 Concen: 21.307 ug/l
 RT: 7.78 min Scan# 736
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 92 Resp: 189839
 Ion Ratio Lower Upper
 92 100
 91 169.9 130.1 195.1

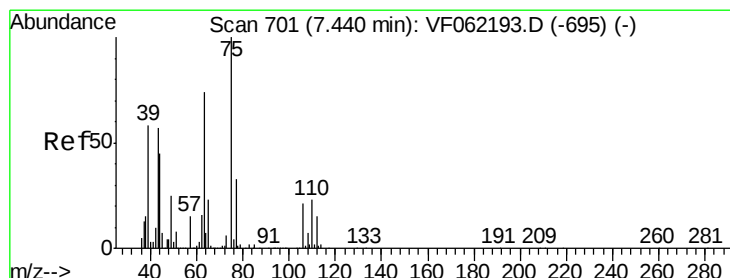
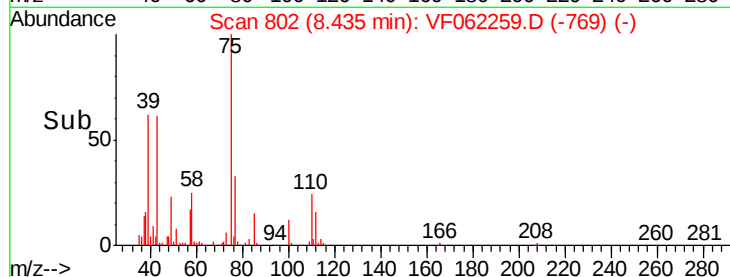
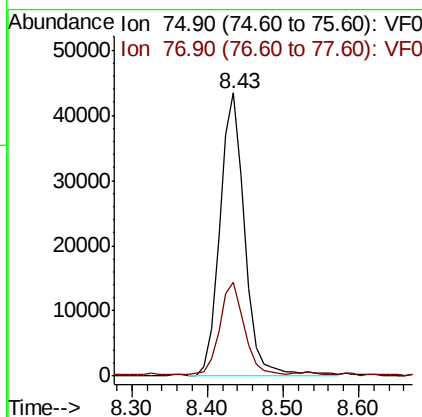
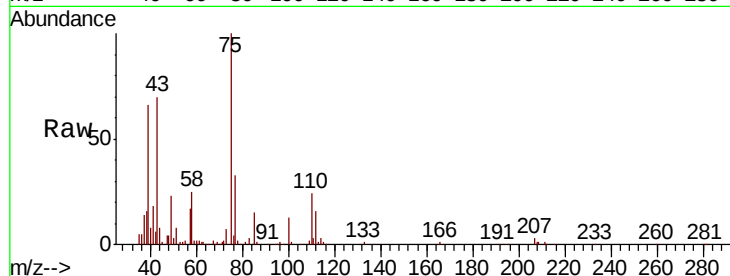




#53
 t-1,3-Dichloropropene
 Concen: 23.295 ug/l
 RT: 8.43 min Scan# 802
 Delta R.T. 0.03 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

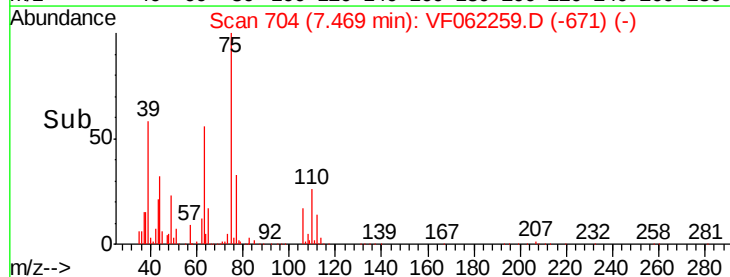
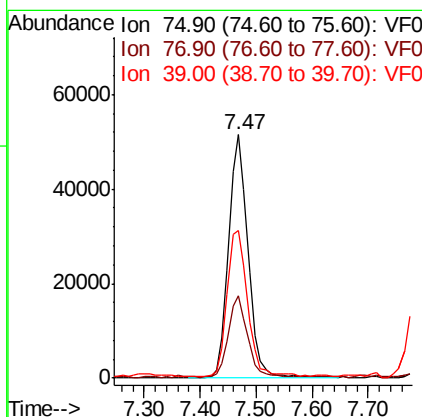
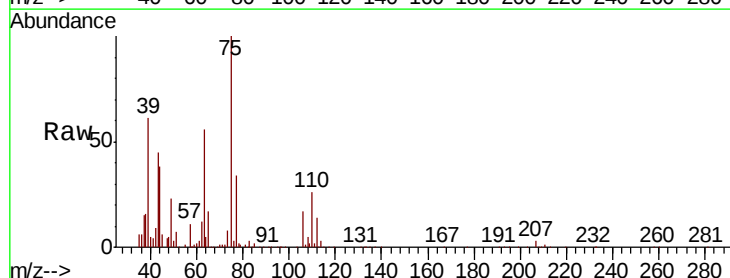
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

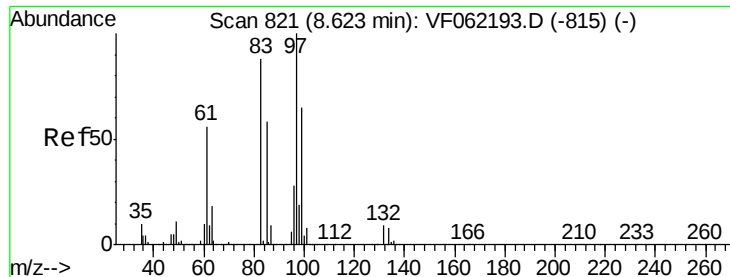
Tgt Ion: 75 Resp: 97803
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.027 ug/l
 RT: 7.47 min Scan# 704
 Delta R.T. 0.03 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 75 Resp: 125094
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.4 39.6
 39 60.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 22.509 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

Tgt Ion: 97 Resp: 56182

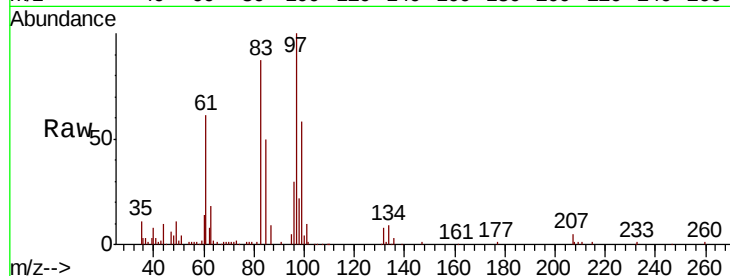
Ion Ratio Lower Upper

97 100

83 86.7 70.2 105.2

85 49.2 46.2 69.4

99 57.7 52.2 78.4

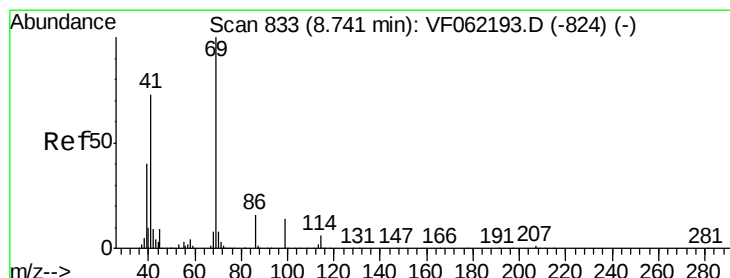
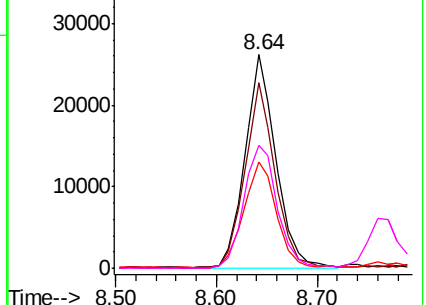
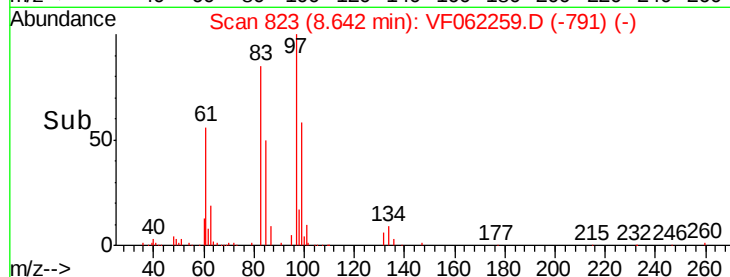


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 21.866 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

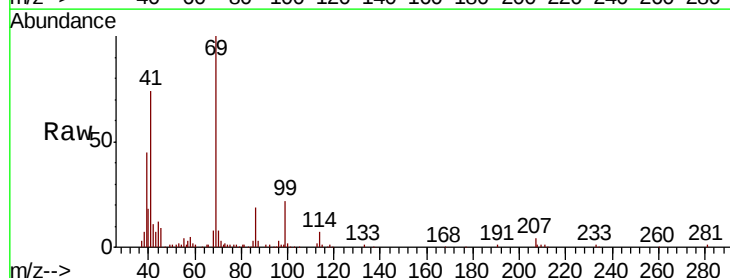
Tgt Ion: 69 Resp: 62050

Ion Ratio Lower Upper

69 100

41 74.7 61.5 92.3

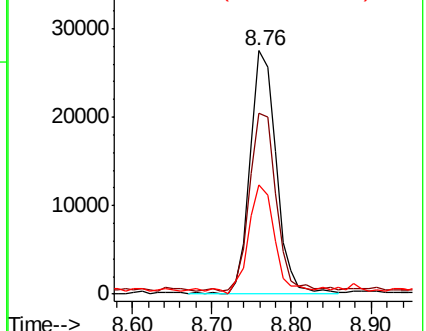
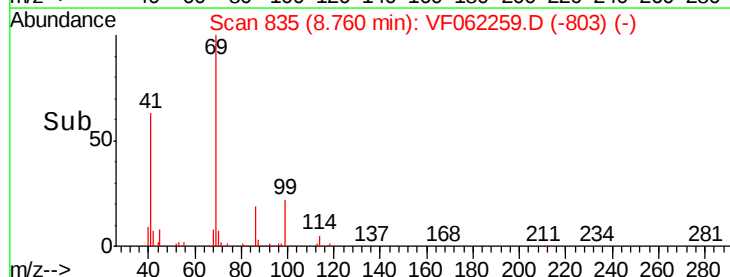
39 45.2 33.3 49.9

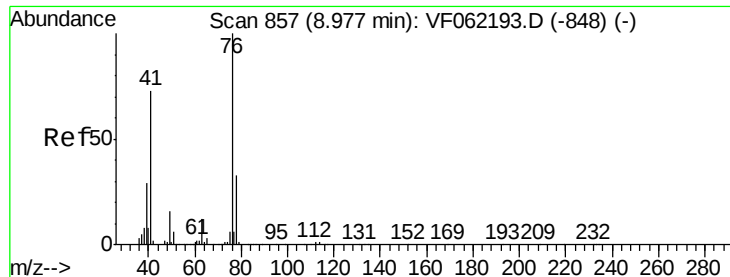


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 21.223 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

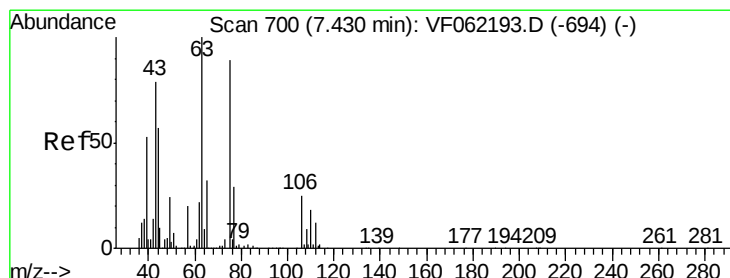
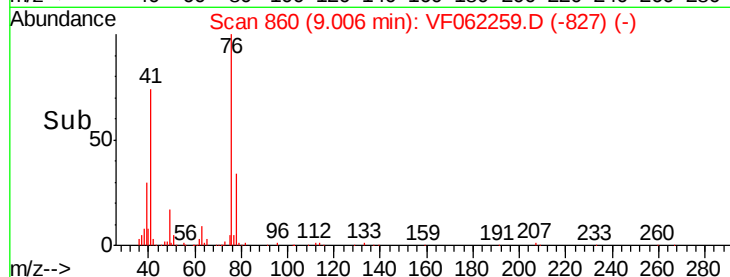
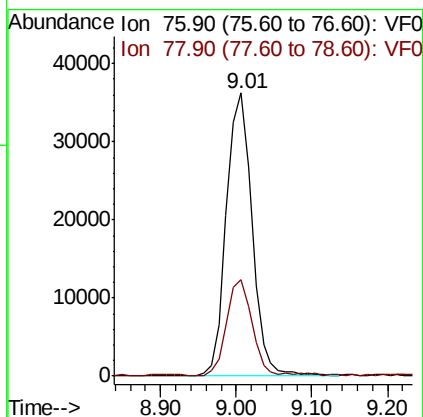
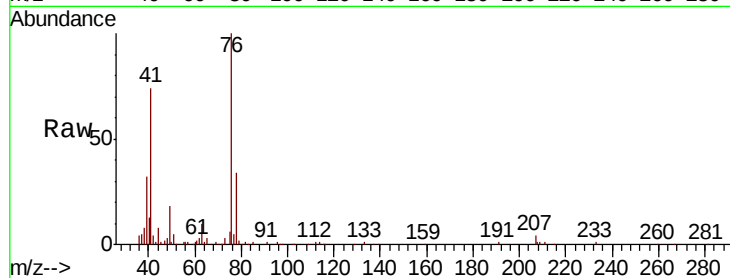
VF0423SBS01

Tgt Ion: 76 Resp: 85538

Ion Ratio Lower Upper

76 100

78 34.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 101.467 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.03 min

