

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062260.D
 Acq On : 23 Apr 2019 13:30
 Operator : FY/SY
 Sample : K2202-03
 Misc : 7.02g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

Quant Time: Apr 24 07:59:13 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	5.04	168	465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.53	114	61	50.00	ug/l	-0.24
63) Chlorobenzene-d5	9.48	117	76	50.00	ug/l	-0.41
72) 1,4-Dichlorobenzene-d4	12.63	152	81	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	236	55.35	ug/l	0.06
Spiked Amount				50.000		
			Recovery	=	110.70%	
35) Dibromofluoromethane	3.97	113	66	123.69	ug/l	-0.33
Spiked Amount				50.000		
			Recovery	=	247.38%	
50) Toluene-d8	7.35	98	66	48.86	ug/l	-0.35
Spiked Amount				50.000		
			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.01	95	328	631.24	ug/l	-0.47
Spiked Amount				50.000		
			Recovery	=	1262.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	72	10.189	ug/l #	42
3) Chloromethane	1.18	50	406	55.586	ug/l #	41
4) Vinyl Chloride	1.24	62	88	14.024	ug/l #	42
5) Bromomethane	1.36	94	302	82.845	ug/l #	35
6) Chloroethane	1.44	64	73	27.828	ug/l #	41
7) Trichlorofluoromethane	1.57	101	61	7.652	ug/l #	20
8) Diethyl Ether	1.75	74	60	36.162	ug/l #	1
11) Tert butyl alcohol	2.71	59	103	347.524	ug/l #	70
12) 1,1-Dichloroethene	1.85	96	416	80.310	ug/l #	1
13) Acrolein	2.10	56	96	654.011	ug/l #	1
14) Allyl chloride	2.19	41	228	38.354	ug/l #	1
15) Acrylonitrile	3.06	53	323	357.811	ug/l #	22
16) Acetone	2.36	43	906	888.966	ug/l #	52
17) Carbon Disulfide	1.95	76	73	5.072	ug/l #	1
18) Methyl Acetate	2.46	43	282	138.814	ug/l #	86
19) Methyl tert-butyl Ether	2.52	73	1119	122.354	ug/l #	1
20) Methylene Chloride	2.42	84	75	9.971	ug/l #	1
21) trans-1,2-Dichloroethene	2.43	96	515	100.537	ug/l #	1
22) Diisopropyl ether	2.95	45	199	13.087	ug/l #	65
23) Vinyl Acetate	3.34	43	999	137.888	ug/l #	79
24) 1,1-Dichloroethane	2.98	63	66	7.934	ug/l #	88
25) 2-Butanone	4.53	43	736	361.164	ug/l #	56
26) 2,2-Dichloropropane	3.74	77	357	85.006	ug/l	89
27) cis-1,2-Dichloroethene	3.59	96	218	32.863	ug/l	33
28) Bromochloromethane	3.96	49	99	24.845	ug/l #	8
29) Tetrahydrofuran	4.25	42	387	419.555	ug/l #	64
30) Chloroform	4.09	83	104	10.173	ug/l	91
31) Cyclohexane	3.86	56	337	33.806	ug/l #	22
32) 1,1,1-Trichloroethane	4.25	97	63	8.419	ug/l #	17
36) 1,1-Dichloropropene	4.26	75	61	83.407	ug/l #	1
37) Ethyl Acetate	4.06	43	1403	4065.331	ug/l #	74
38) Carbon Tetrachloride	4.00	117	80	123.580	ug/l #	13
39) Methylcyclohexane	5.38	83	61	69.662	ug/l #	56
40) Benzene	4.61	78	158	82.364	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062260.D
 Acq On : 23 Apr 2019 13:30
 Operator : FY/SY
 Sample : K2202-03
 Misc : 7.02g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 SA-06-041819-B

Quant Time: Apr 24 07:59:13 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)

41) Methacrylonitrile	4.68	41	2618	13151.164	ug/l #	42
42) 1,2-Dichloroethane	4.85	62	74	145.918	ug/l #	74
43) Isopropyl Acetate	6.74	43	675	1859.636	ug/l #	45
44) Trichloroethene	5.60	130	69	133.111	ug/l	2
45) 1,2-Dichloropropane	6.20	63	60	141.993	ug/l #	42
46) Dibromomethane	5.85	93	92	327.244	ug/l #	3
47) Bromodichloromethane	6.19	83	130	204.911	ug/l #	24
48) Methyl methacrylate	6.60	41	96	402.446	ug/l #	1
49) 1,4-Dioxane	6.63	88	61	22297.799	ug/l #	25
51) 4-Methyl-2-Pentanone	8.03	43	1935	7167.356	ug/l #	49
52) Toluene	7.21	92	135	133.506	ug/l	94
53) t-1,3-Dichloropropene	8.05	75	153	321.088	ug/l #	1
54) cis-1,3-Dichloropropene	7.11	75	73	113.258	ug/l #	1
55) 1,1,2-Trichloroethane	8.28	97	61	215.338	ug/l #	15
56) Ethyl methacrylate	8.40	69	191	593.038	ug/l #	1
57) 1,3-Dichloropropane	8.52	76	89	194.567	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.12	63	60	641.657	ug/l #	48
59) 2-Hexanone	9.00	43	690	4096.349	ug/l	90
60) Dibromochloromethane	8.41	129	63	149.542	ug/l #	10
61) 1,2-Dibromoethane	8.67	107	123	385.405	ug/l #	60
65) Chlorobenzene	10.07	112	66	40.727	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.25	131	82	108.052	ug/l #	1
67) Ethyl Benzene	10.00	91	548	185.967	ug/l #	44
68) m/p-Xylenes	10.30	106	132	121.684	ug/l #	1
69) o-Xylene	10.94	106	70	58.120	ug/l #	1
70) Styrene	10.88	104	60	35.301	ug/l #	1
73) Isopropylbenzene	11.21	105	331	47.572	ug/l #	49
74) N-amyl acetate	11.45	43	2213	1399.806	ug/l #	58
75) 1,1,1,2-Tetrachloroethane	11.78	83	69	57.663	ug/l #	1
76) 1,2,3-Trichloropropane	11.90	75	158	191.919	ug/l #	64
78) n-propylbenzene	11.46	91	358	48.774	ug/l	94
79) 2-Chlorotoluene	11.80	91	692	155.420	ug/l #	58
80) 1,3,5-Trimethylbenzene	11.99	105	141	24.331	ug/l	88
81) trans-1,4-Dichloro-2-buten	11.90	75	158	376.312	ug/l #	19
82) 4-Chlorotoluene	11.97	91	561	130.375	ug/l #	41
83) tert-Butylbenzene	12.21	119	351	58.569	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.26	105	140	24.965	ug/l #	29
85) sec-Butylbenzene	12.10	105	287	36.888	ug/l	86
86) p-Isopropyltoluene	12.55	119	326	49.395	ug/l #	71
87) 1,3-Dichlorobenzene	12.50	146	76	27.477	ug/l #	14
88) 1,4-Dichlorobenzene	12.66	146	100	37.482	ug/l #	28
89) n-Butylbenzene	12.90	91	358	67.805	ug/l #	39
90) Hexachloroethane	12.94	117	67	39.533	ug/l #	12
91) 1,2-Dichlorobenzene	13.00	146	61	22.840	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.68	75	348	1480.219	ug/l #	1
94) Hexachlorobutadiene	14.21	225	66	43.074	ug/l #	19
95) Naphthalene	14.47	128	456	116.706	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.87	180	72	33.562	ug/l #	12

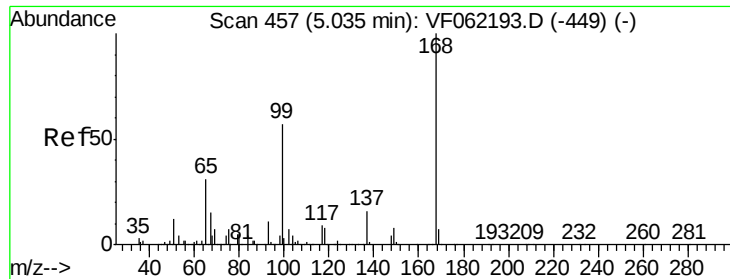
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
Data File : VF062260.D
Acq On : 23 Apr 2019 13:30
Operator : FY/SY
Sample : K2202-03
Misc : 7.02g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

Quant Time: Apr 24 07:59:13 2019
Quant Method : Z:\V0ASRV\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)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

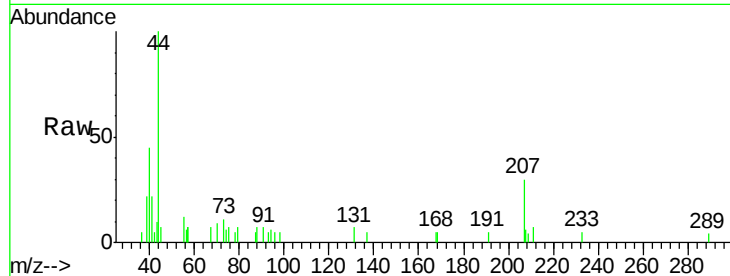
SA-06-041819-B

Tot Ion:168 Resp: 465

Ion Ratio Lower Upper

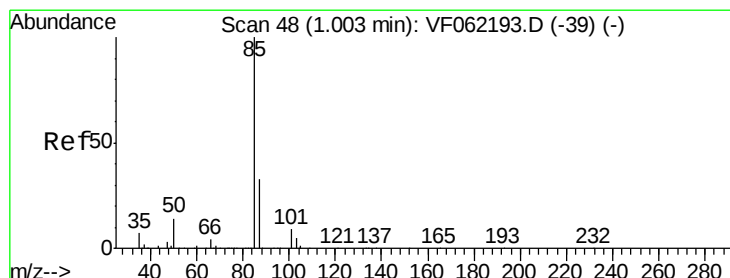
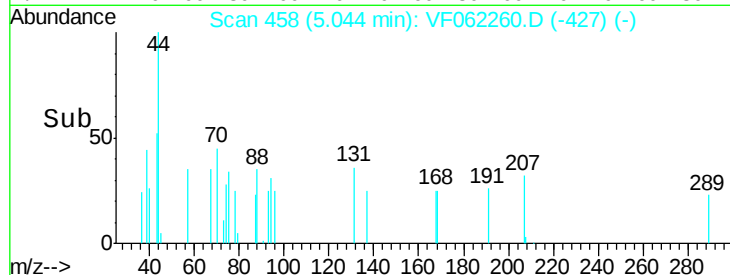
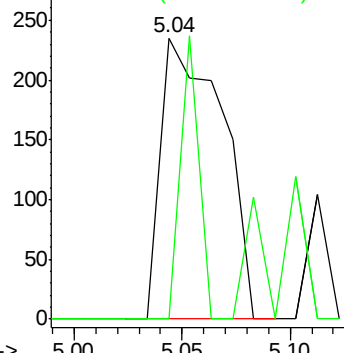
168 100

99 0.0 45.5 68.3#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#2

Dichlorodifluoromethane

Concen: 10.189 ug/l

RT: 0.97 min Scan# 45

Delta R.T. -0.03 min

Lab File: VF062260.D

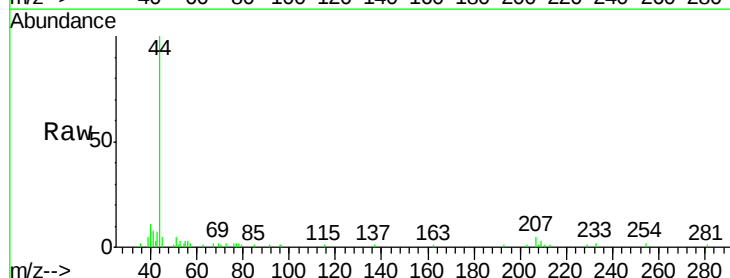
Acq: 23 Apr 2019 13:30

Tgt Ion: 85 Resp: 72

Ion Ratio Lower Upper

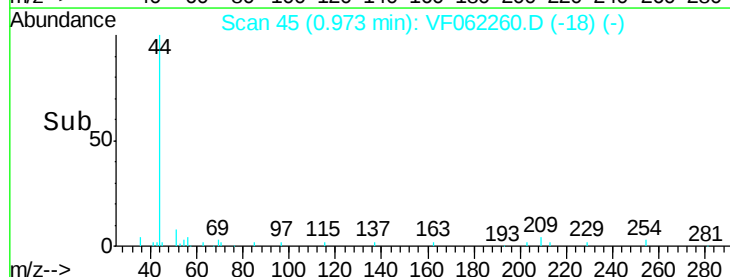
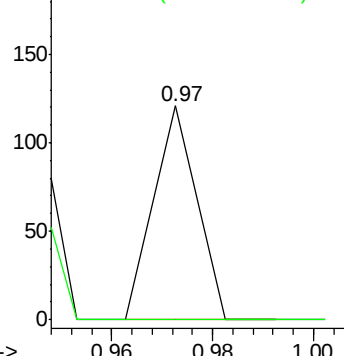
85 100