Lab File: VF062259.D

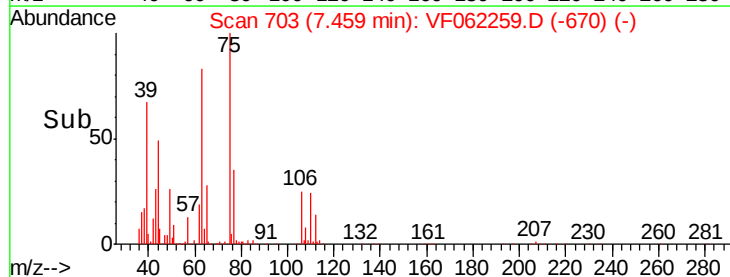
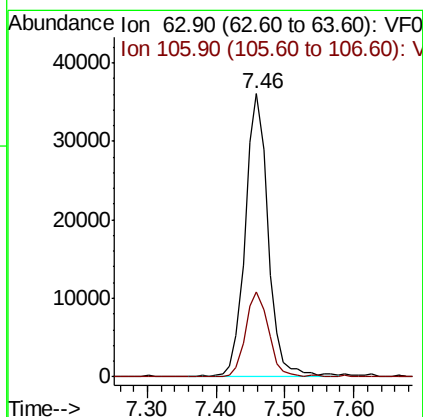
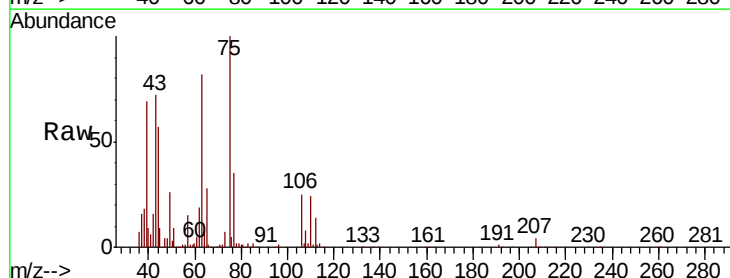
Acq: 23 Apr 2019 13:01

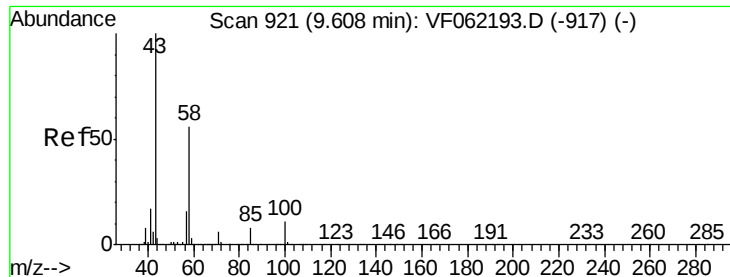
Tgt Ion: 63 Resp: 83599

Ion Ratio Lower Upper

63 100

106 30.0 21.4 32.0

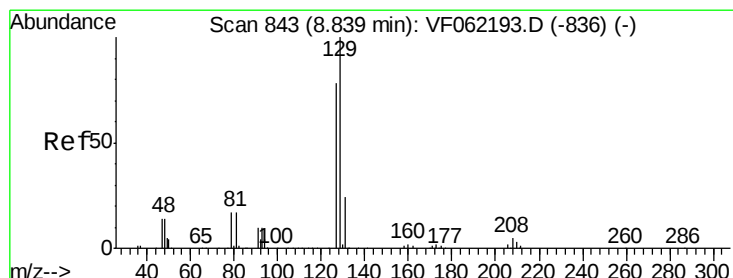
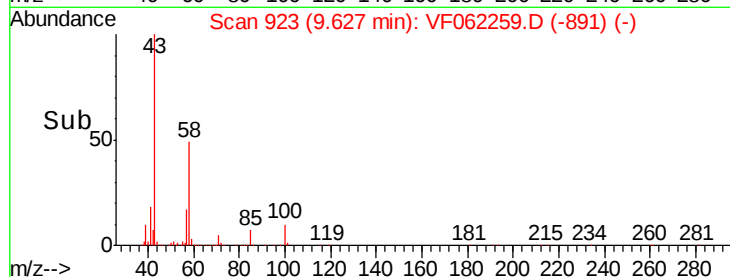
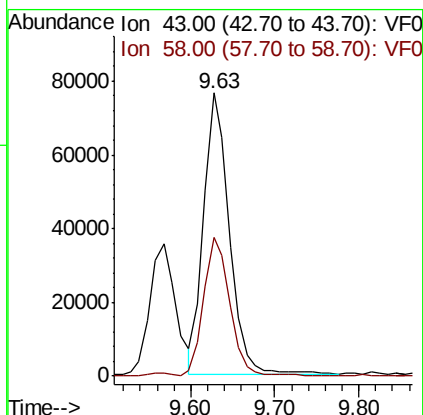
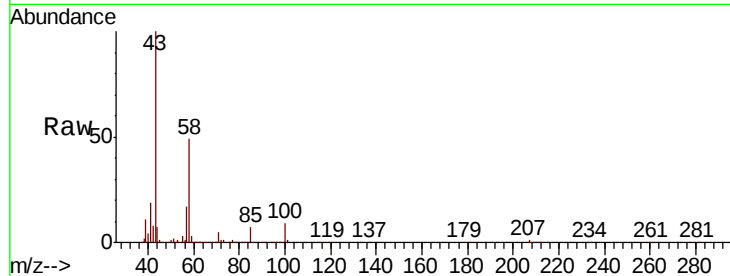




#59
2-Hexanone
Concen: 108.539 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

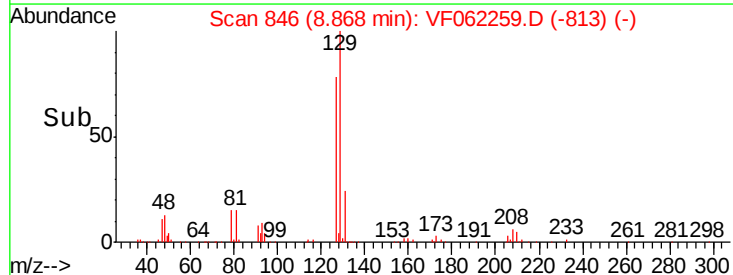
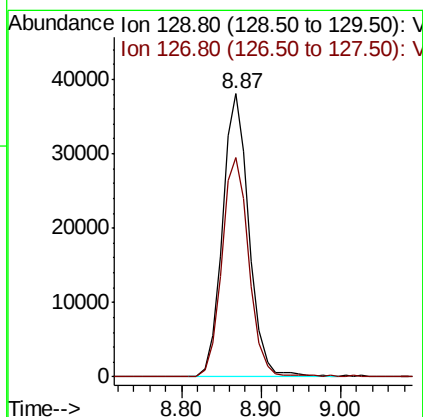
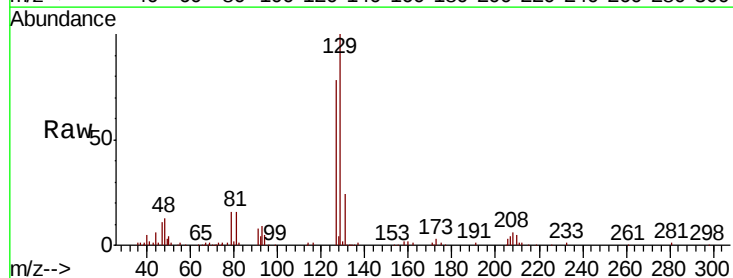
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

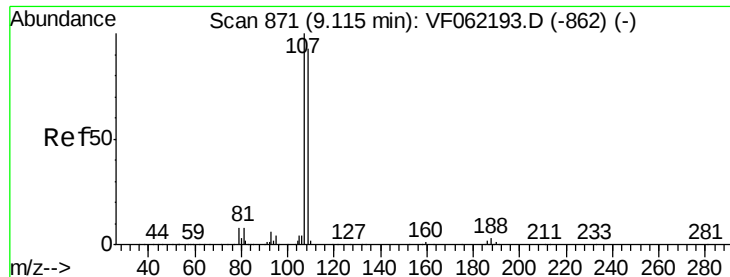
Tgt Ion: 43 Resp: 160891
Ion Ratio Lower Upper
43 100
58 50.3 24.6 74.0



#60
Dibromochloromethane
Concen: 23.983 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.03 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion: 129 Resp: 89024
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 23.130 ug/l

RT: 9.13 min Scan# 873

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

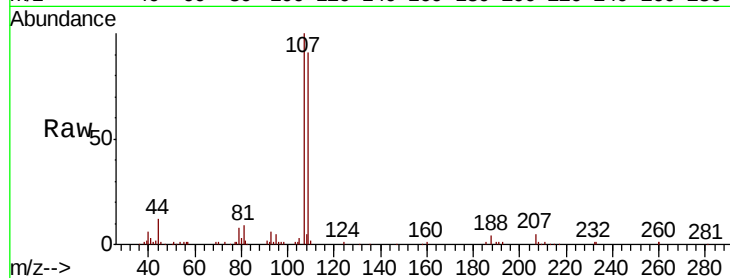
VF0423SBS01

Tgt Ion: 107 Resp: 65042

Ion Ratio Lower Upper

107 100

109 94.7 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.13

30000

25000

20000

15000

10000

5000

0

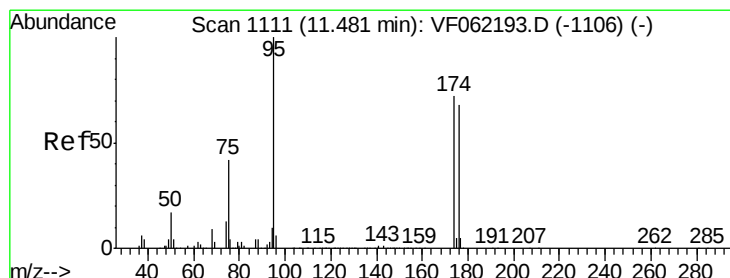
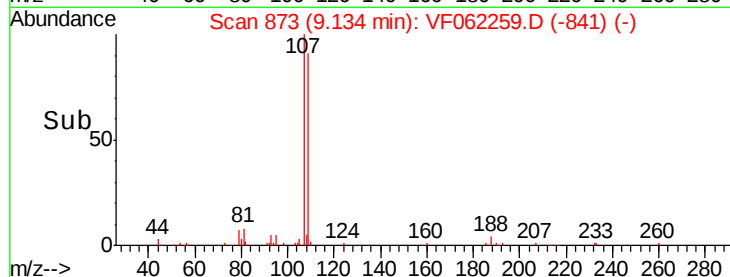
Time-->

9.00

9.10

9.20

9.30



#62

4-Bromofluorobenzene

Concen: 23.130 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

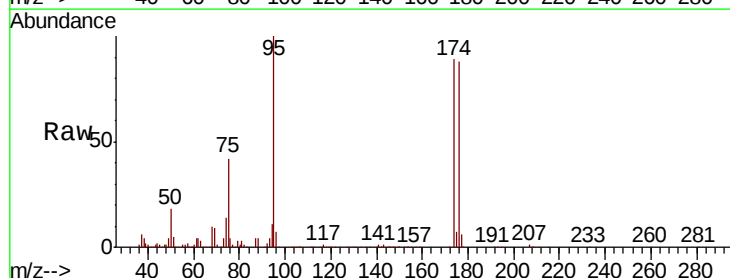
Tgt Ion: 95 Resp: 277286

Ion Ratio Lower Upper

95 100

174 91.2 0.0 159.4

176 89.7 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.50

200000

150000

100000

50000

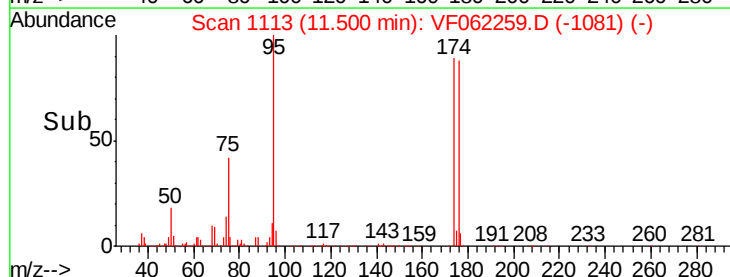
0

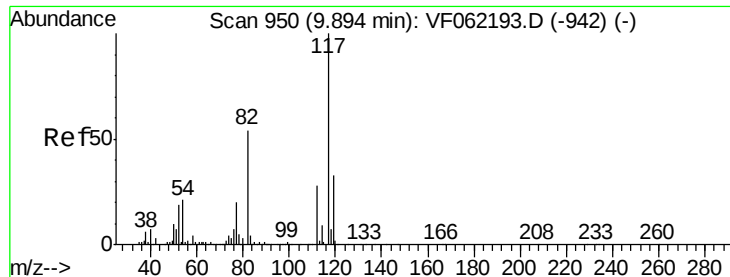
Time-->

11.40

11.50

11.60

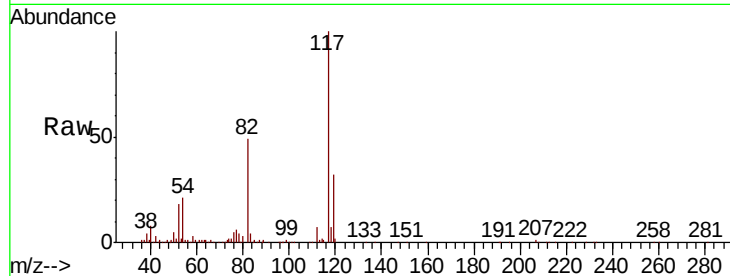




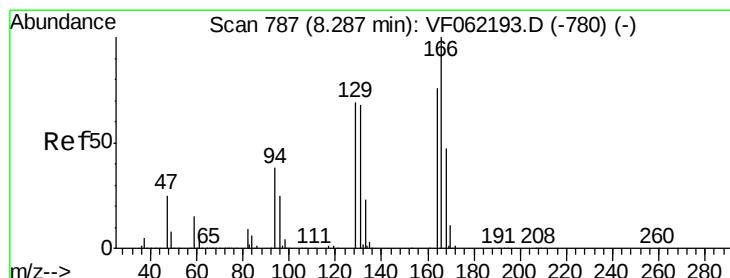
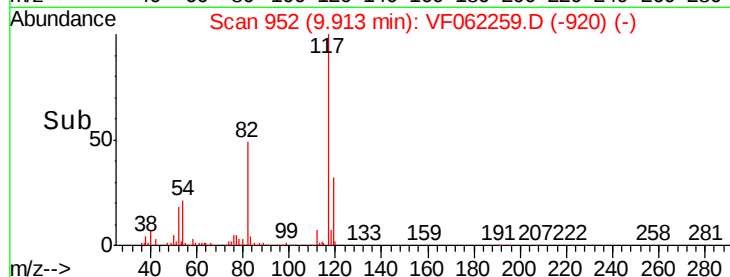
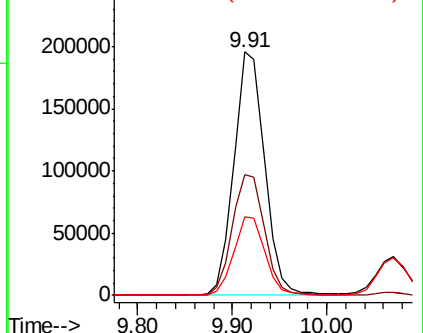
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

Tgt Ion:117 Resp: 441835
Ion Ratio Lower Upper
117 100
82 49.3 43.2 64.8
119 32.3 26.2 39.4

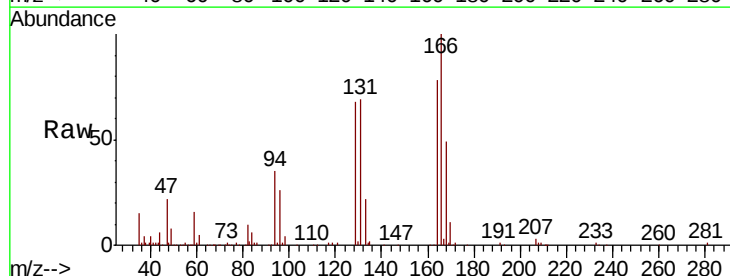


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

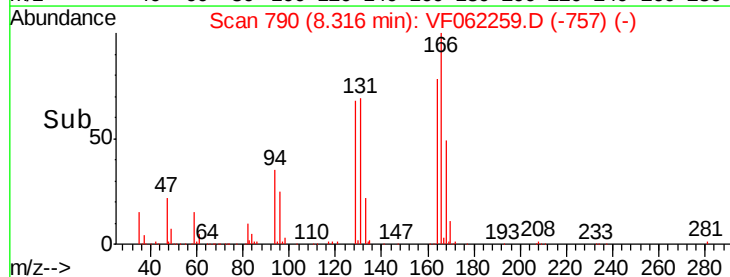
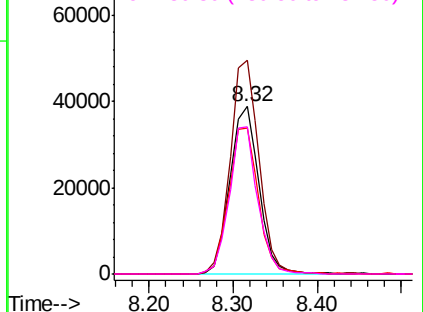


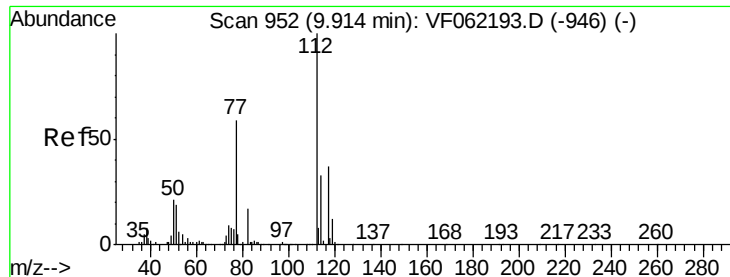
#64
Tetrachloroethene
Concen: 23.339 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.03 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion:164 Resp: 93086
Ion Ratio Lower Upper
164 100
166 127.6 104.7 157.1
129 87.1 72.6 109.0
131 87.6 71.6 107.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.939 ug/l

RT: 9.94 min Scan# 955

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

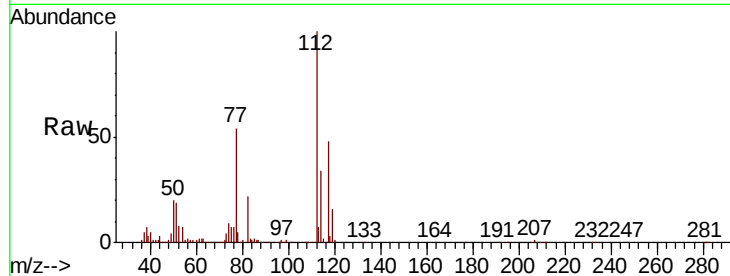
VF0423SBS01

Tgt Ion:112 Resp: 206687

Ion Ratio Lower Upper

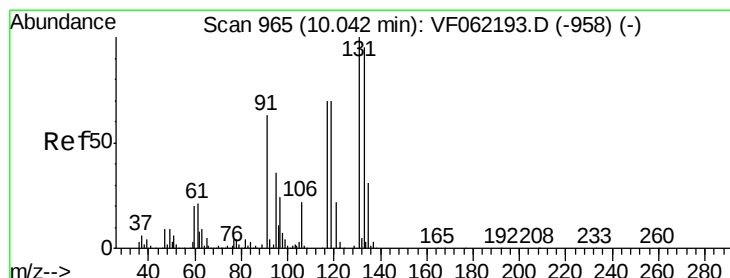
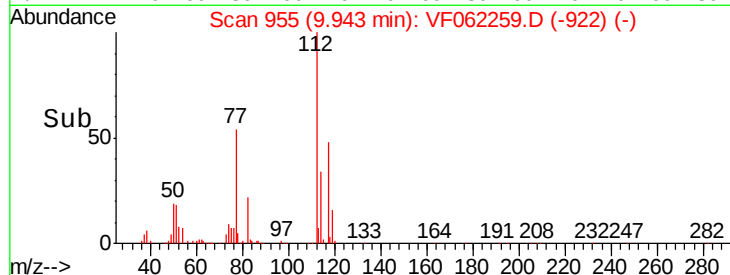
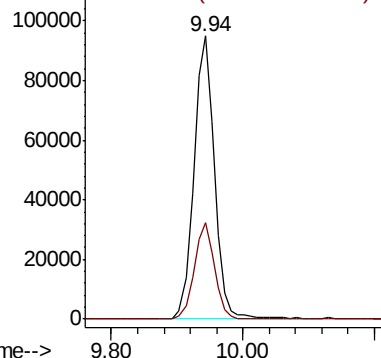
112 100

114 34.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.349 ug/l

RT: 10.07 min Scan# 968

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

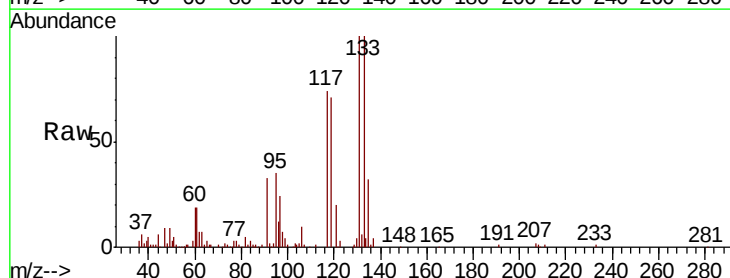
Tgt Ion:131 Resp: 98601

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

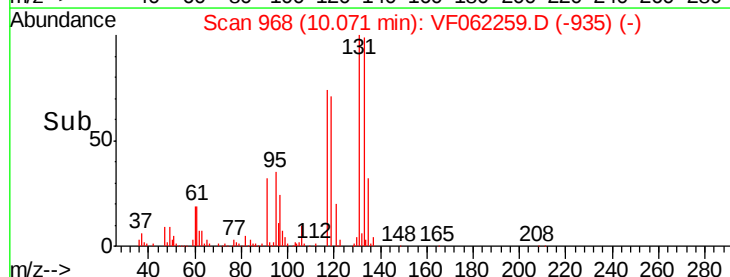
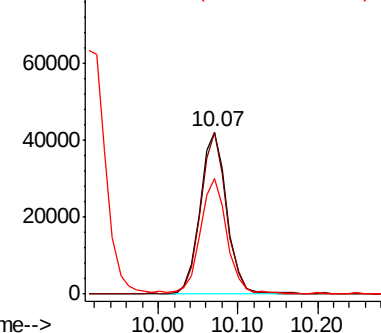
119 70.1 34.6 103.9

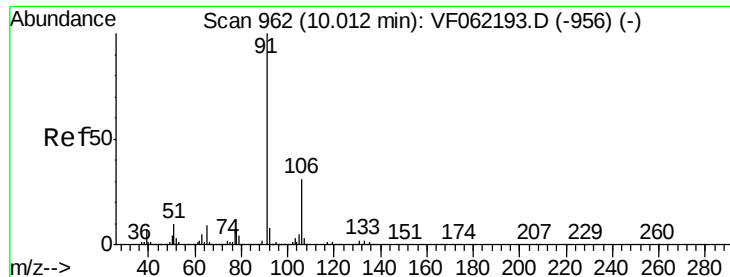


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.654 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.03 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

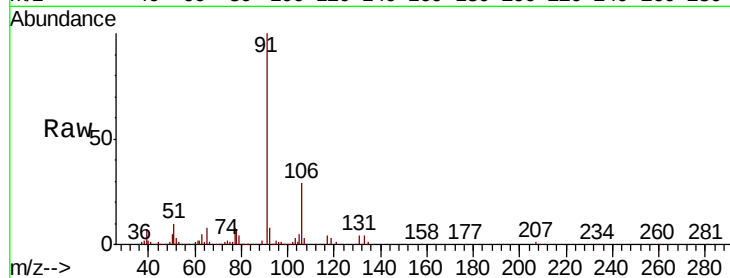
VF0423SBS01

Tgt Ion: 91 Resp: 370969

Ion Ratio Lower Upper

91 100

106 28.9 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

200000

150000

100000

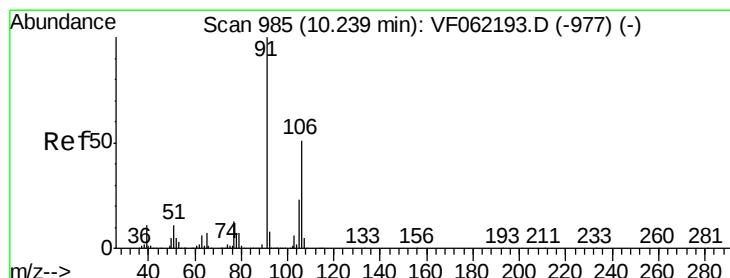
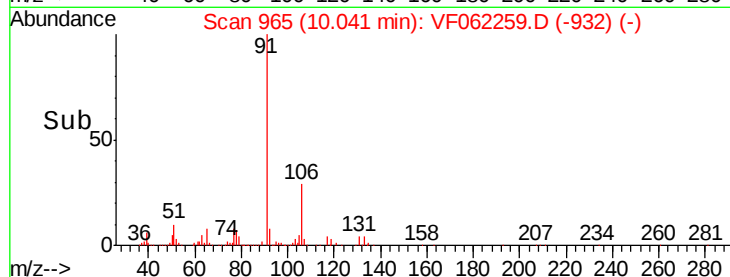
50000

0

Time-->

9.90 10.00 10.10

10.04



#68

m/p-Xylenes

Concen: 45.531 ug/l

RT: 10.27 min Scan# 988

Delta R.T. 0.03 min

Lab File: VF062259.D

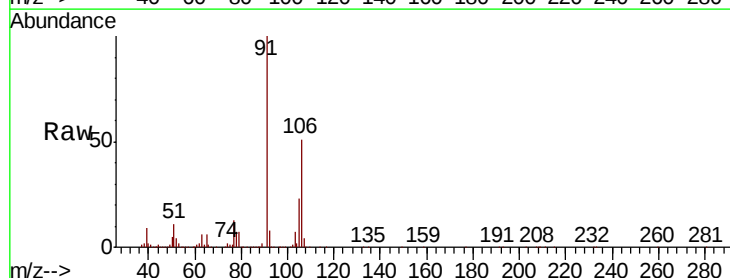
Acq: 23 Apr 2019 13:01

Tgt Ion: 106 Resp: 287138

Ion Ratio Lower Upper

106 100

91 198.8 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

300000

250000

200000

150000

100000

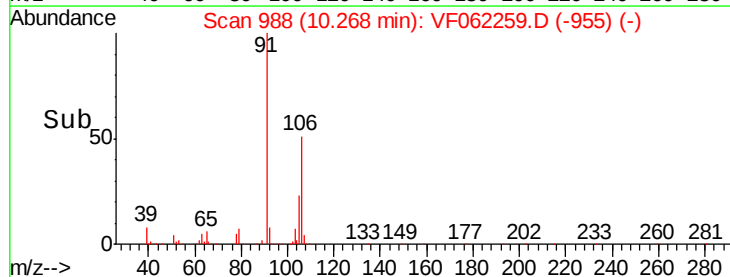
50000

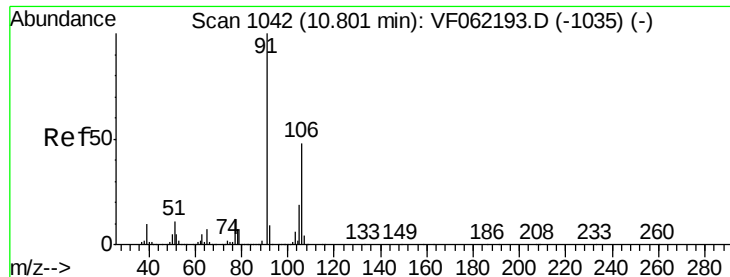
0

Time-->

10.10 10.20 10.30 10.40

10.27

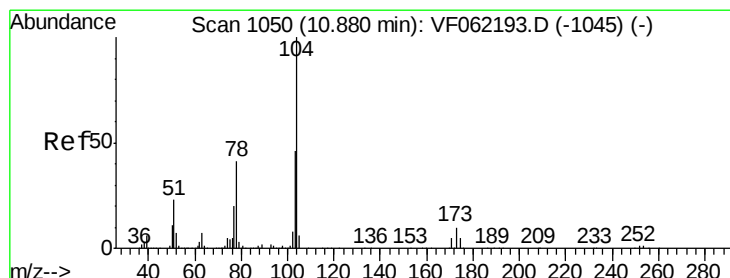
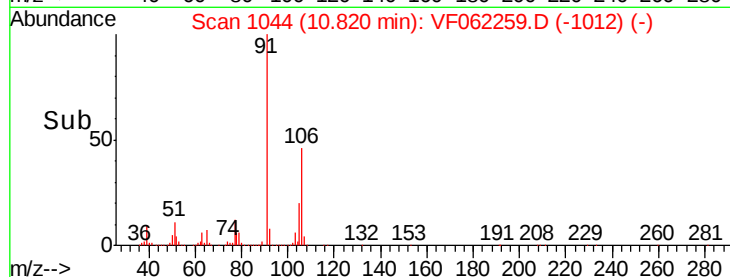
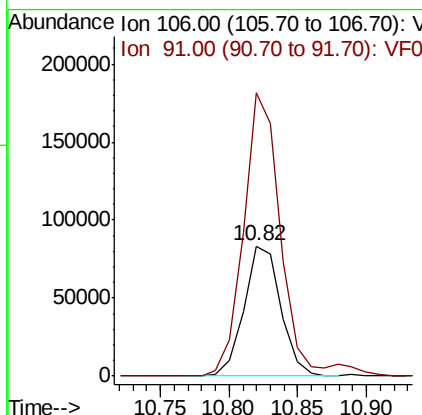
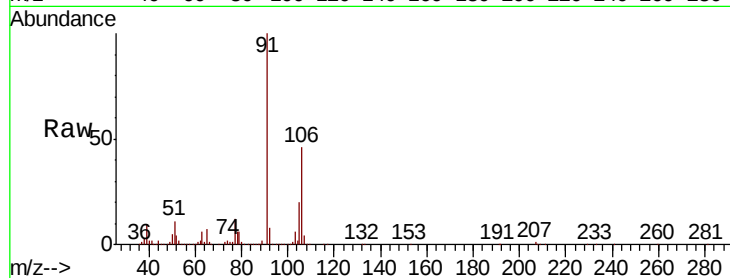