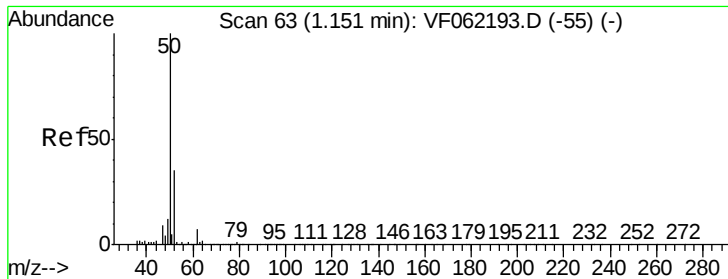
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 55.586 ug/l

RT: 1.18 min Scan# 66

Delta R.T. 0.03 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

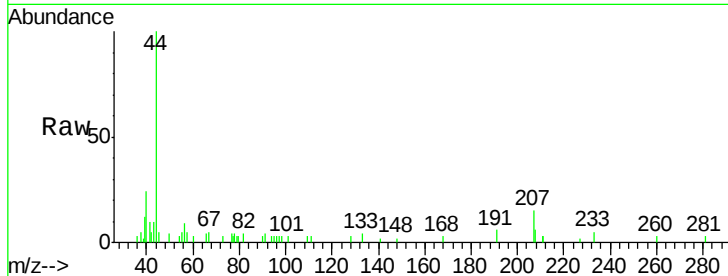
SA-06-041819-B

Tot Ion: 50 Resp: 406

Ion Ratio Lower Upper

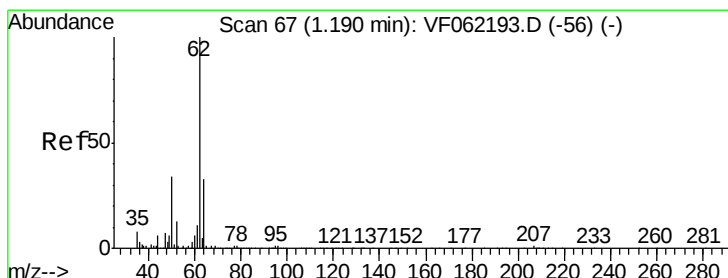
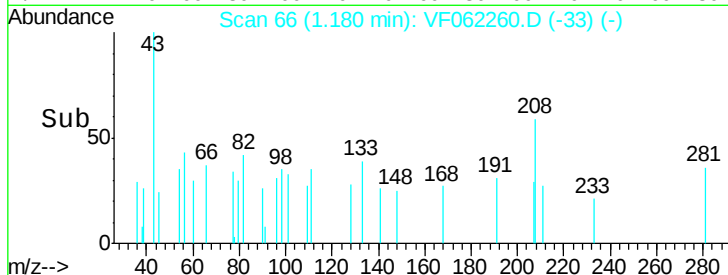
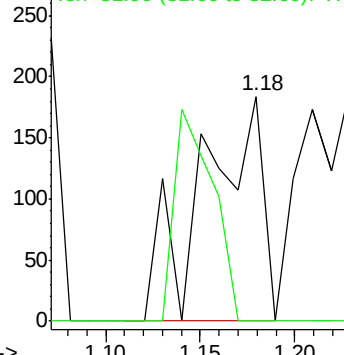
50 100

52 0.0 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 14.024 ug/l

RT: 1.24 min Scan# 72

Delta R.T. 0.05 min

Lab File: VF062260.D

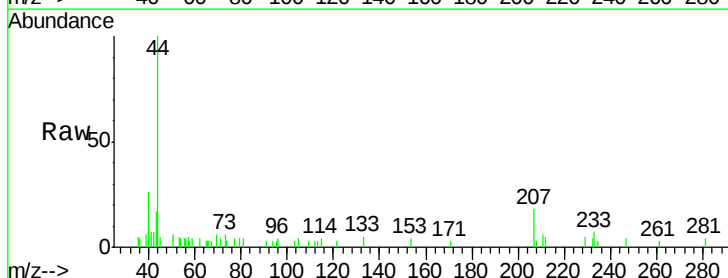
Acq: 23 Apr 2019 13:30

Tgt Ion: 62 Resp: 88

Ion Ratio Lower Upper

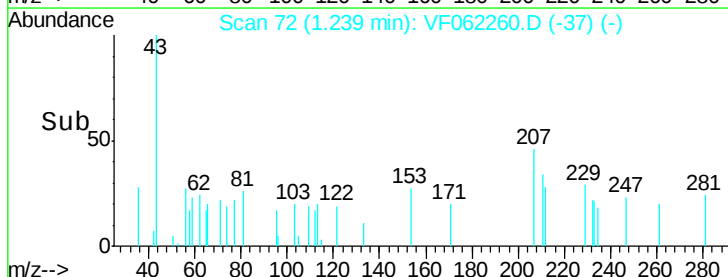
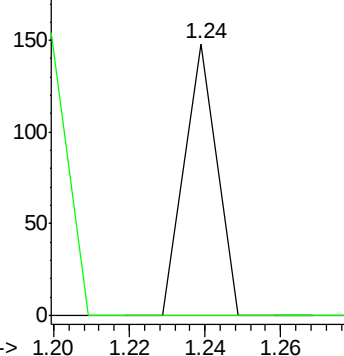
62 100

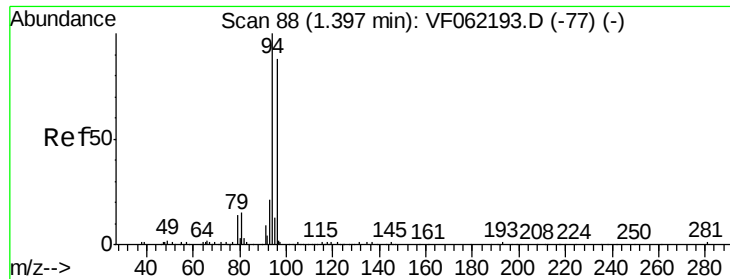
64 0.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 82.845 ug/l

RT: 1.36 min Scan# 84

Delta R.T. -0.04 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

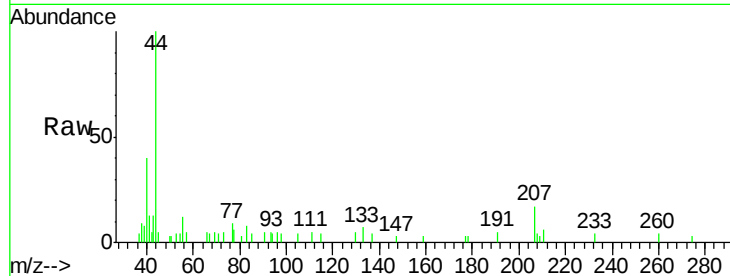
SA-06-041819-B

Tot Ion: 94 Resp: 302

Ion Ratio Lower Upper

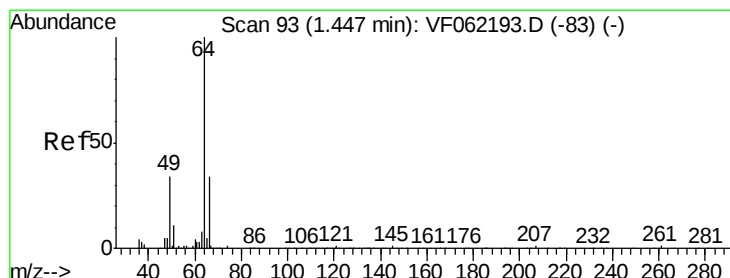
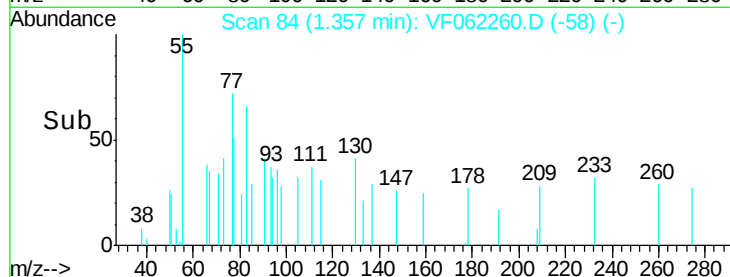
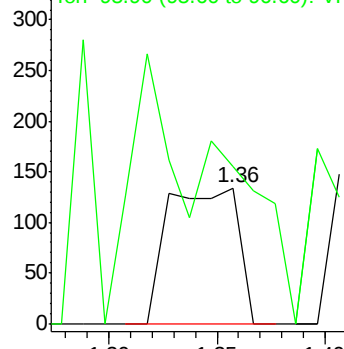
94 100

96 27.6 70.2 105.4#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 27.828 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF062260.D

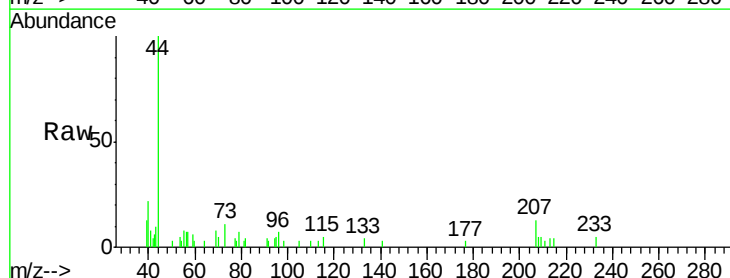
Acq: 23 Apr 2019 13:30

Tgt Ion: 64 Resp: 73

Ion Ratio Lower Upper

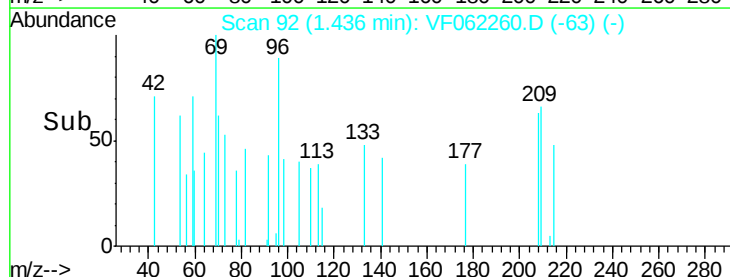
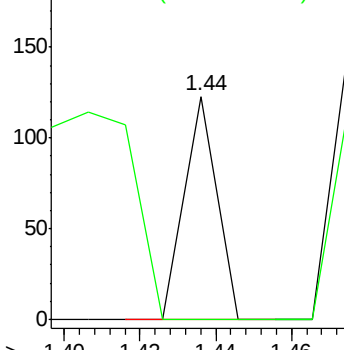
64 100

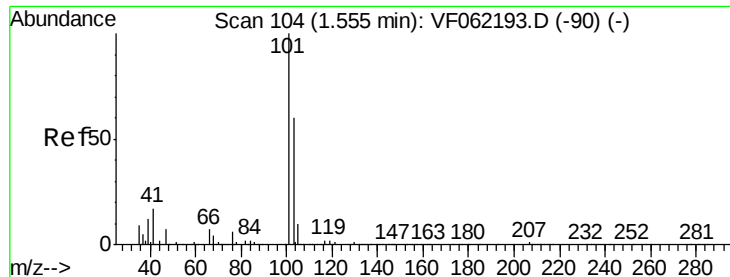
66 0.0 27.0 40.4#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