#69
o-Xylene
Concen: 22.295 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

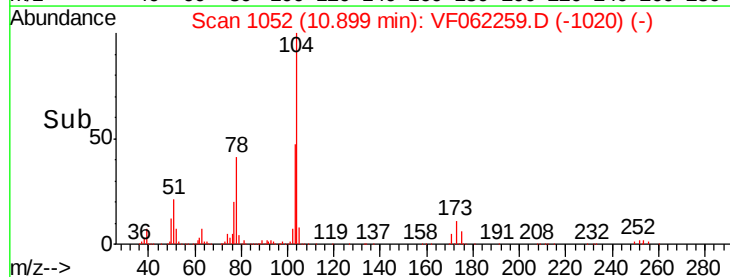
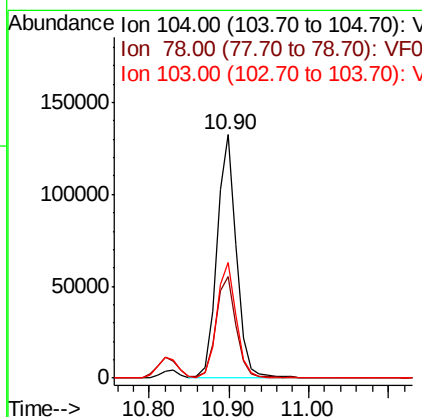
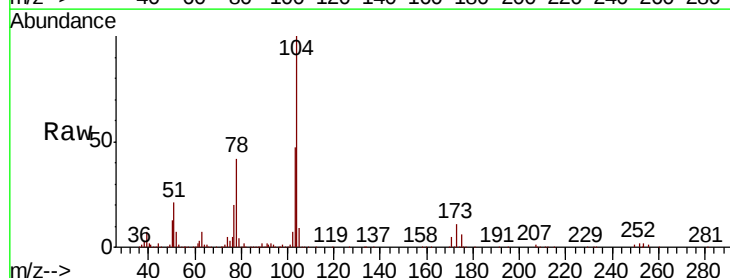
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

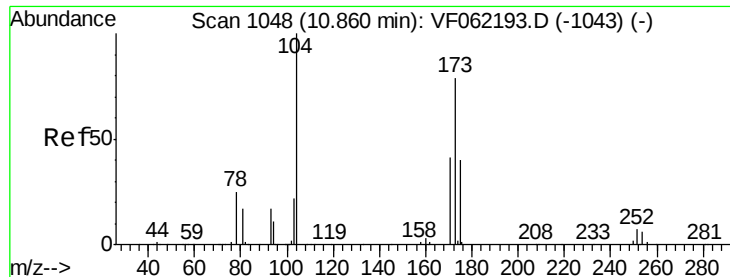
Tgt Ion:106 Resp: 156104
Ion Ratio Lower Upper
106 100
91 214.1 107.5 322.4



#70
Styrene
Concen: 22.906 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion:104 Resp: 226335
Ion Ratio Lower Upper
104 100
78 42.9 34.5 51.7
103 48.1 37.2 55.8





#71

Bromoform

Concen: 24.500 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

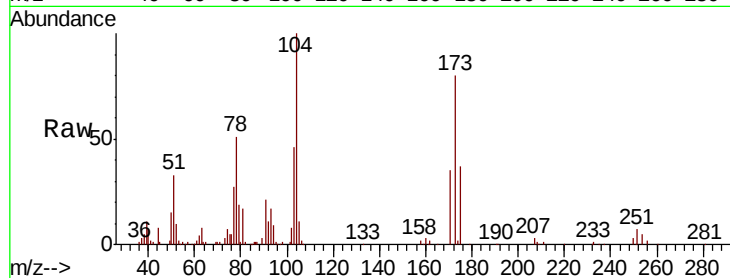
Tgt Ion:173 Resp: 57071

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

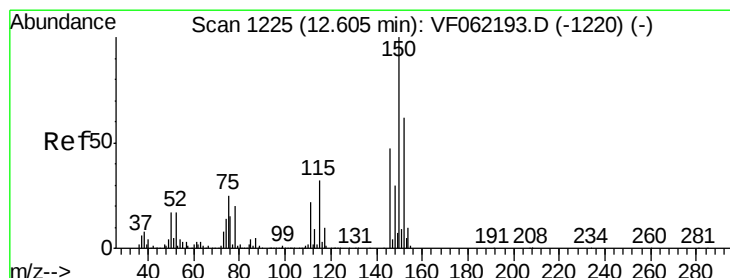
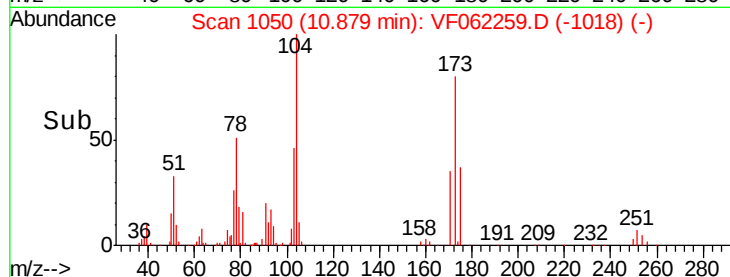
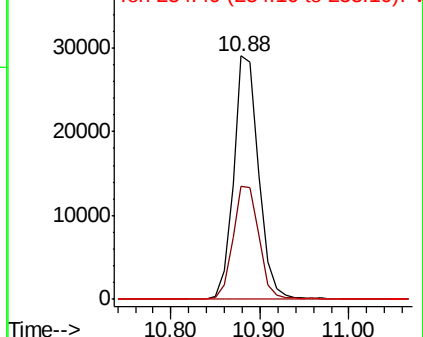
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

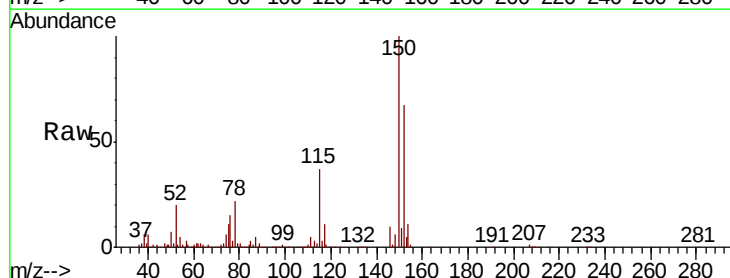
Tgt Ion:152 Resp: 271384

Ion Ratio Lower Upper

152 100

115 52.8 27.8 83.3

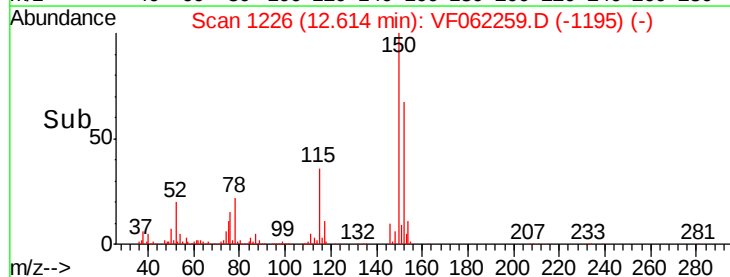
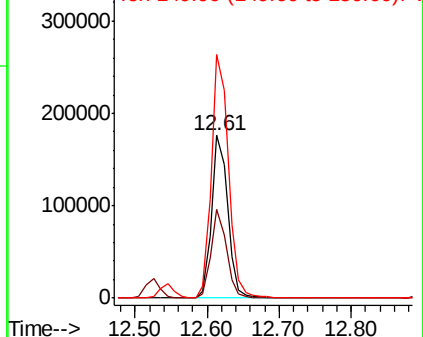
150 157.7 0.0 341.8

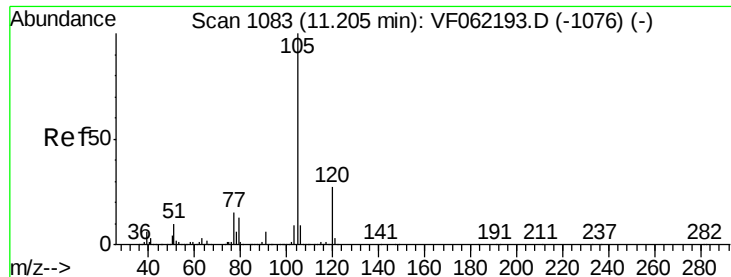


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.144 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

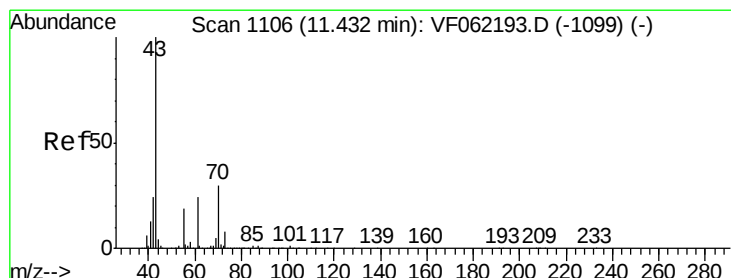
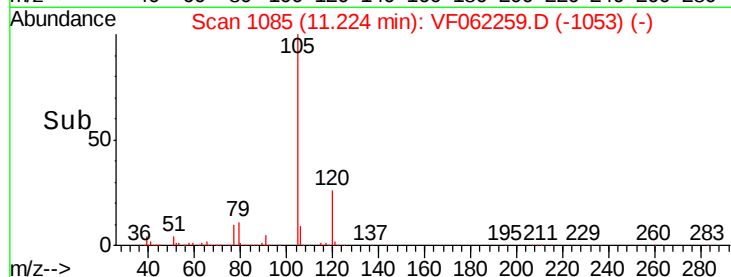
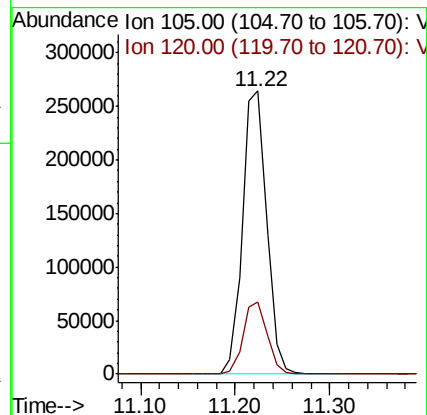
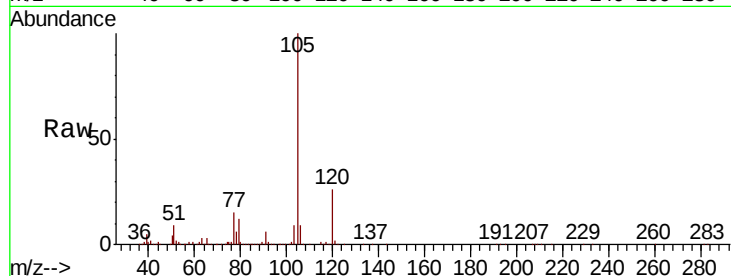
VF0423SBS01

Tgt Ion:105 Resp: 469587

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#74

N-ethyl acetate

Concen: 16.449 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Tgt Ion: 43 Resp: 99135

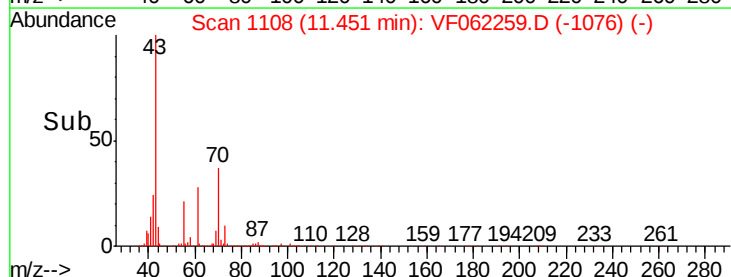
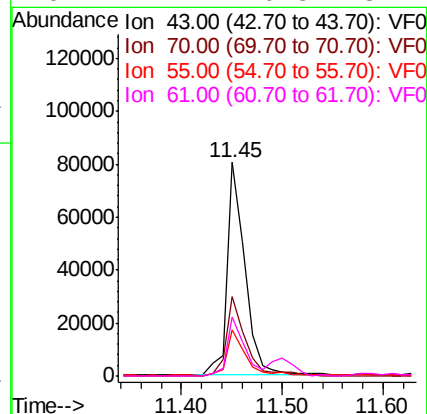
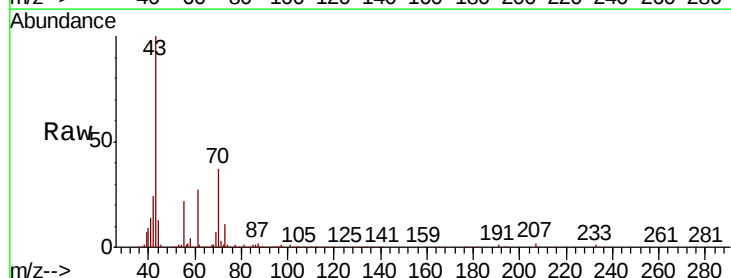
Ion Ratio Lower Upper

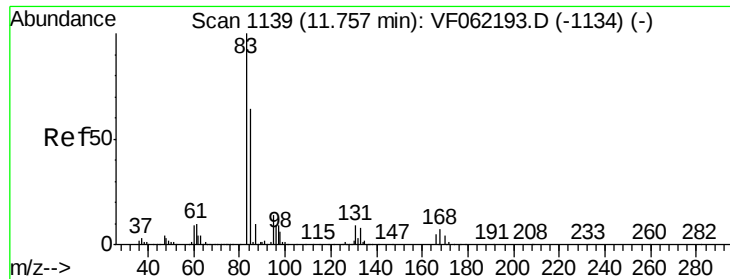
43 100

70 40.8 27.0 40.4#

55 23.5 15.7 23.5

61 27.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.925 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

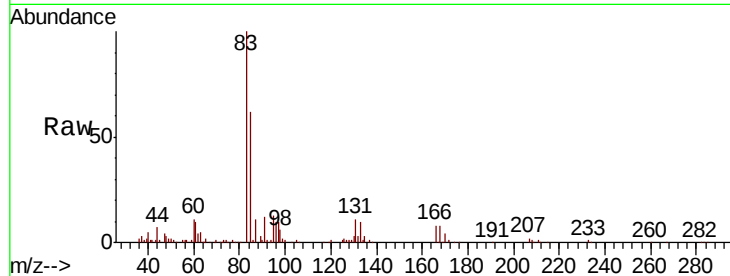
Tgt Ion: 83 Resp: 75872

Ion Ratio Lower Upper

83 100

131 11.2 4.5 13.5

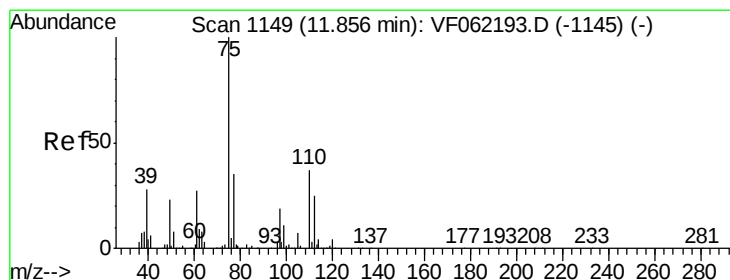
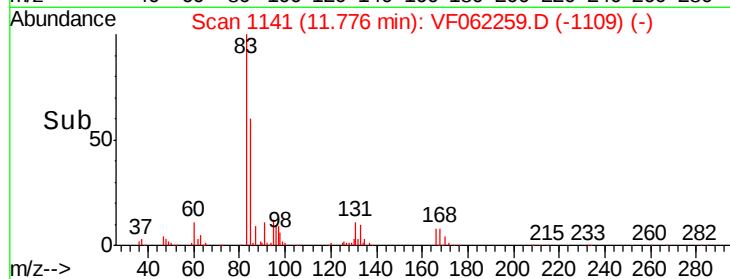
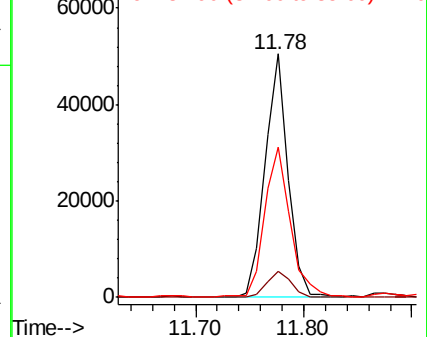
85 69.4 34.7 104.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 18.647 ug/l

RT: 11.87 min Scan# 1151

Delta R.T. 0.02 min

Lab File: VF062259.D

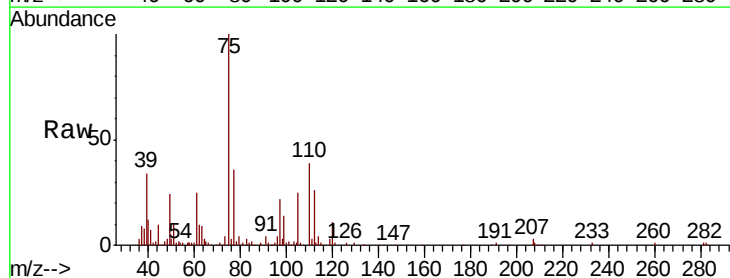
Acq: 23 Apr 2019 13:01

Tgt Ion: 75 Resp: 51433

Ion Ratio Lower Upper

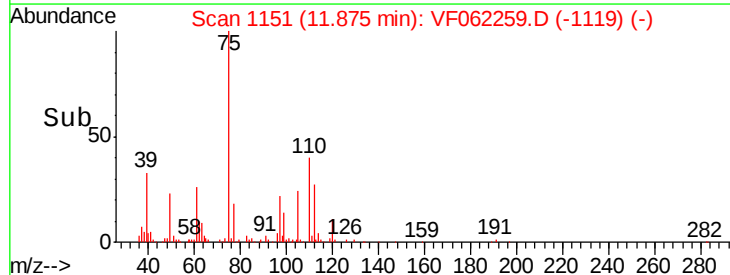
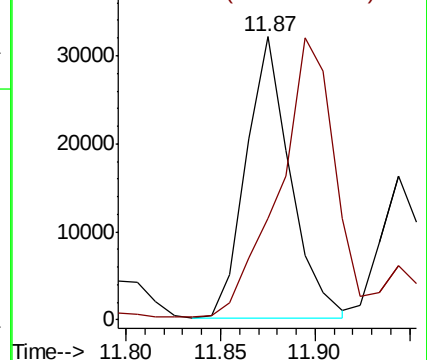
75 100

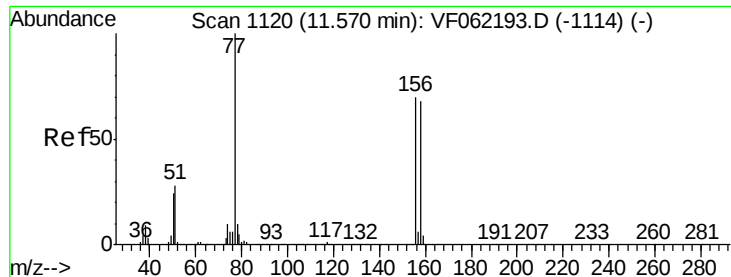
77 128.5 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 22.380 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

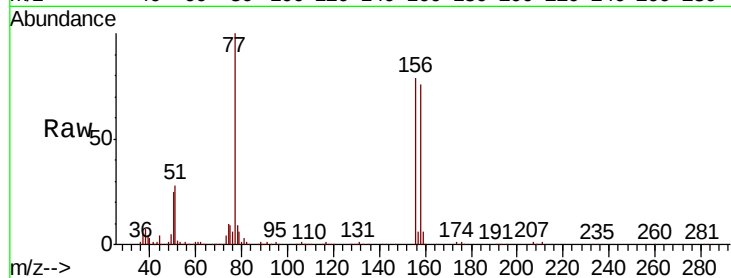
Tgt Ion: 156 Resp: 111765

Ion Ratio Lower Upper

156 100

77 141.9 80.9 242.7

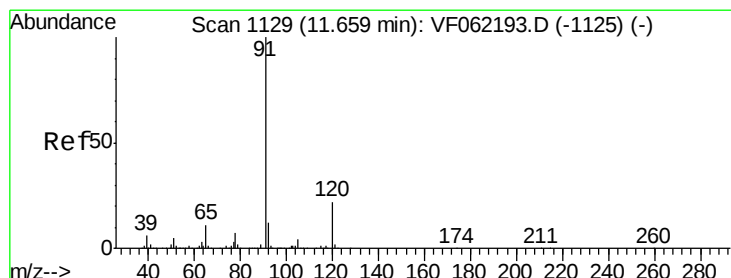
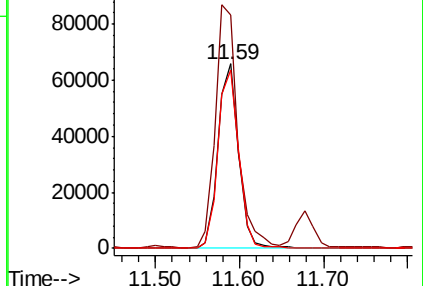
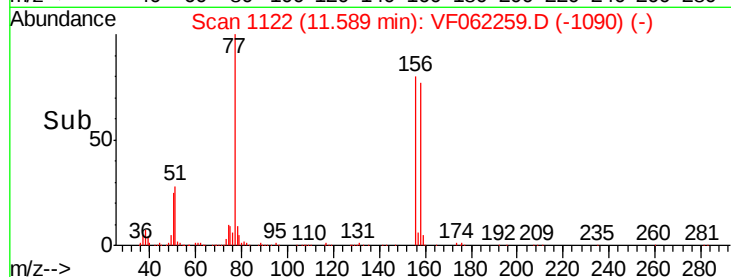
158 98.5 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.904 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF062259.D

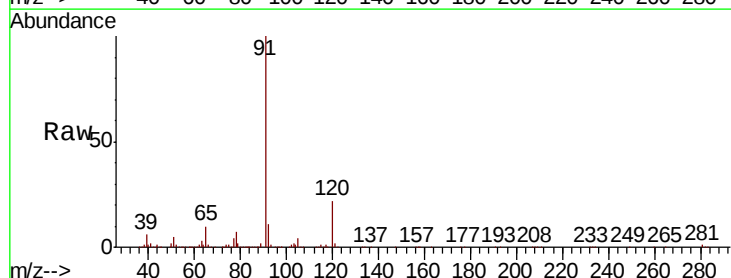
Acq: 23 Apr 2019 13:01

Tgt Ion: 91 Resp: 489474

Ion Ratio Lower Upper

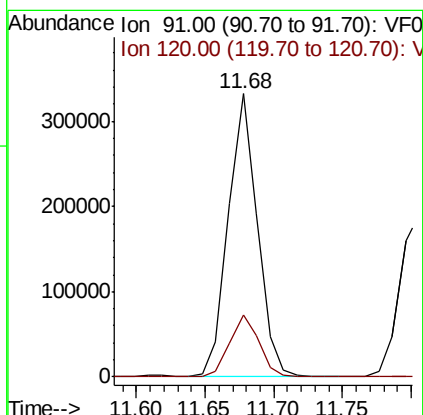
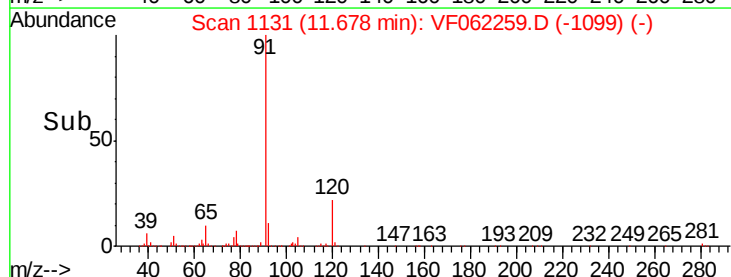
91 100

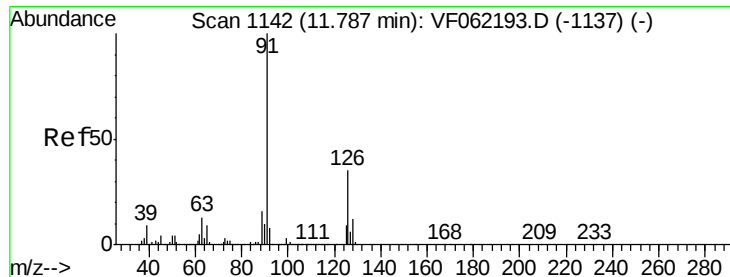
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

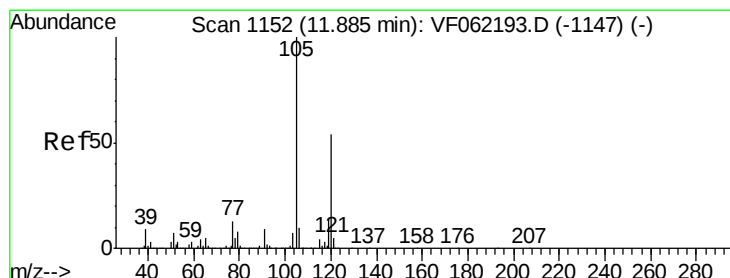
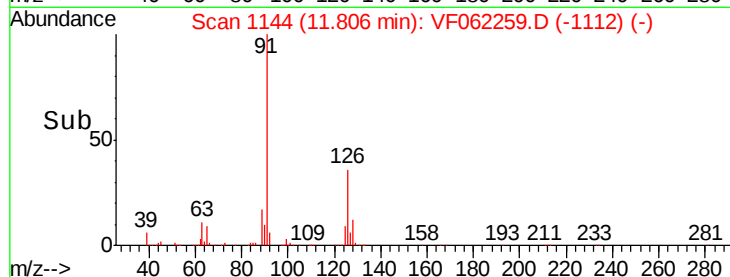
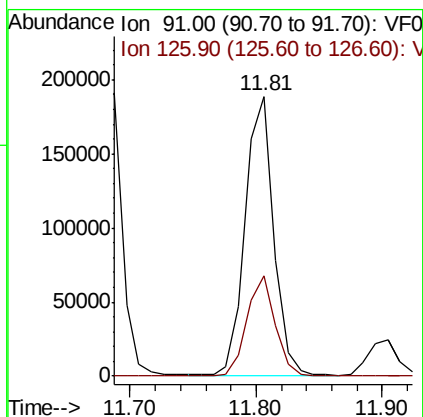
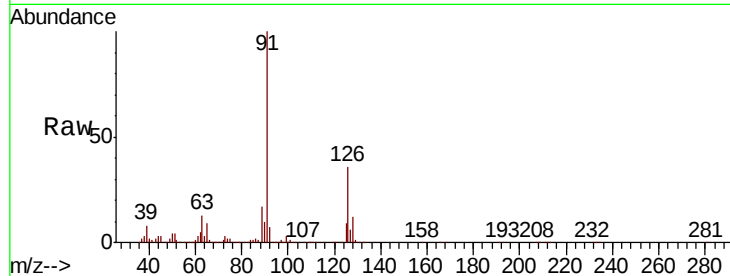




#79
 2-Chlorotoluene
 Concen: 19.837 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

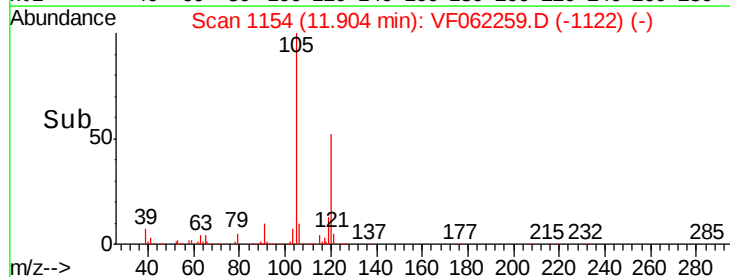
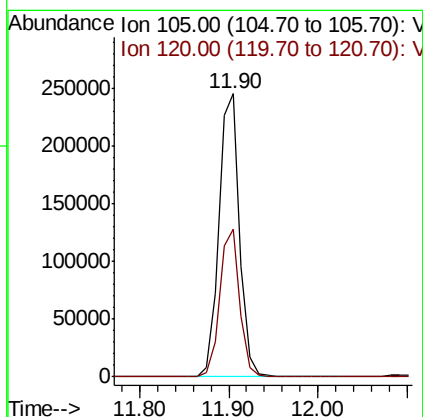
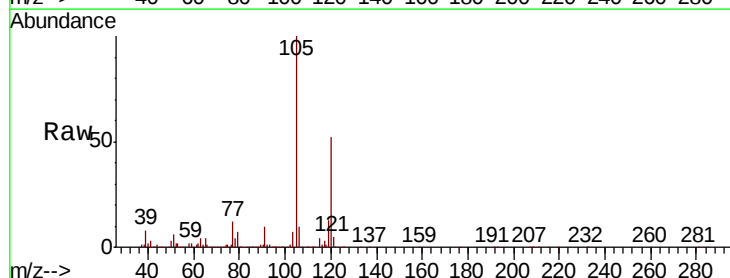
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