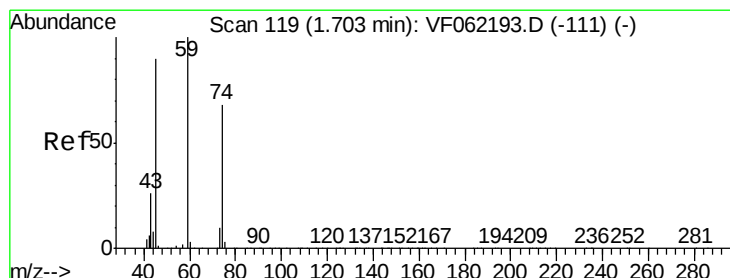
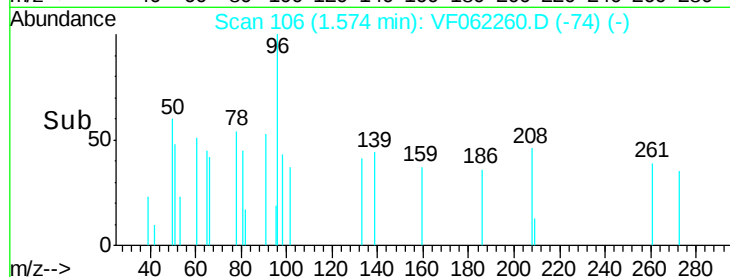
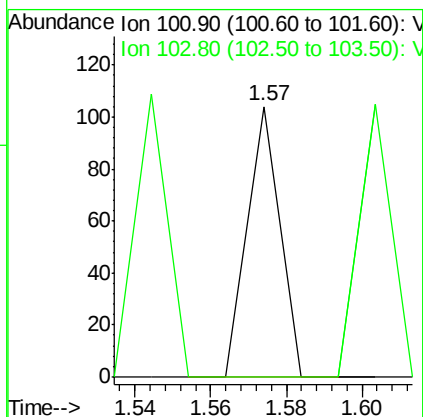
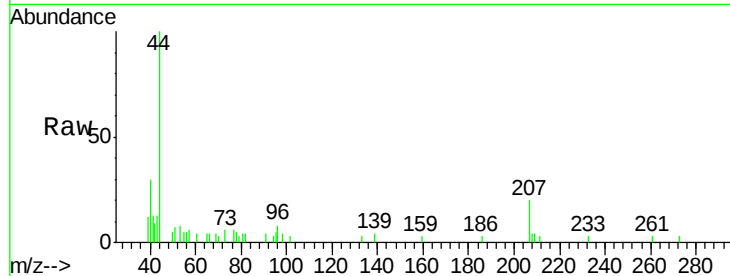


#7

Trichlorofluoromethane
Concen: 7.652 ug/l
RT: 1.57 min Scan# 106
Delta R.T. 0.02 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

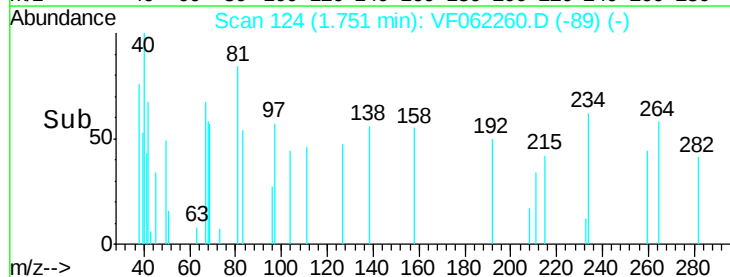
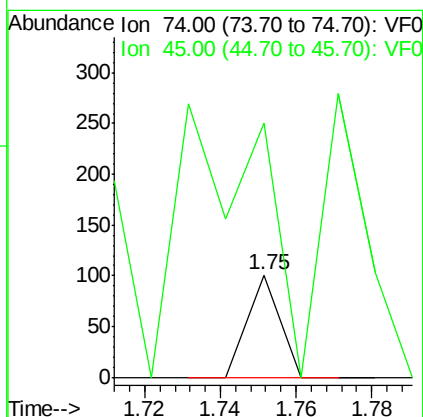
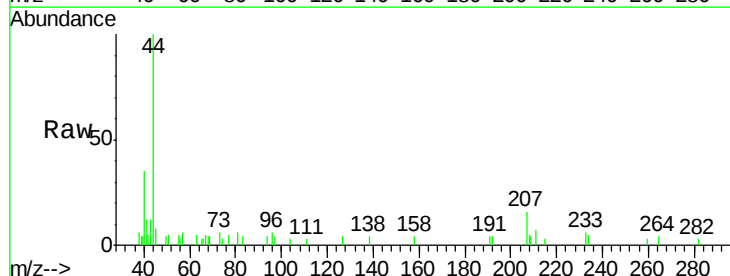
Tot Ion:101 Resp: 61
Ion Ratio Lower Upper
101 100
103 0.0 48.2 72.4#

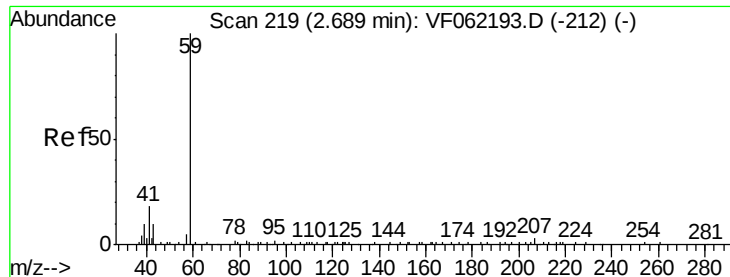


#8

Diethyl Ether
Concen: 36.162 ug/l
RT: 1.75 min Scan# 124
Delta R.T. 0.05 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 74 Resp: 60
Ion Ratio Lower Upper
74 100
45 665.0 70.0 210.2#

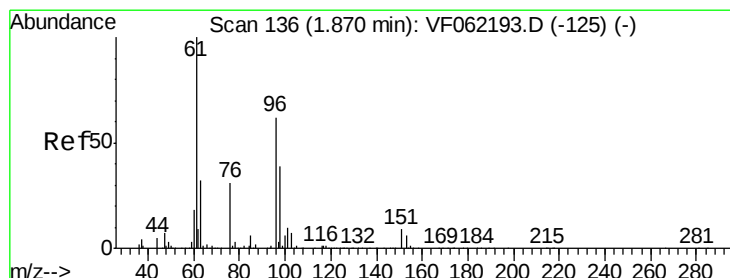
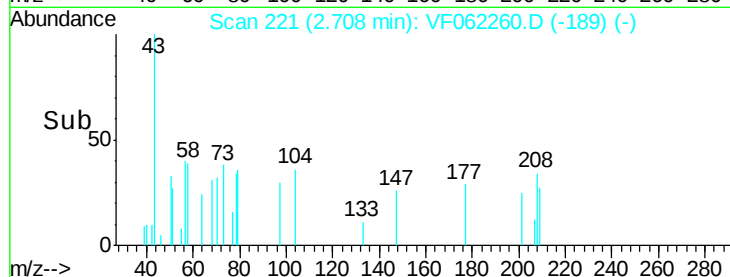
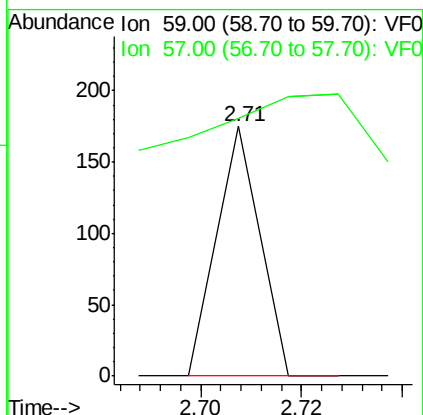
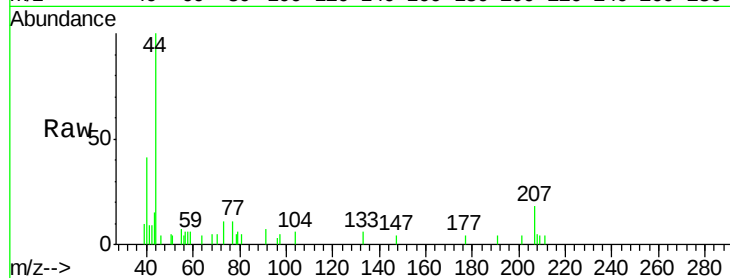




#11
Tert butyl alcohol
Concen: 347.524 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

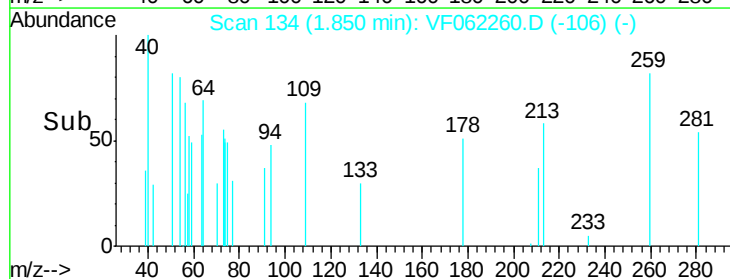
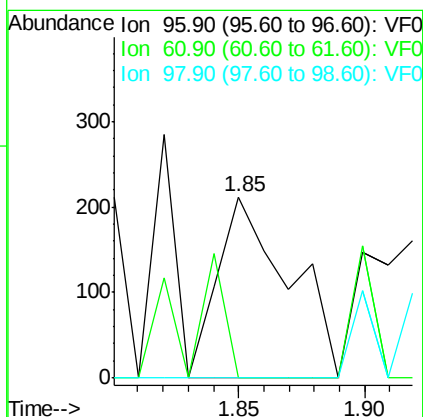
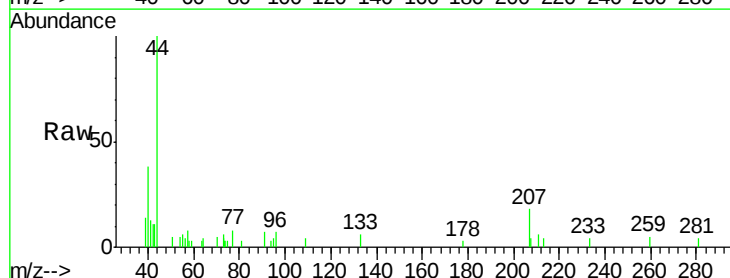
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

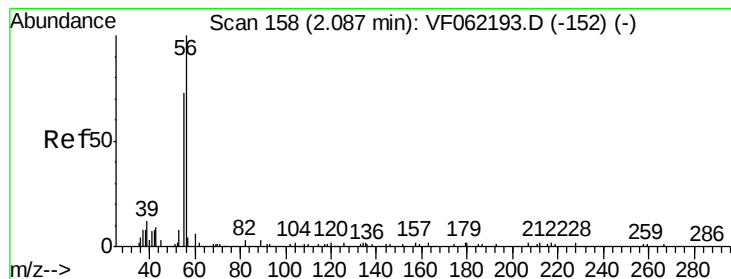
Tot Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 80.310 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.02 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 96 Resp: 416
Ion Ratio Lower Upper
96 100
61 0.0 129.1 193.7#
98 0.0 50.0 75.0#





#13

Acrolein

Concen: 654.011 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

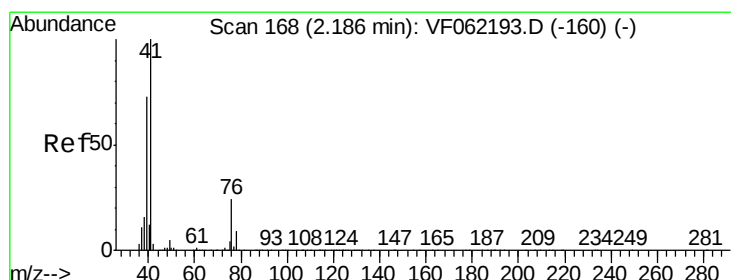
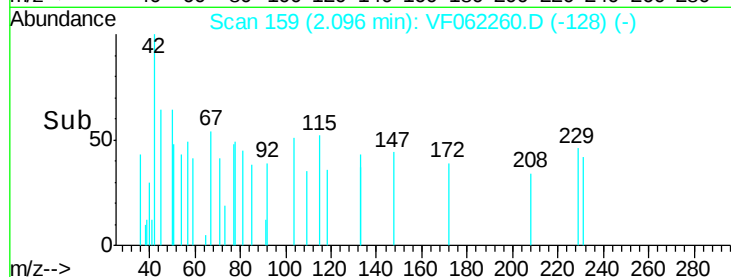
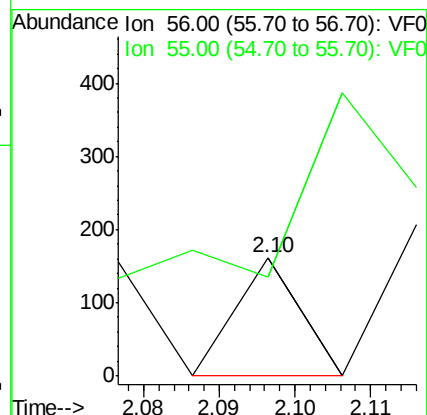
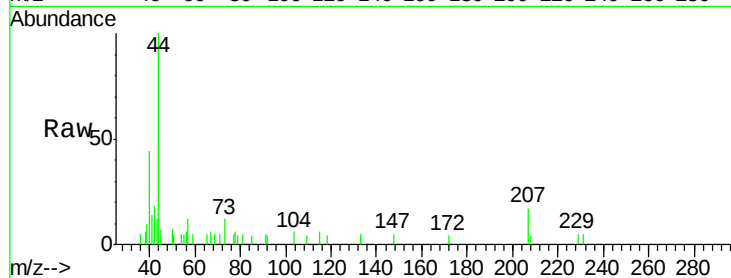
SA-06-041819-B

Tot Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 277.1 57.4 86.0#



#14

Allyl chloride

Concen: 38.354 ug/l

RT: 2.19 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

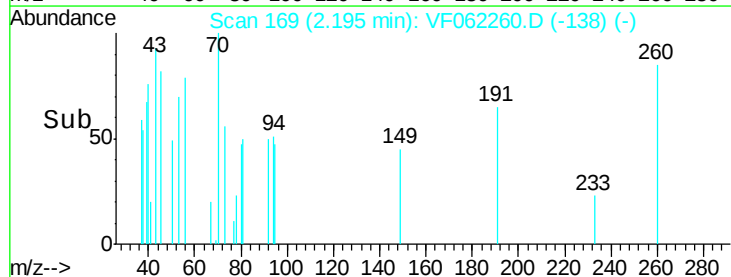
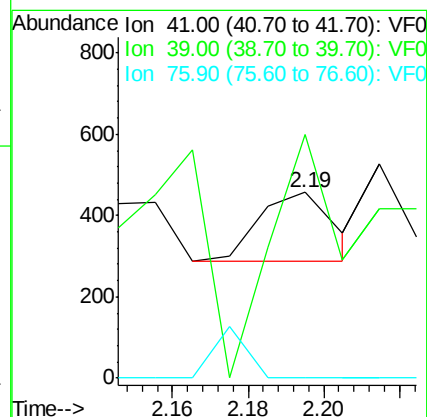
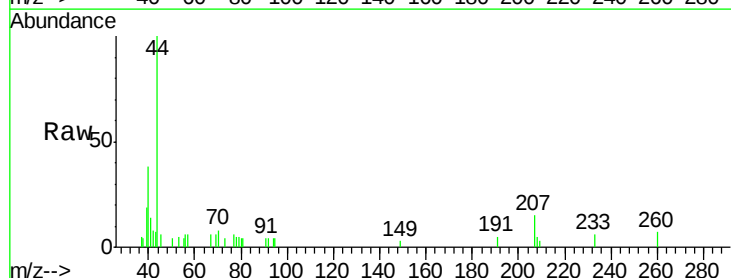
Tgt Ion: 41 Resp: 228

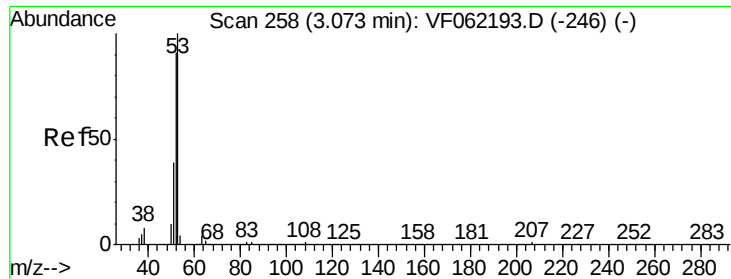
Ion Ratio Lower Upper

41 100

39 658.8 60.0 90.0#

76 0.0 20.6 30.8#





#15

Acrylonitrile

Concen: 357.811 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

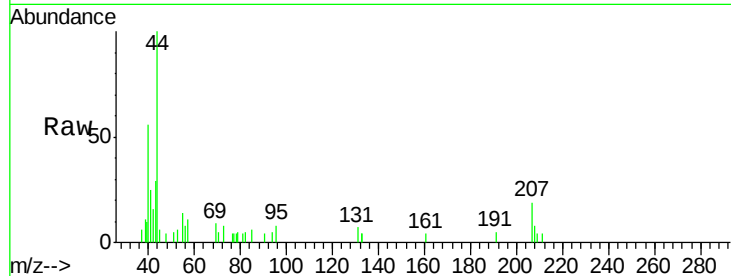
Tot Ion: 53 Resp: 323

Ion Ratio Lower Upper

53 100

52 0.0 69.5 104.3#

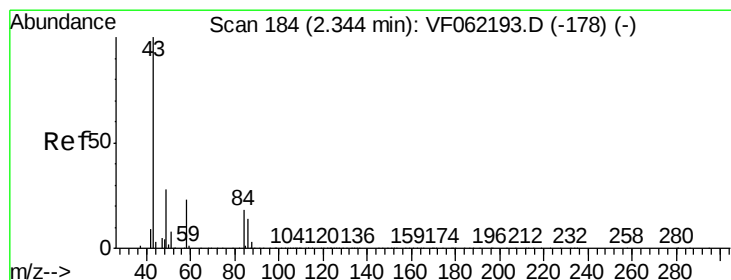
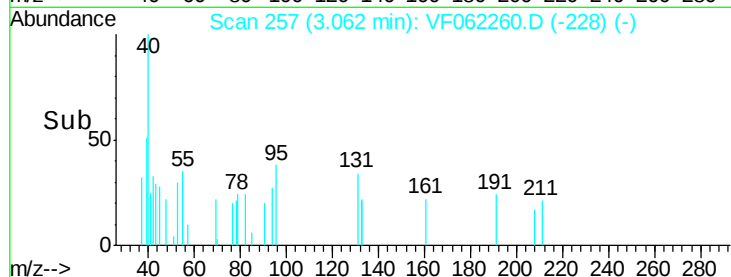
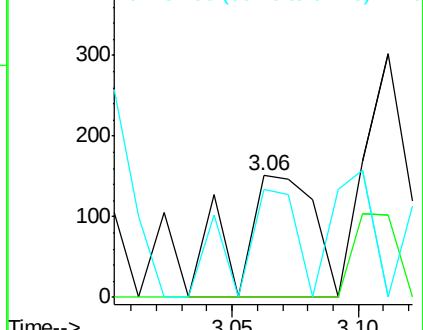
51 66.9 31.8 47.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 888.966 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.02 min

Lab File: VF062260.D

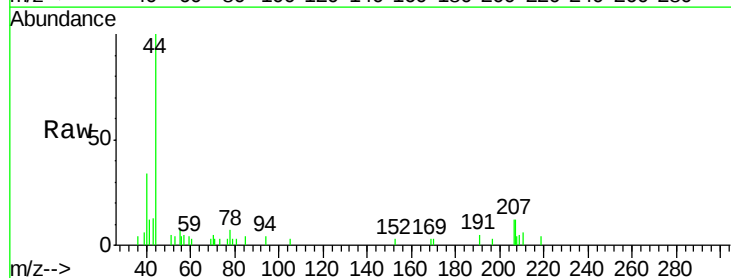
Acq: 23 Apr 2019 13:30

Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

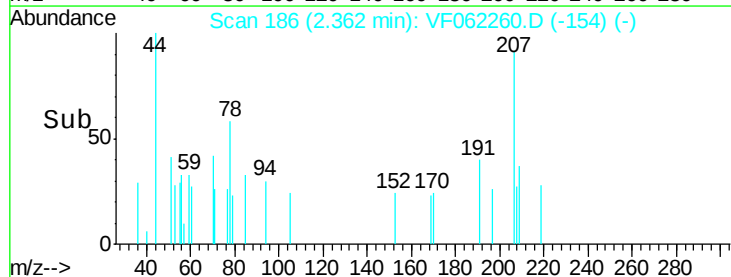
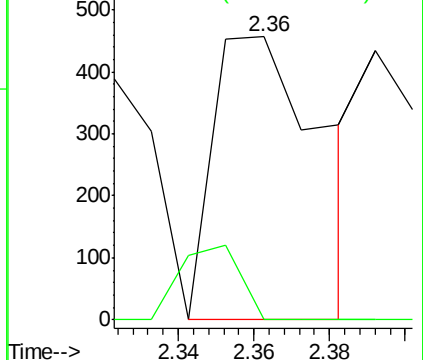
43 100

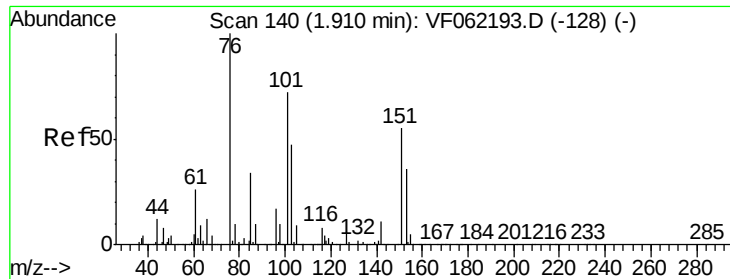
58 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

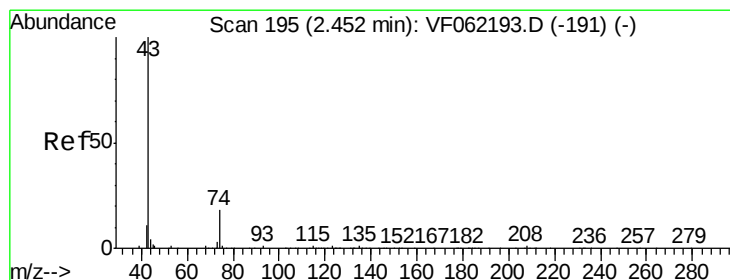
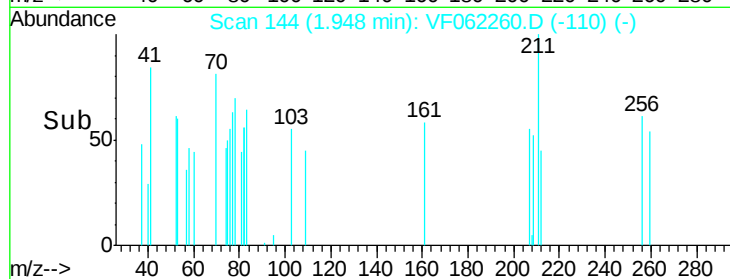
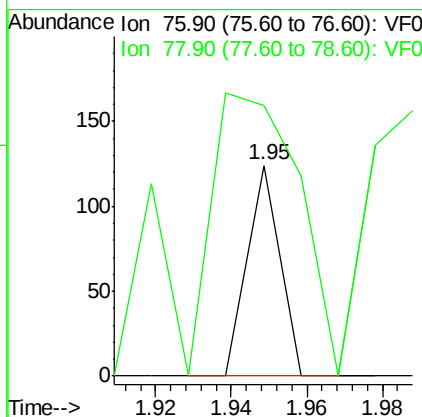
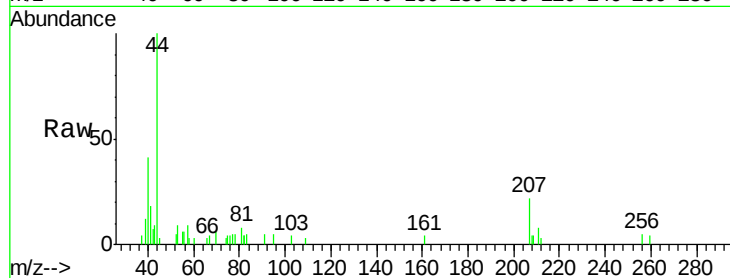




#17
Carbon Disulfide
Concen: 5.072 ug/l
RT: 1.95 min Scan# 144
Delta R.T. 0.04 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