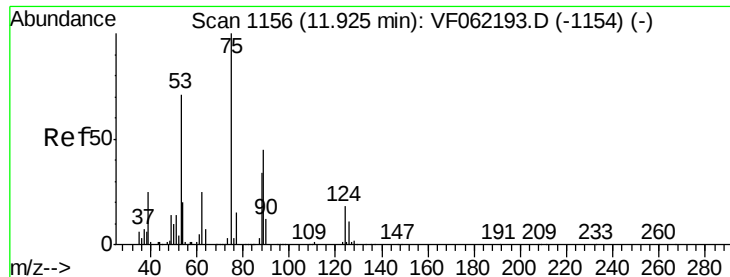
Tgt Ion: 91 Resp: 295917
 Ion Ratio Lower Upper
 91 100
 126 35.7 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.560 ug/l
 RT: 11.90 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion: 105 Resp: 399191
 Ion Ratio Lower Upper
 105 100
 120 50.5 26.2 78.5





#81

trans-1,4-Dichloro-2-butene

Concen: 23.356 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

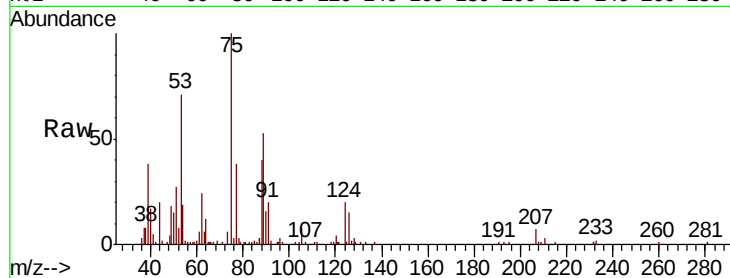
Tgt Ion: 75 Resp: 32855

Ion Ratio Lower Upper

75 100

53 54.3 50.2 75.4

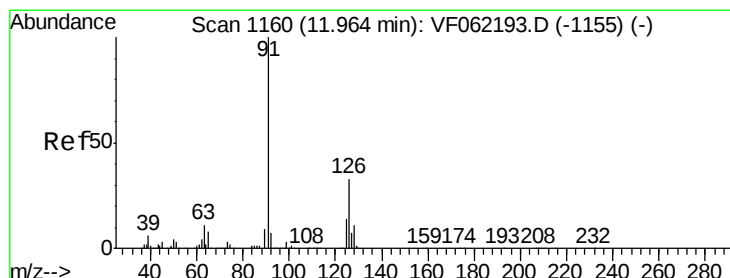
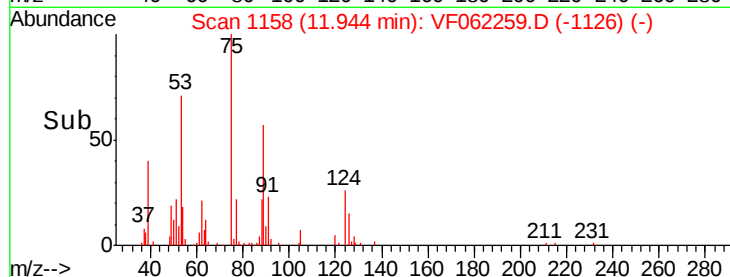
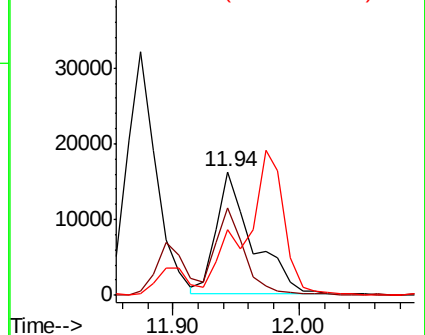
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 20.308 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VF062259.D

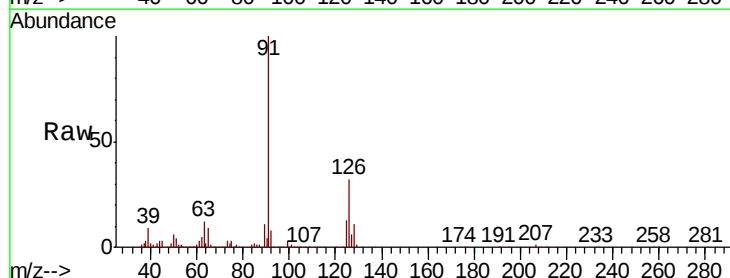
Acq: 23 Apr 2019 13:01

Tgt Ion: 91 Resp: 292780

Ion Ratio Lower Upper

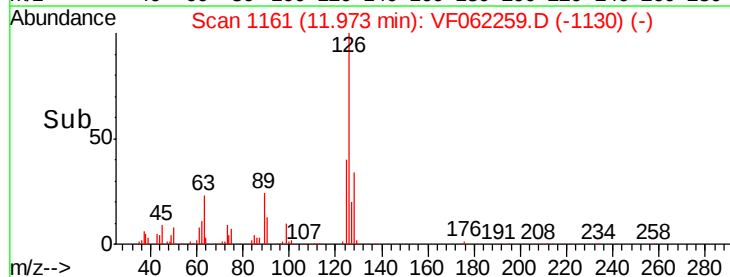
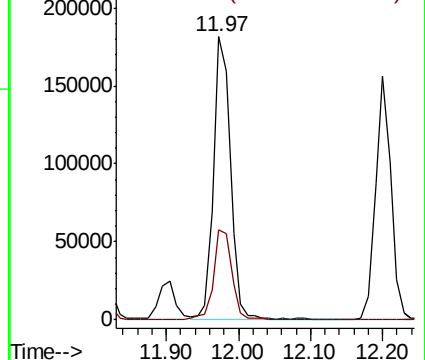
91 100

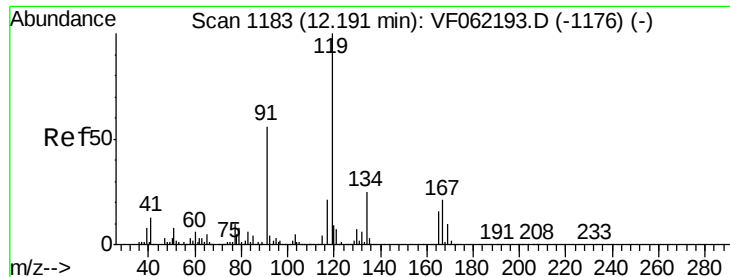
126 34.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

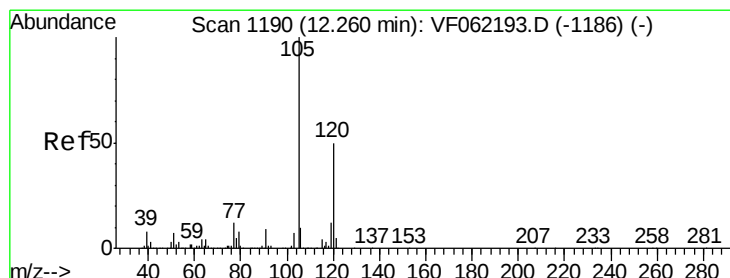
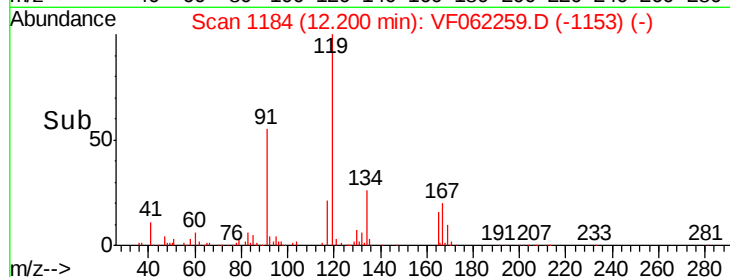
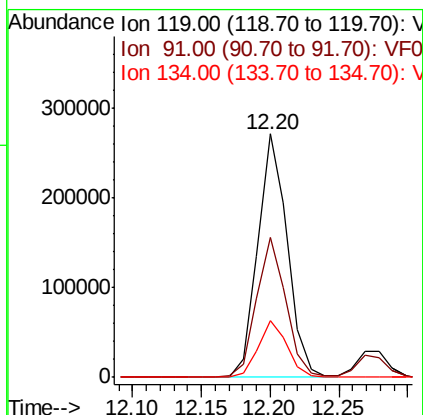
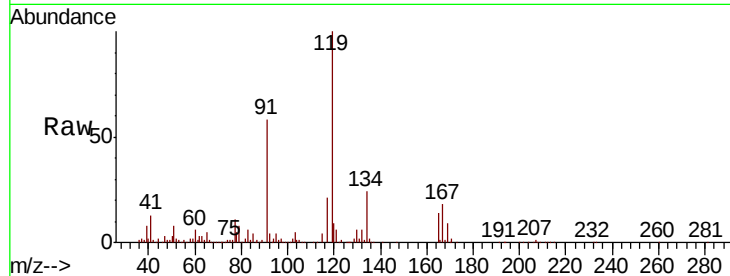




#83
tert-Butylbenzene
Concen: 20.231 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

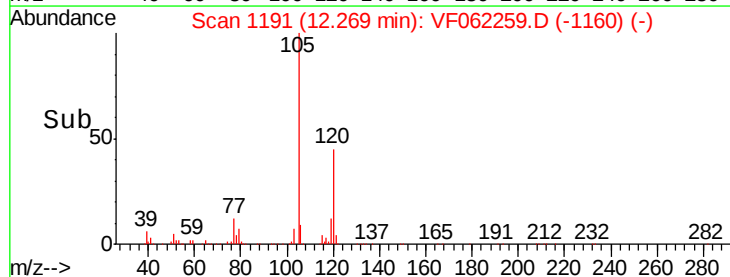
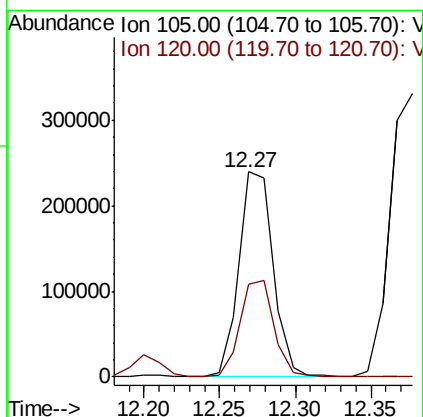
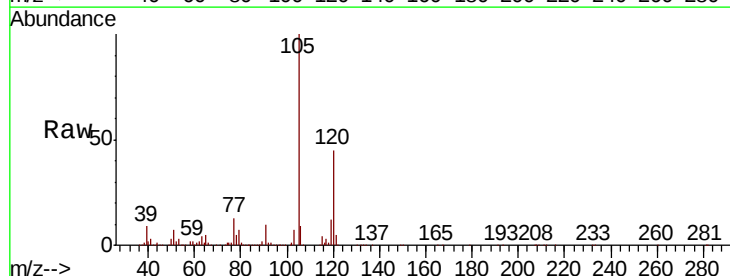
Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

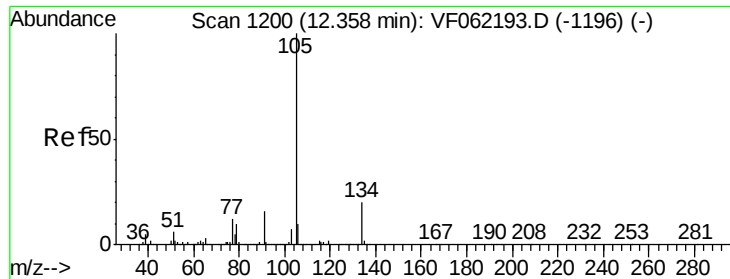
Tgt Ion:119 Resp: 406204
Ion Ratio Lower Upper
119 100
91 56.8 29.4 88.2
134 23.0 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 20.175 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.01 min
Lab File: VF062259.D
Acq: 23 Apr 2019 13:01

Tgt Ion:105 Resp: 379064
Ion Ratio Lower Upper
105 100
120 46.6 24.0 72.0

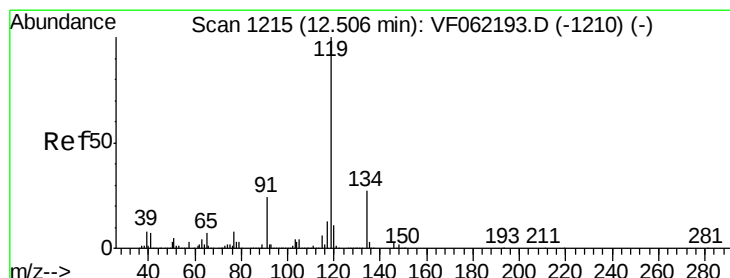
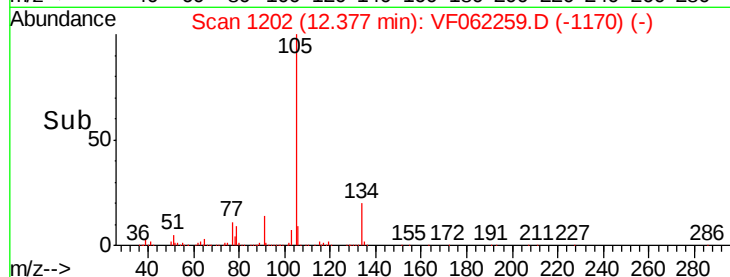
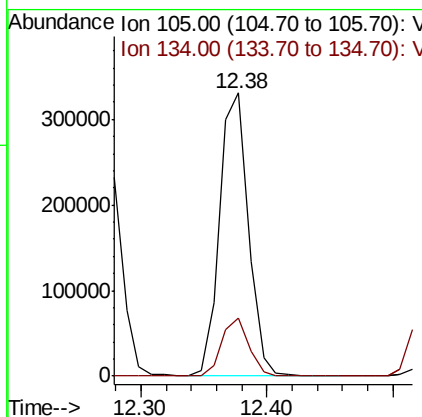
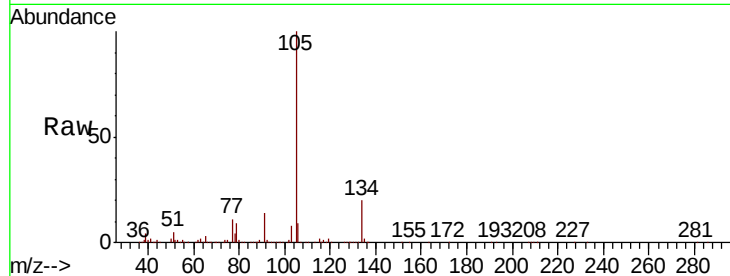