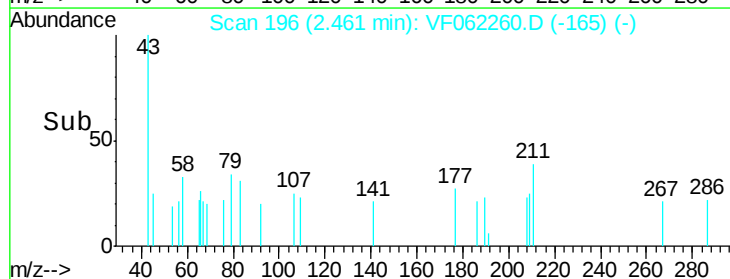
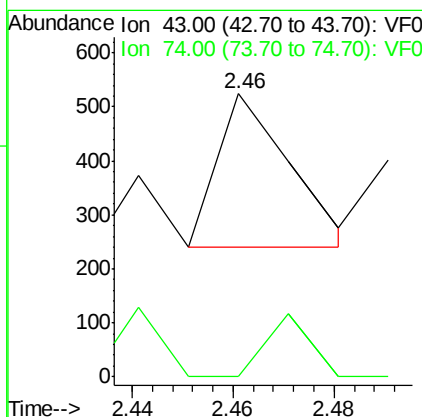
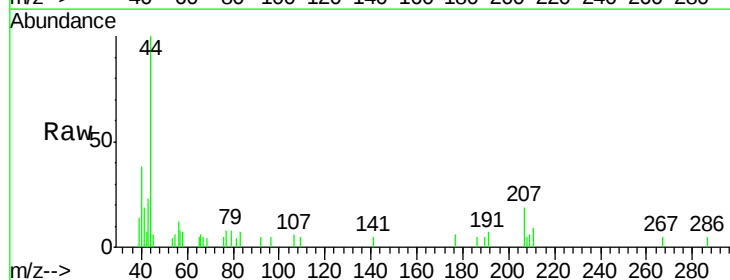
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

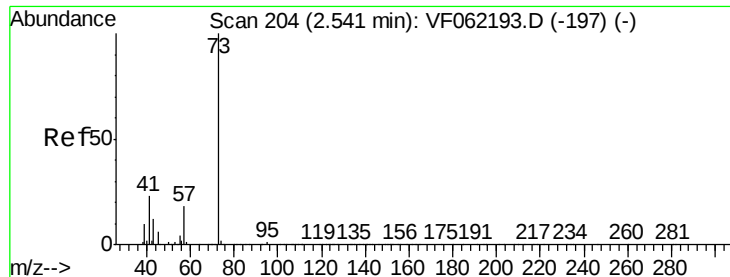
Tot Ion: 76 Resp: 73
Ion Ratio Lower Upper
76 100
78 128.2 8.7 13.1#



#18
Methyl Acetate
Concen: 138.814 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
74 24.5 14.5 21.7#



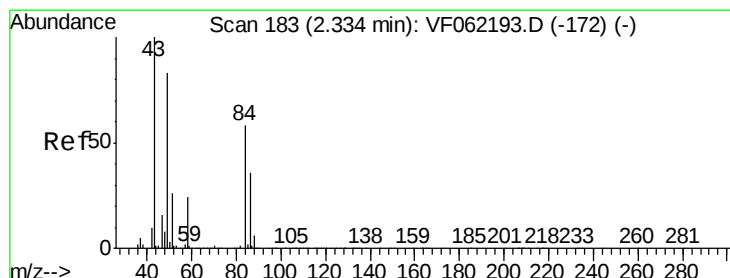
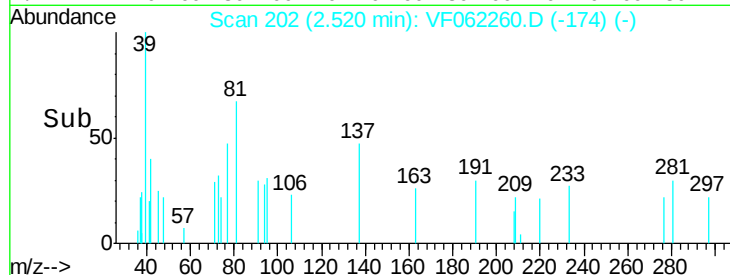
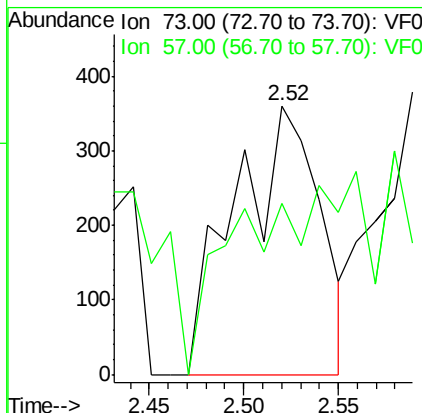
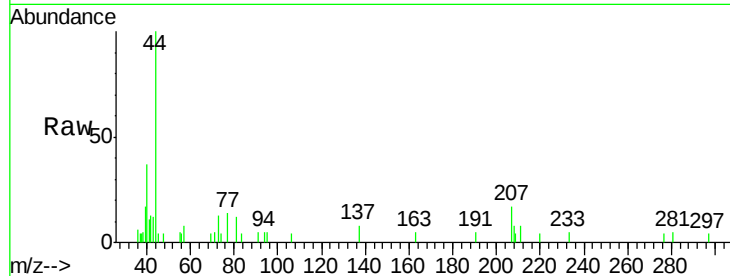


#19

Methyl tert-butyl Ether
 Concen: 122.354 ug/l
 RT: 2.52 min Scan# 202
 Delta R.T. -0.02 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

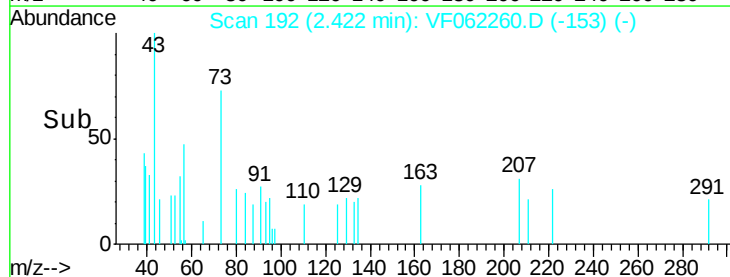
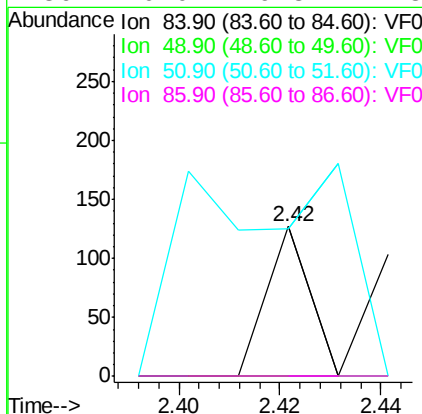
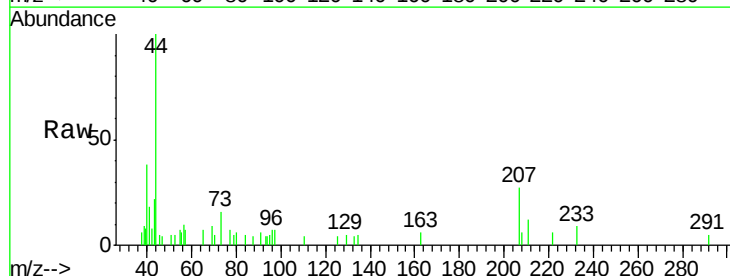
Tot Ion: 73 Resp: 1119
 Ion Ratio Lower Upper
 73 100
 57 63.9 15.1 22.7#

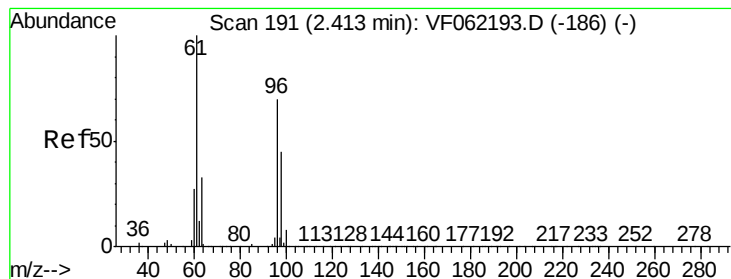


#20

Methylene Chloride
 Concen: 9.971 ug/l
 RT: 2.42 min Scan# 192
 Delta R.T. 0.09 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion: 84 Resp: 75
 Ion Ratio Lower Upper
 84 100
 49 0.0 114.0 171.0#
 51 0.0 37.0 55.4#
 86 0.0 49.8 74.8#





#21

trans-1,2-Dichloroethene

Concen: 100.537 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

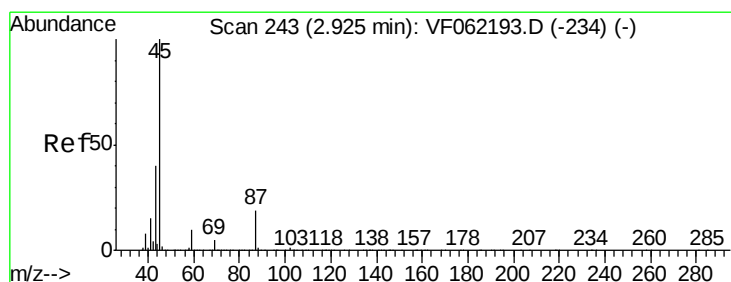
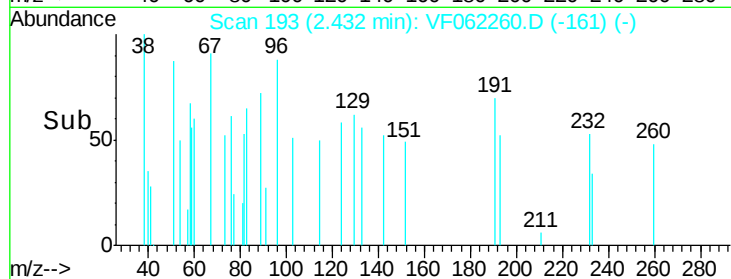
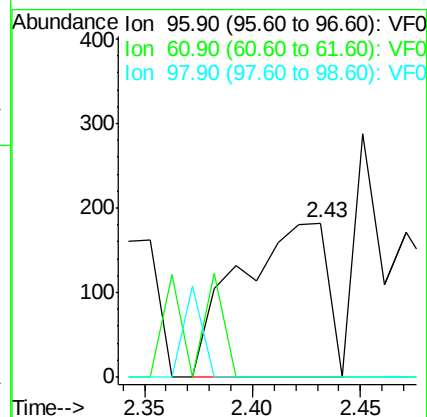
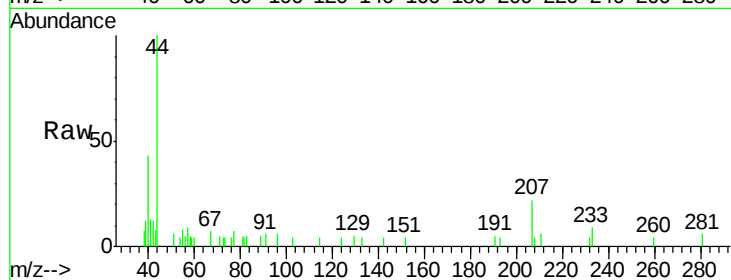
Tot Ion: 96 Resp: 515

Ion Ratio Lower Upper

96 100

61 0.0 114.6 172.0#

98 0.0 51.2 76.8#



#22

Diisopropyl ether

Concen: 13.087 ug/l

RT: 2.95 min Scan# 246

Delta R.T. 0.03 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Tgt Ion: 45 Resp: 199

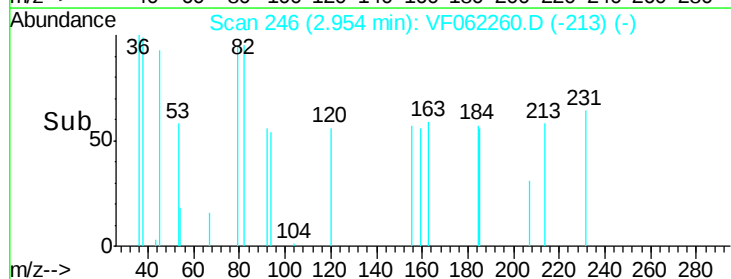
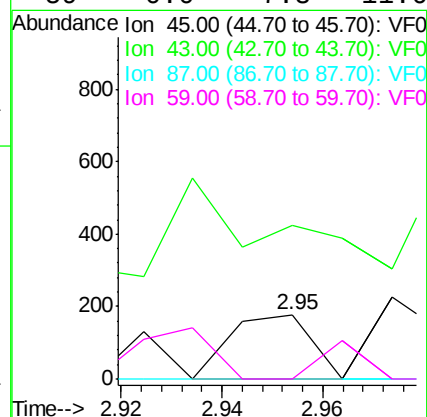
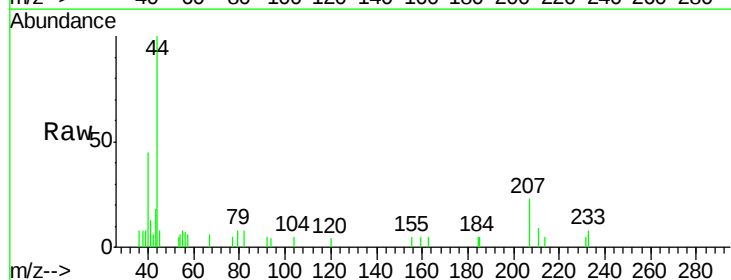
Ion Ratio Lower Upper

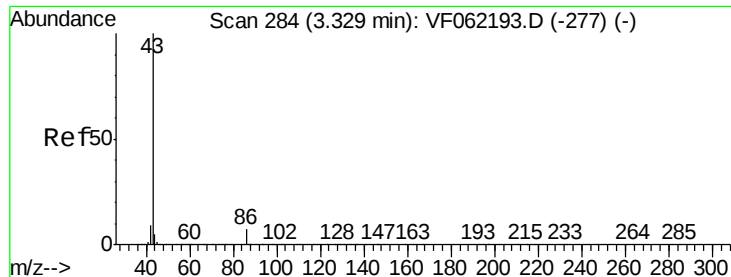
45 100

43 20.3 32.8 49.2#

87 0.0 15.2 22.8#

59 0.0 7.8 11.6#





#23

Vinyl Acetate

Concen: 137.888 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

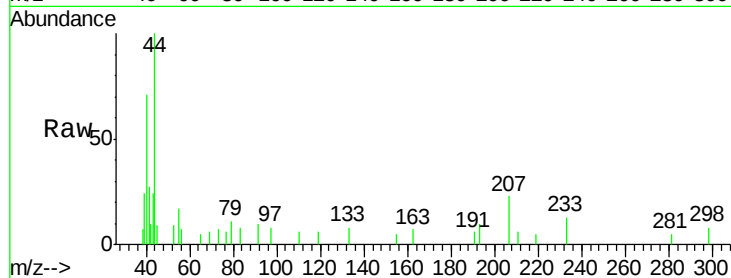
SA-06-041819-B

Tot Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

86 0.0 5.9 8.9#

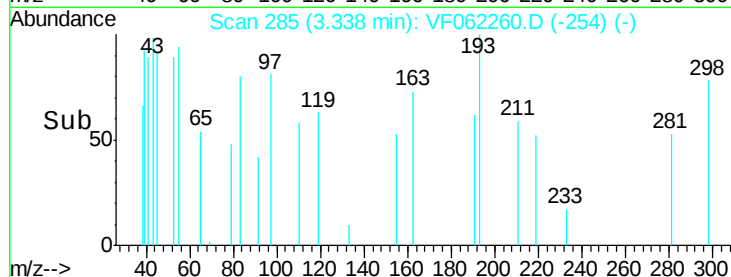


Abundance Ion 43.00 (42.70 to 43.70): VF0

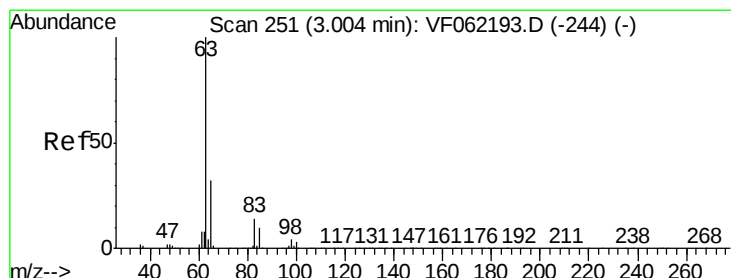
Ion 86.00 (85.70 to 86.70): VF0

3.34

3.35



Time-->



#24

1,1-Dichloroethane

Concen: 7.934 ug/l

RT: 2.98 min Scan# 249

Delta R.T. -0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

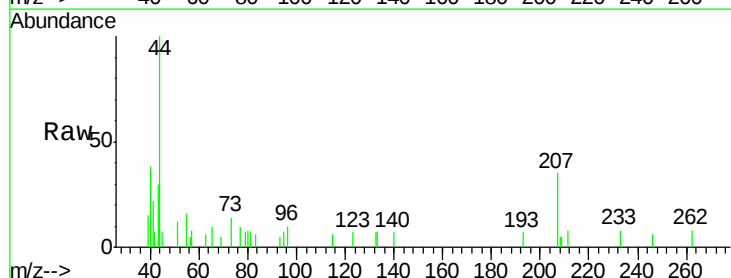
Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.8#

100 0.0 1.7 5.0#



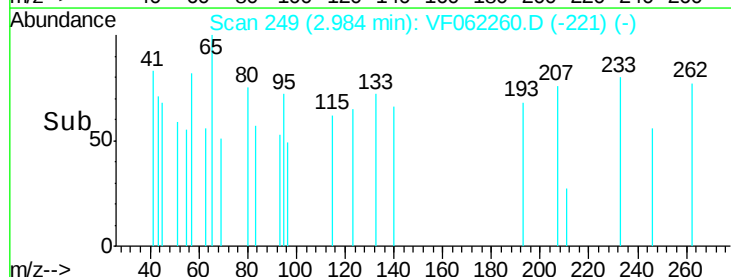
Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

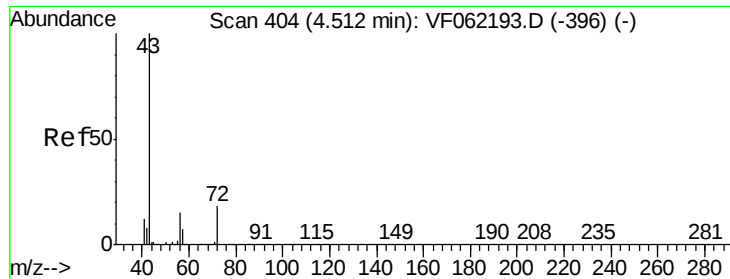
Ion 99.90 (99.60 to 100.60): VF0

2.98

3.00



Time-->



#25

2-Butanone

Concen: 361.164 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

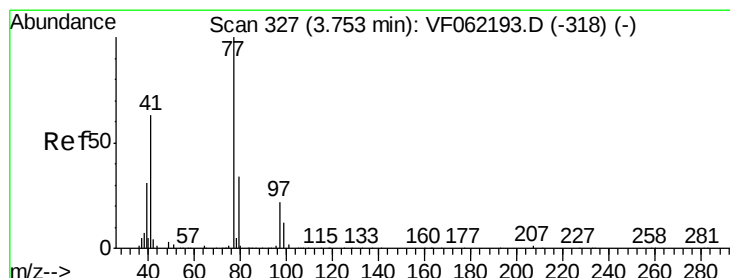
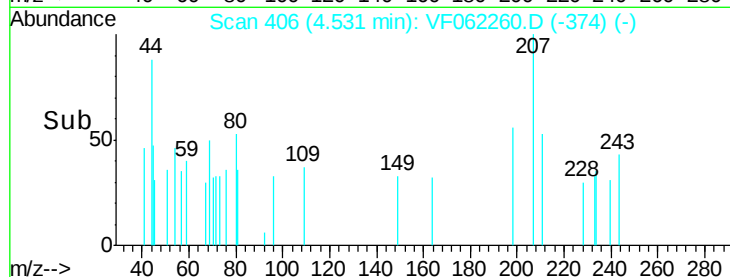
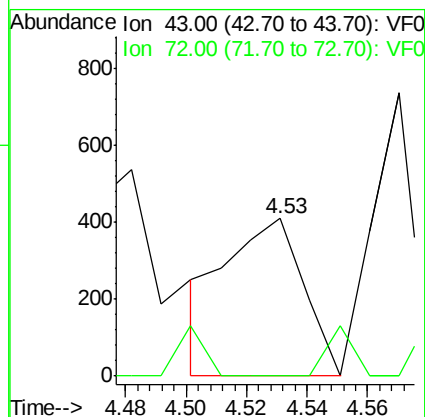
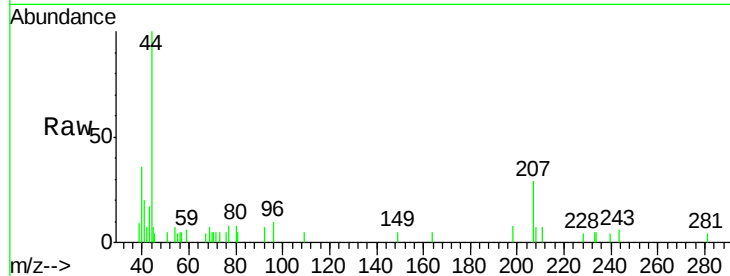
SA-06-041819-B

Tot Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

72 0.0 16.1 24.1#



#26

2,2-Dichloropropane

Concen: 85.006 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.01 min

Lab File: VF062260.D

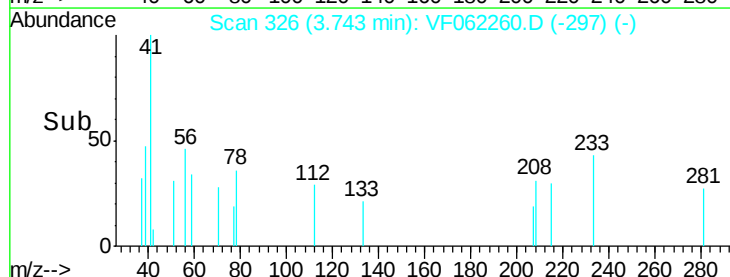
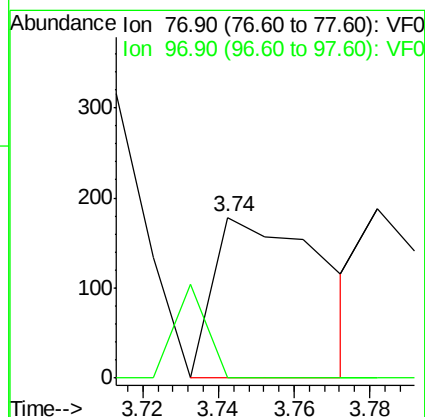
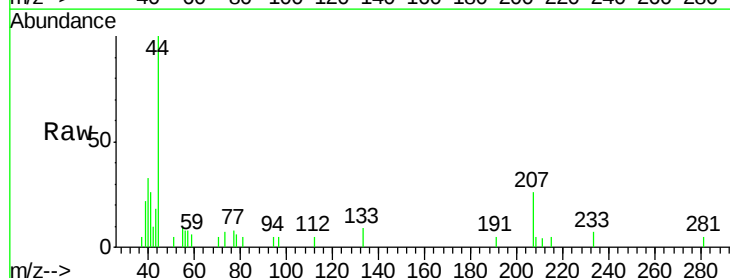
Acq: 23 Apr 2019 13:30