#85
 sec-Butylbenzene
 Concen: 20.089 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

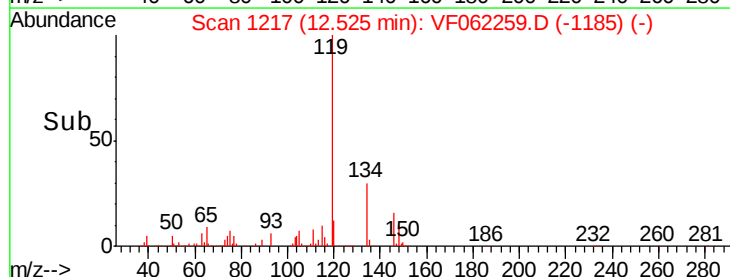
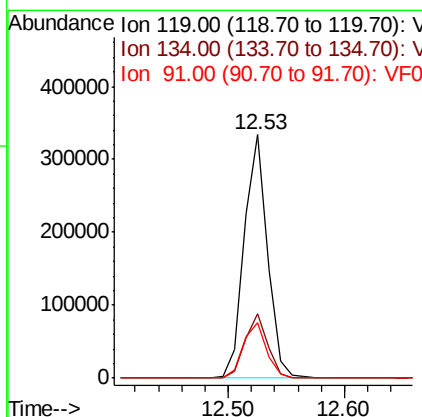
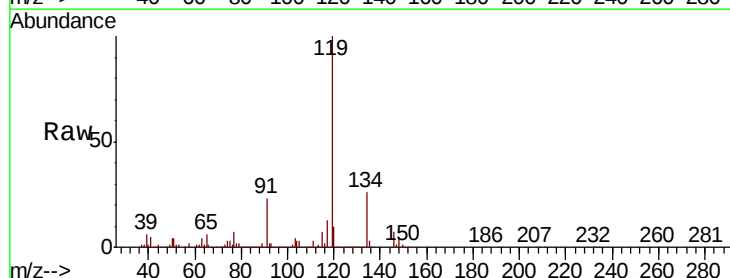
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

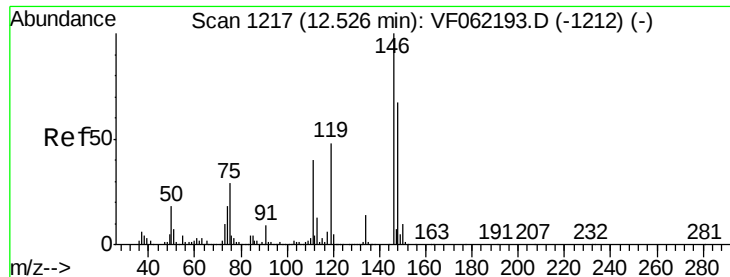
Tgt Ion:105 Resp: 523679
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.877 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion:119 Resp: 461641
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 22.5 11.7 35.1

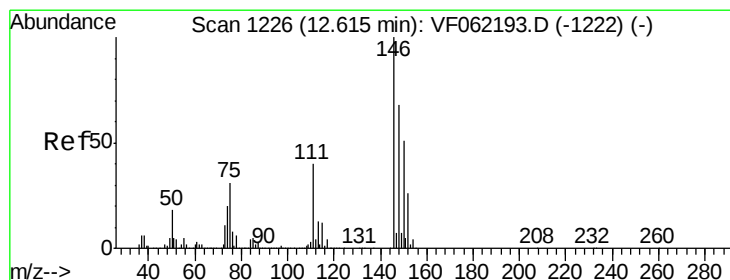
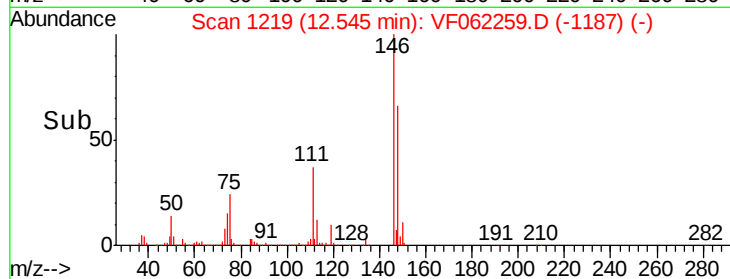
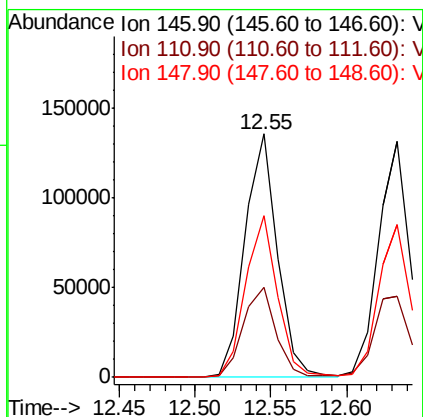
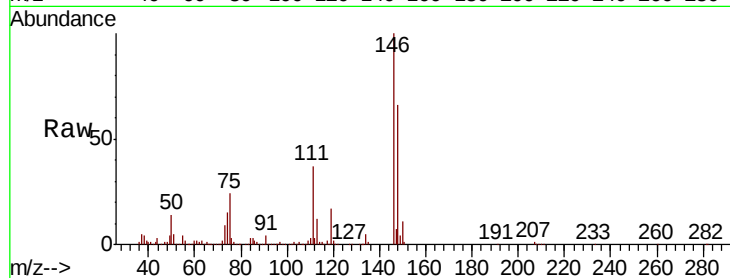




#87
 1,3-Dichlorobenzene
 Concen: 21.924 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

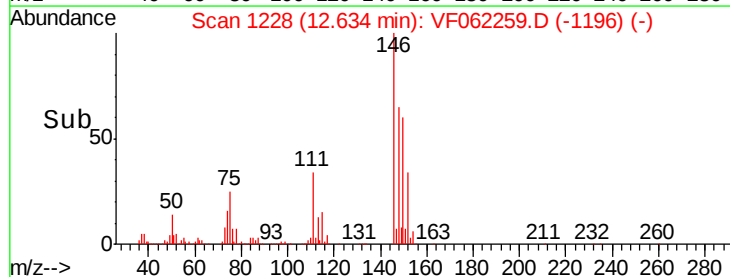
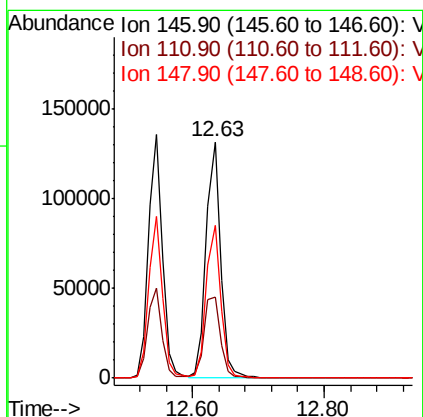
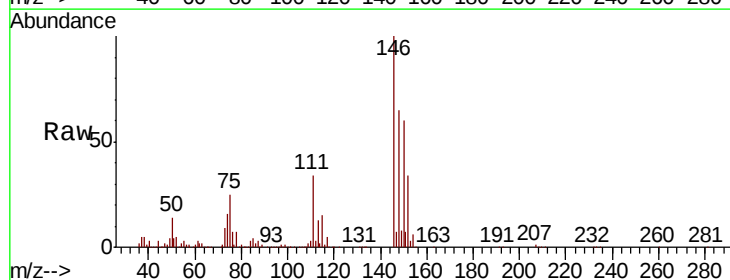
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

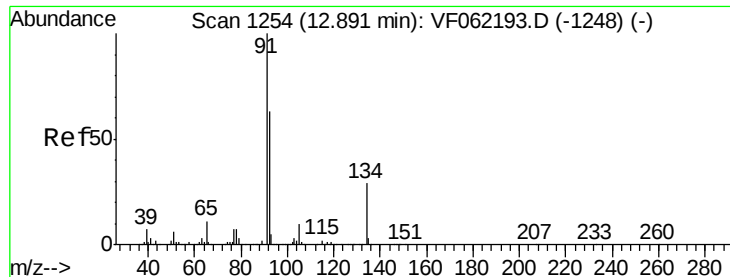
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.7	59.0
148	65.4	32.9	98.6



#88
 1,4-Dichlorobenzene
 Concen: 21.945 ug/l
 RT: 12.63 min Scan# 1228
 Delta R.T. 0.02 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	60.0
148	64.7	33.6	100.8





#89

n-Butylbenzene

Concen: 20.924 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

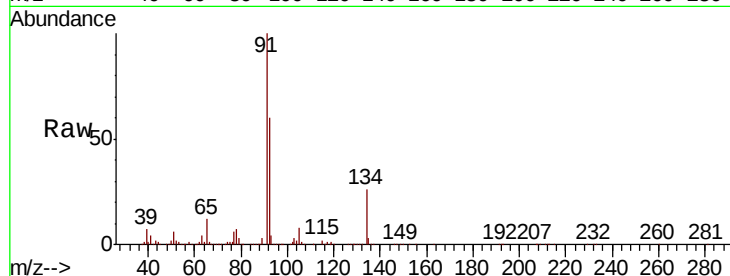
Tgt Ion: 91 Resp: 435398

Ion Ratio Lower Upper

91 100

92 59.7 31.2 93.6

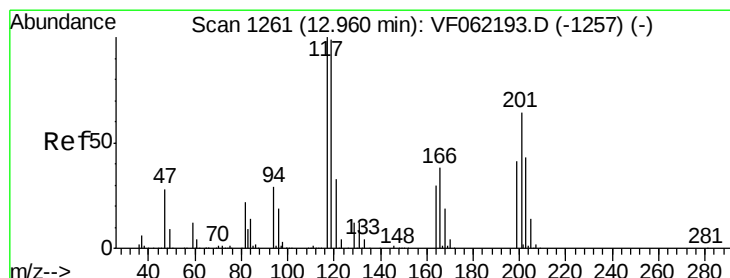
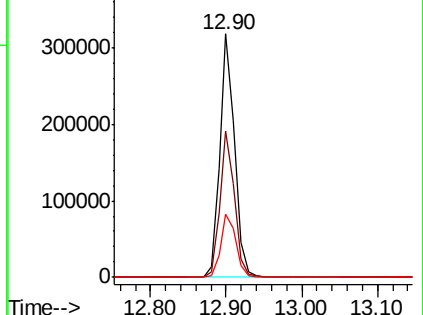
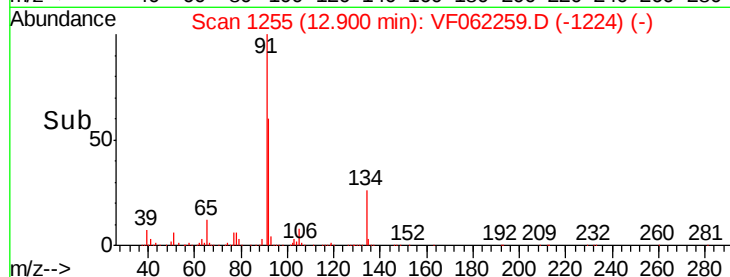
134 26.8 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.881 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VF062259.D

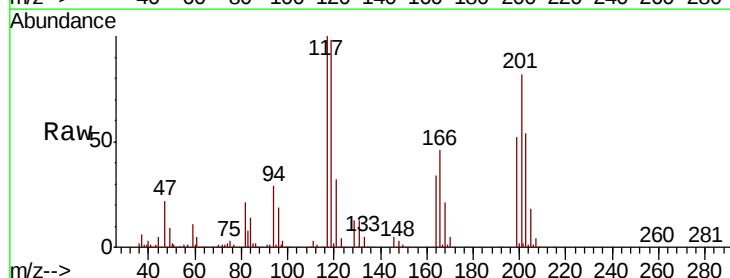
Acq: 23 Apr 2019 13:01

Tgt Ion: 117 Resp: 112891

Ion Ratio Lower Upper

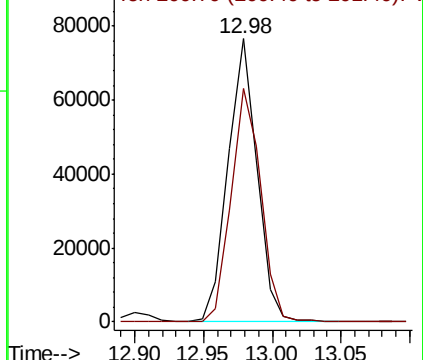
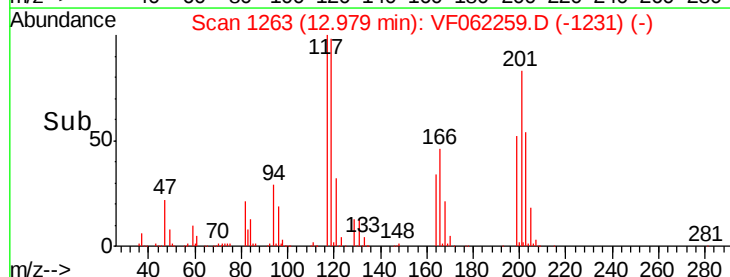
117 100

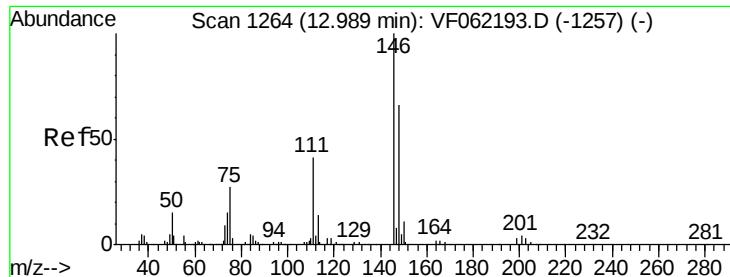
201 84.1 37.7 113.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.941 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