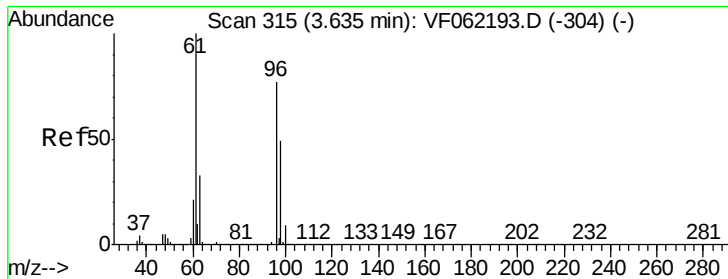
Tgt Ion: 77 Resp: 357

Ion Ratio Lower Upper

77 100

97 17.1 11.1 33.3



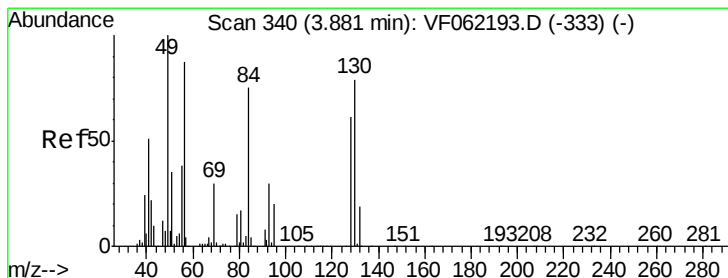
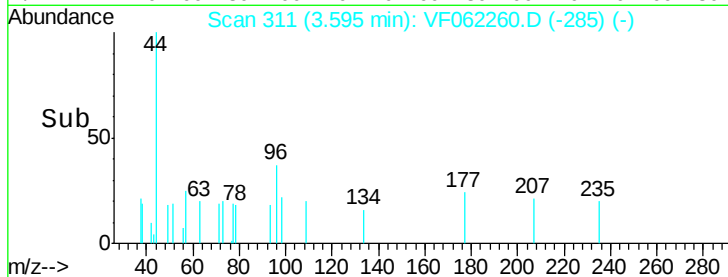
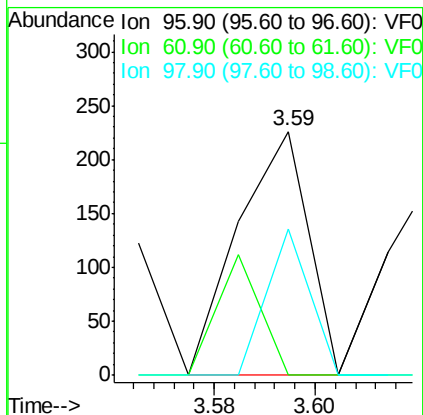
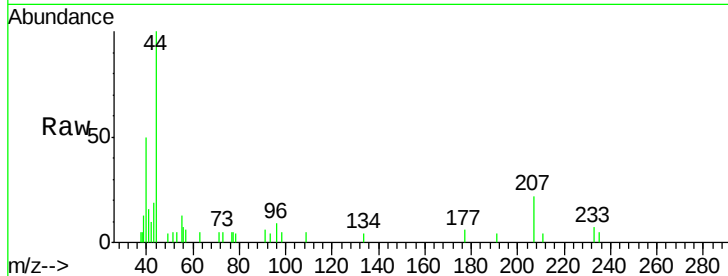


#27

cis-1,2-Dichloroethene
Concen: 32.863 ug/l
RT: 3.59 min Scan# 311
Delta R.T. -0.04 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

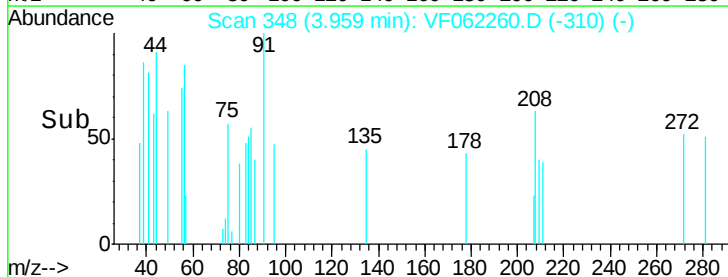
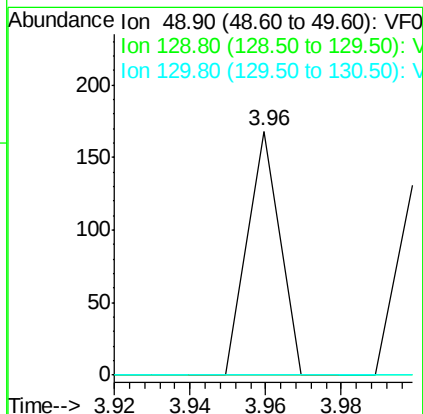
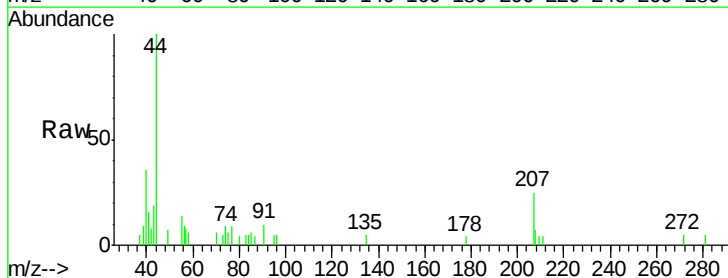
Tot Ion	Ratio	Lower	Upper
96	100		
61	30.3	0.0	253.6
98	36.7	0.0	124.8

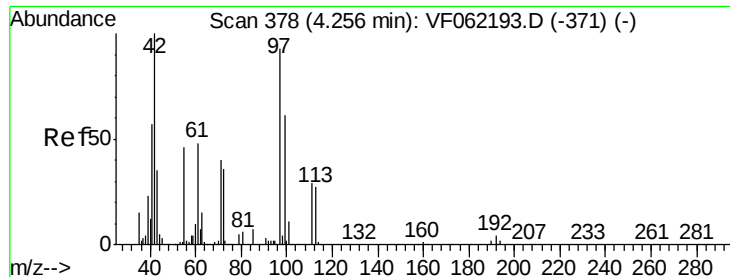


#28

Bromochloromethane
Concen: 24.845 ug/l
RT: 3.96 min Scan# 348
Delta R.T. 0.08 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

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





#29

Tetrahydrofuran

Concen: 419.555 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

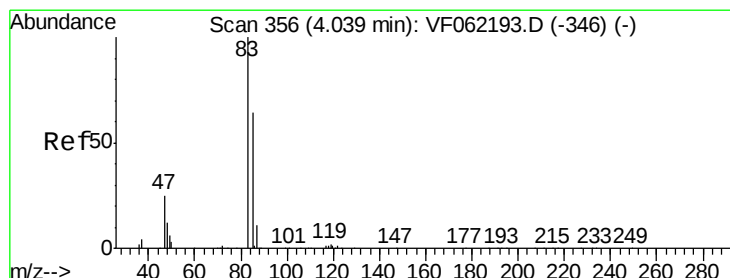
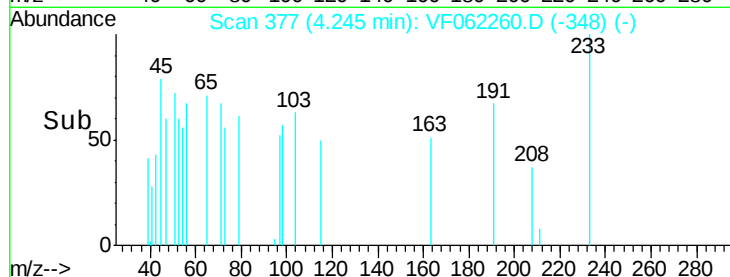
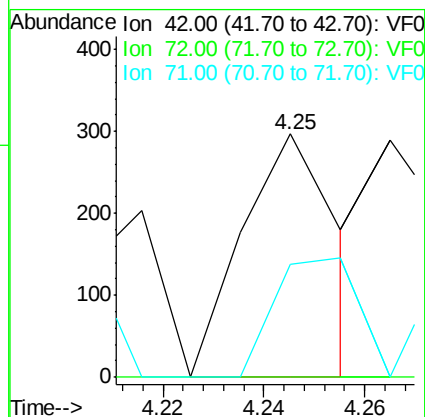
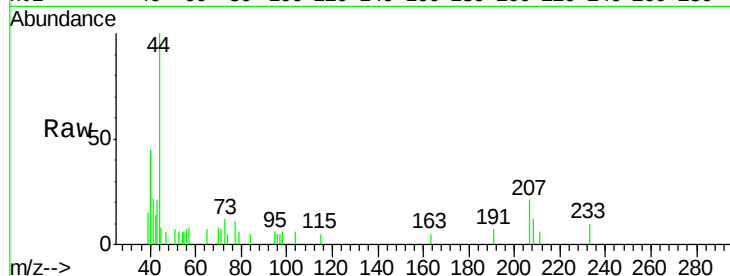
Tot Ion: 42 Resp: 387

Ion Ratio Lower Upper

42 100

72 0.0 28.6 43.0#

71 43.2 29.2 43.8



#30

Chloroform

Concen: 10.173 ug/l

RT: 4.09 min Scan# 361

Delta R.T. 0.05 min

Lab File: VF062260.D

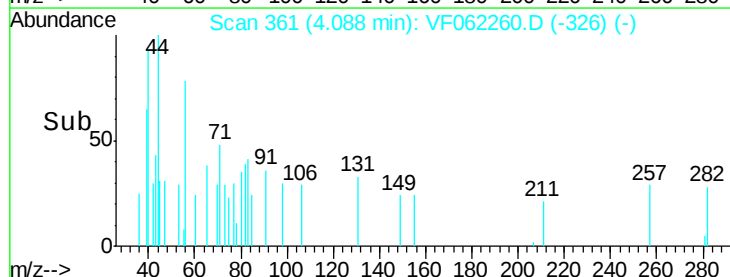
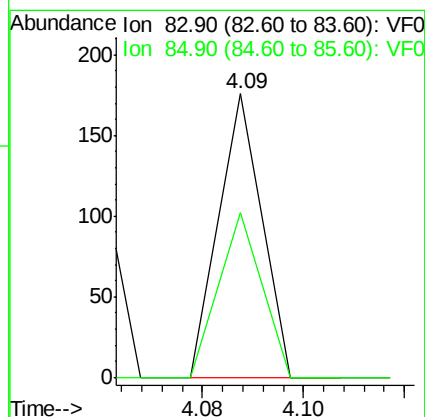
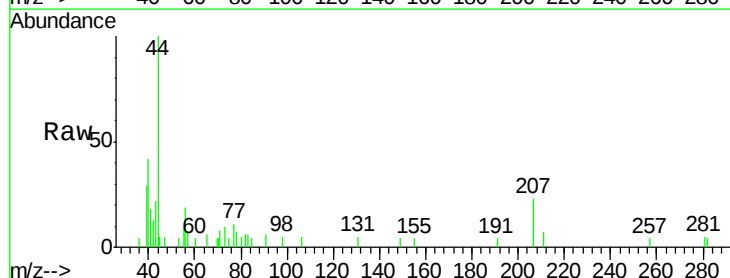
Acq: 23 Apr 2019 13:30

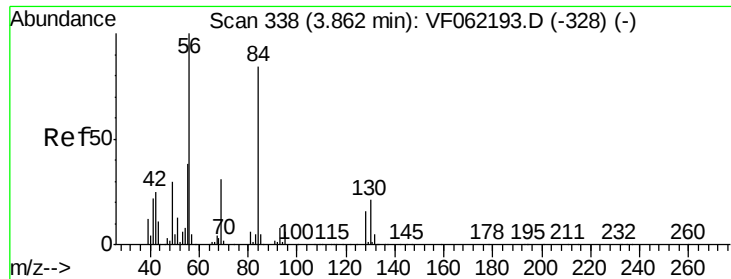
Tgt Ion: 83 Resp: 104

Ion Ratio Lower Upper

83 100

85 58.0 51.8 77.8





#31

Cyclohexane

Concen: 33.806 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.00 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

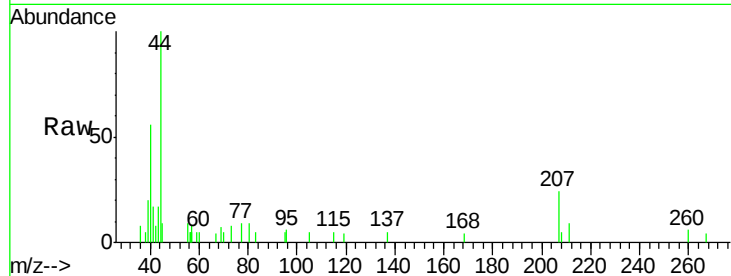
Tot Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

69 10.4 25.1 37.7#

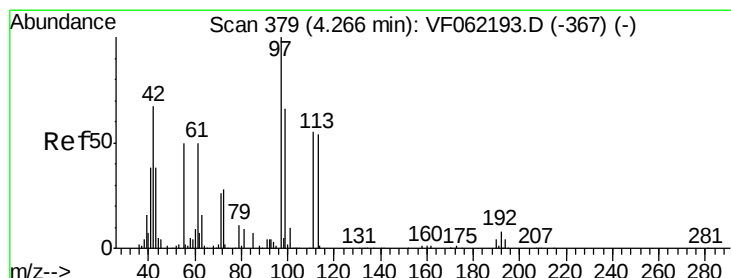
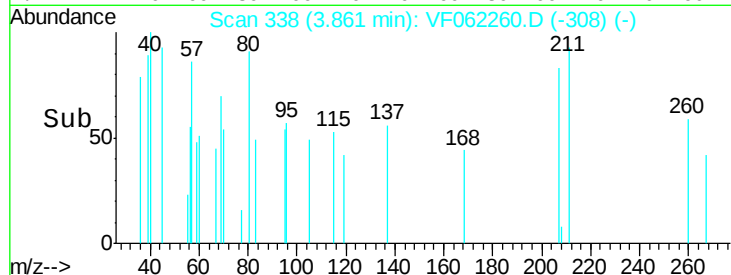
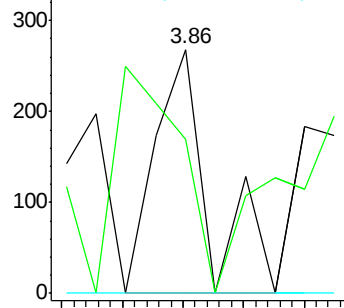
84 0.0 67.8 101.6#