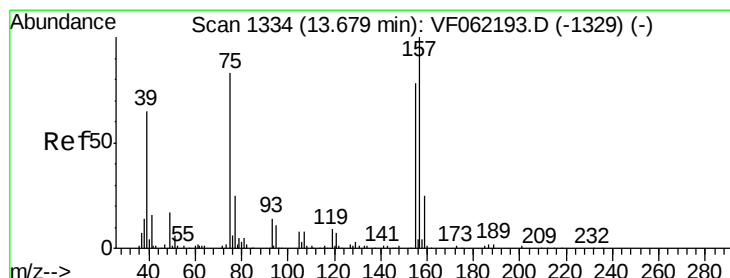
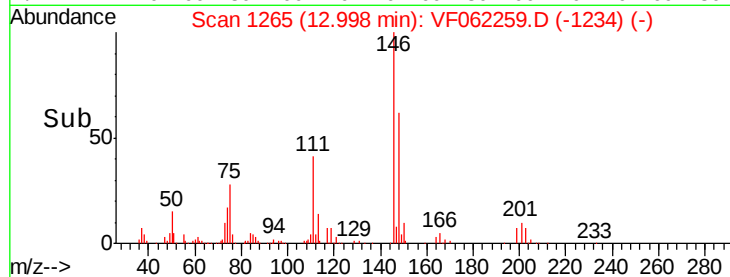
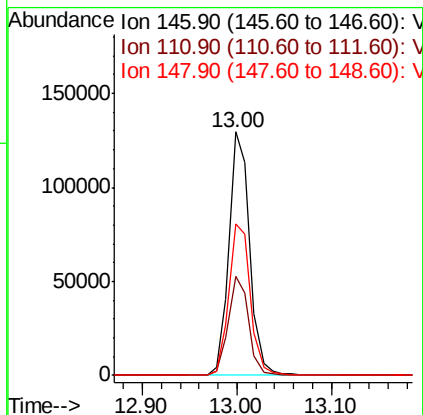
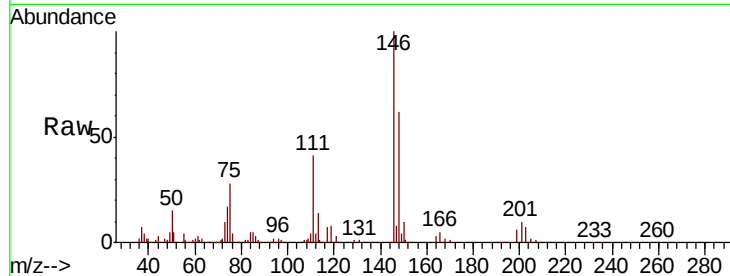
Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

Tgt Ion:	146	Resp:	196334
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.5
148	64.9	33.0	99.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.204 ug/l

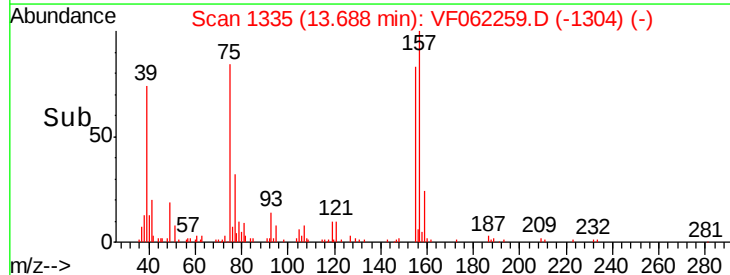
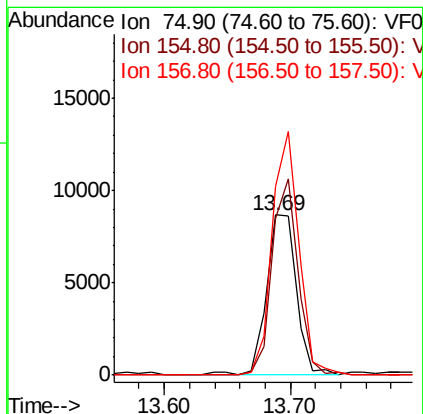
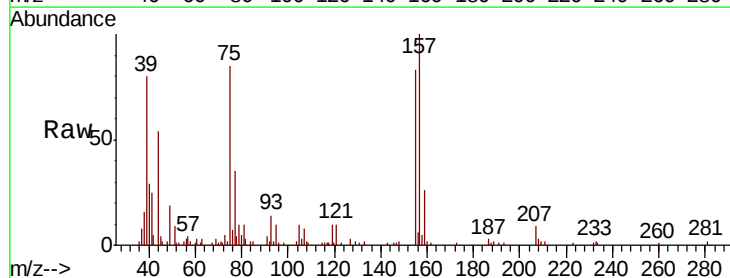
RT: 13.69 min Scan# 1335

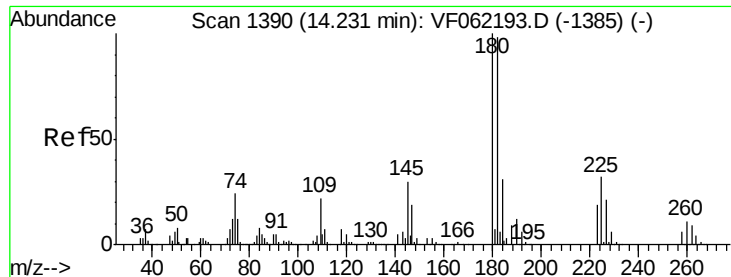
Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Tgt Ion:	75	Resp:	14339
Ion	Ratio	Lower	Upper
75	100		
155	107.0	47.6	142.8
157	135.2	61.3	183.9

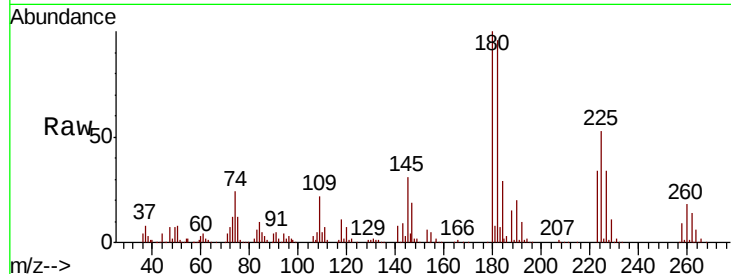




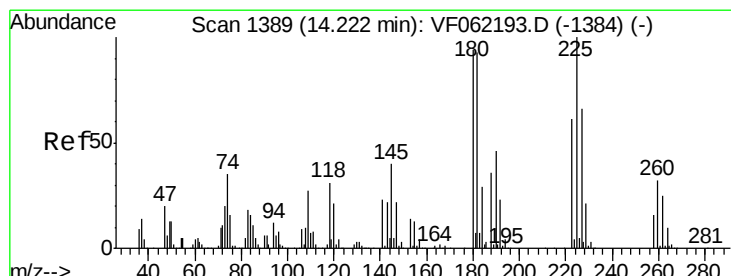
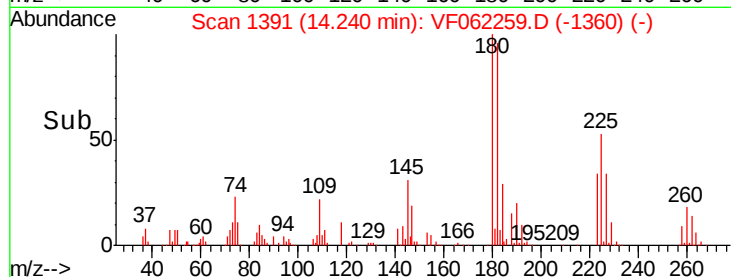
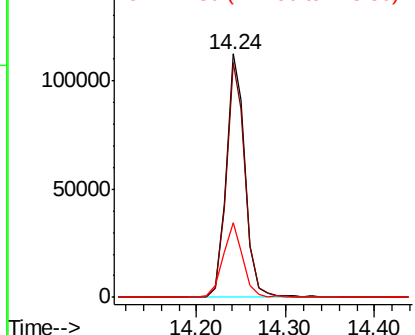
#93
 1,2,4-Trichlorobenzene
 Concen: 22.499 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

Tgt Ion:180 Resp: 168451
 Ion Ratio Lower Upper
 180 100
 182 96.7 49.3 147.9
 145 32.4 18.1 54.4

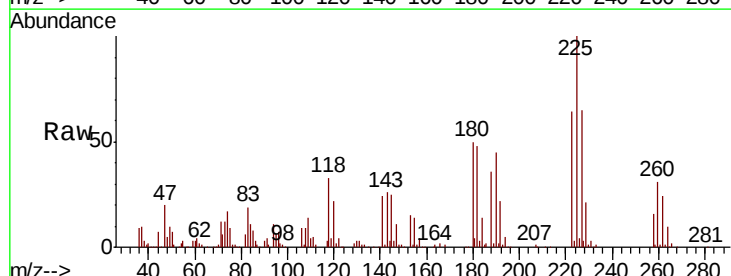


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

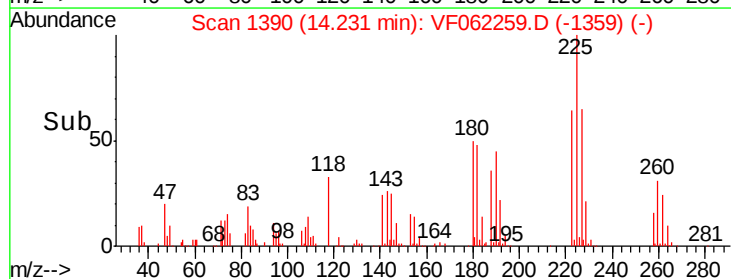
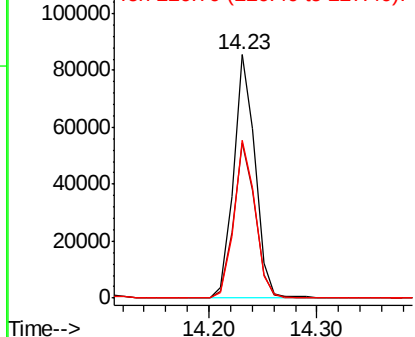


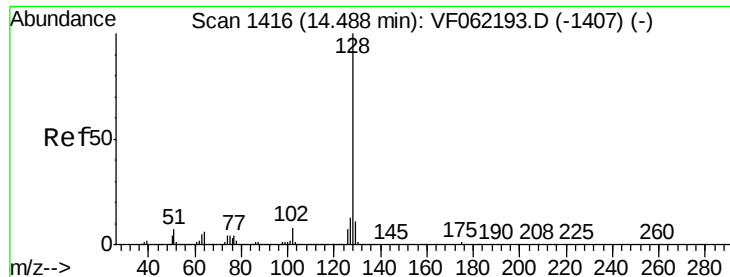
#94
 Hexachlorobutadiene
 Concen: 23.101 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VF062259.D
 Acq: 23 Apr 2019 13:01

Tgt Ion:225 Resp: 118593
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 64.0 32.4 97.0



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





#95

Naphthalene

Concen: 19.373 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

Instrument :

MSVOA_F

ClientSampleId :

VF0423SBS01

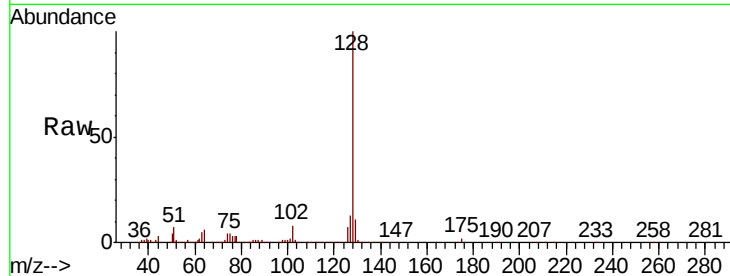
Tgt Ion:128 Resp: 253614

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

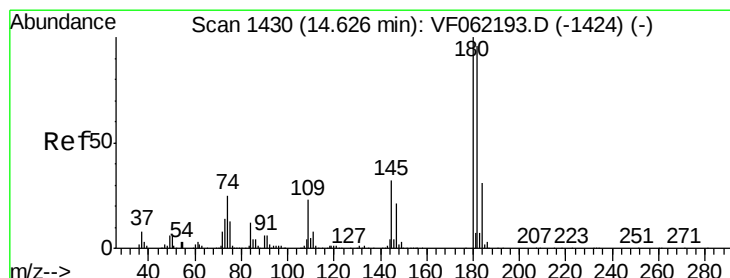
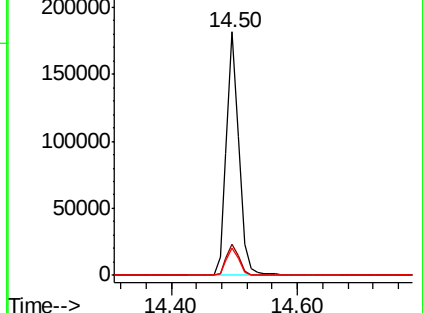
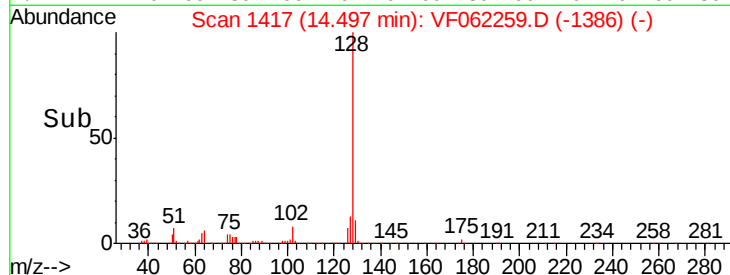
129 11.6 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.704 ug/l

RT: 14.64 min Scan# 1432

Delta R.T. 0.02 min

Lab File: VF062259.D

Acq: 23 Apr 2019 13:01

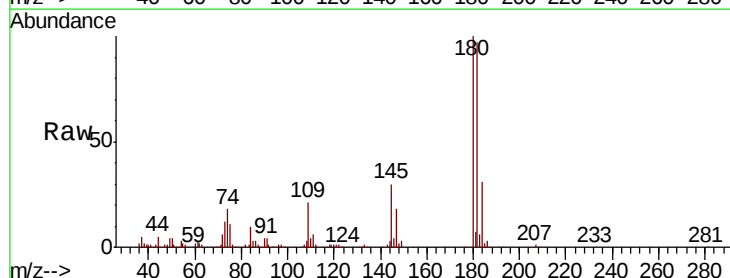
Tgt Ion:180 Resp: 163190

Ion Ratio Lower Upper

180 100

182 96.8 48.4 145.3

145 29.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