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: 8.419 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

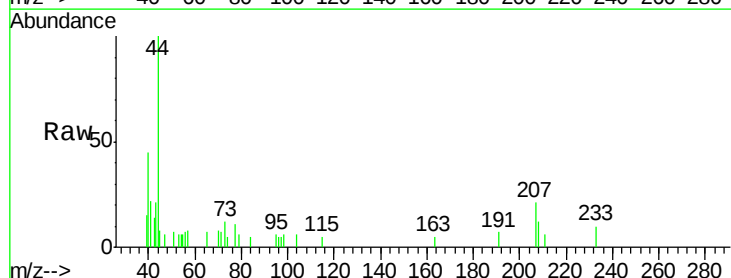
Tgt Ion: 97 Resp: 63

Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

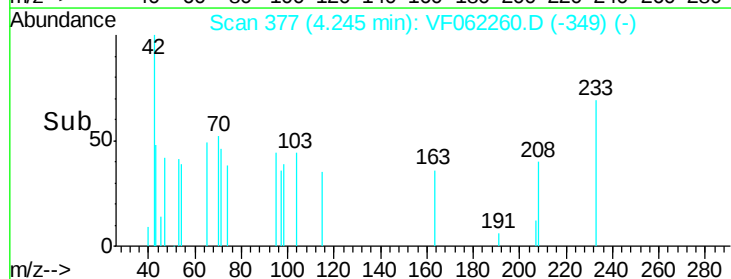
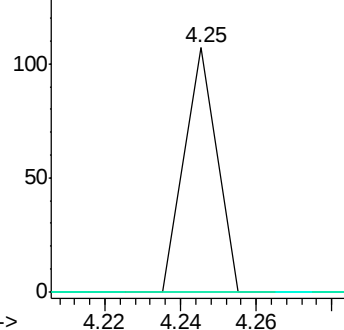
61 0.0 53.0 79.4#

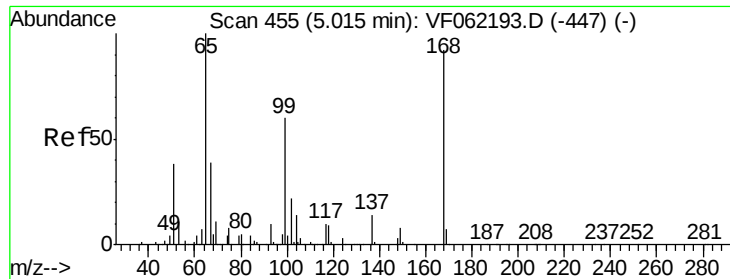


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

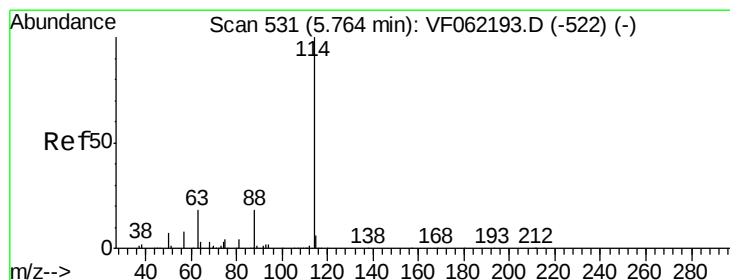
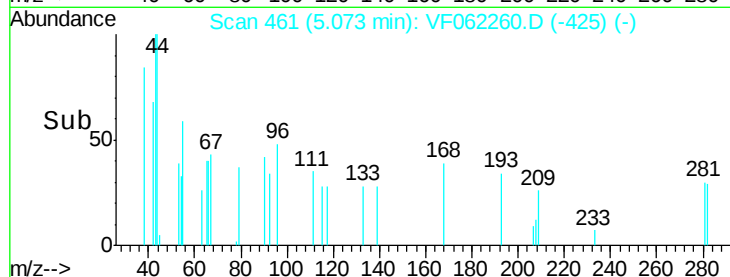
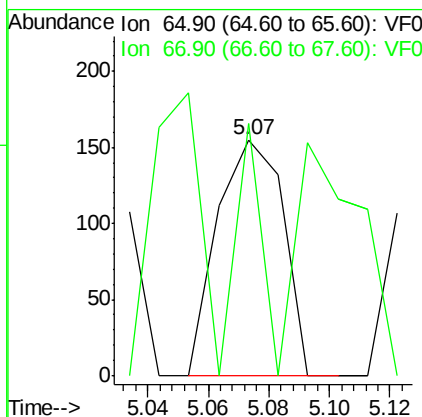
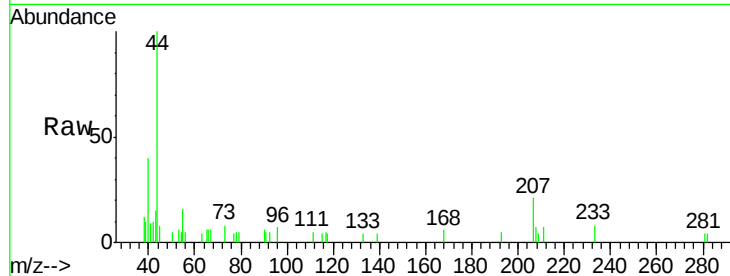




#33
 1,2-Dichloroethane-d4
 Concen: 55.350 ug/l
 RT: 5.07 min Scan# 461
 Delta R.T. 0.06 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

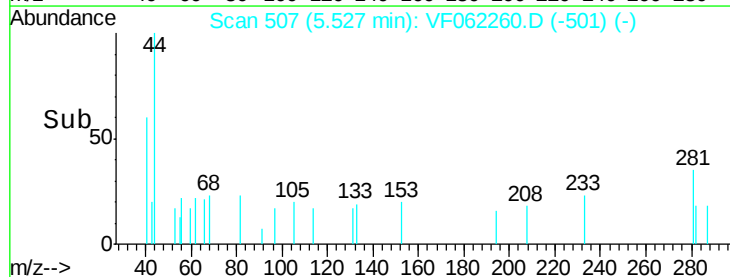
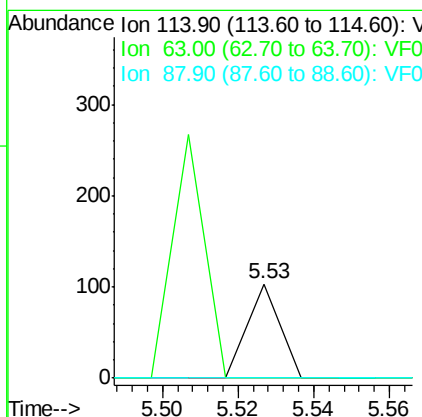
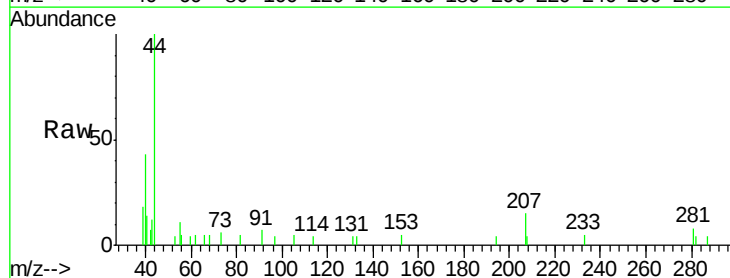
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

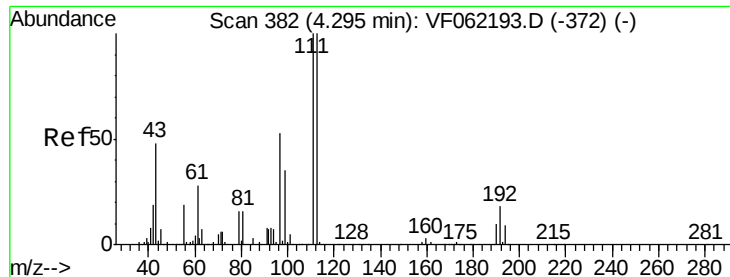
Tot Ion: 65 Resp: 236
 Ion Ratio Lower Upper
 65 100
 67 94.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.53 min Scan# 507
 Delta R.T. -0.24 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion: 114 Resp: 61
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 36.6
 88 0.0 0.0 35.8

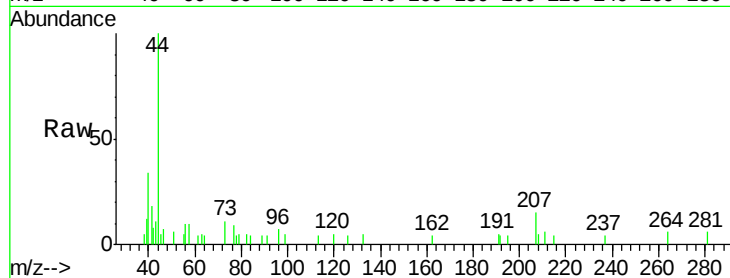




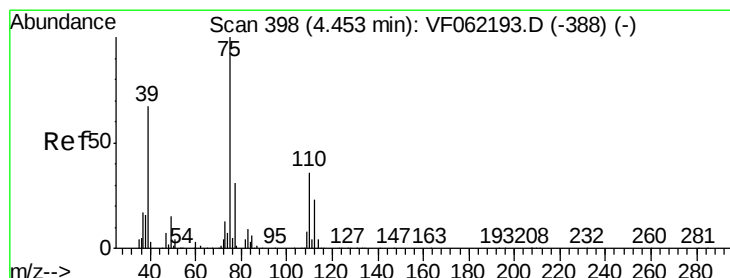
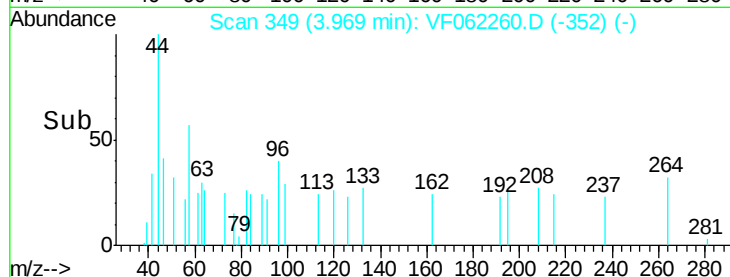
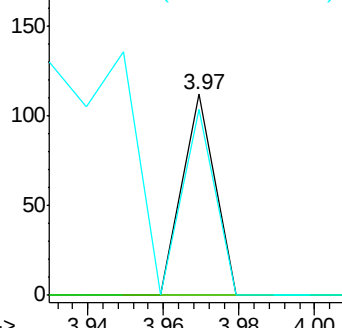
#35
 Dibromofluoromethane
 Concen: 123.691 ug/l
 RT: 3.97 min Scan# 349
 Delta R.T. -0.33 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Instrument :
 MSVOA_F
 ClientSampleID :
 SA-06-041819-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.1	121.7#
192	425.8	14.7	22.1#

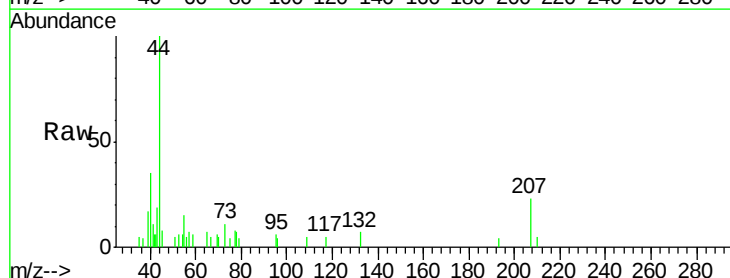


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

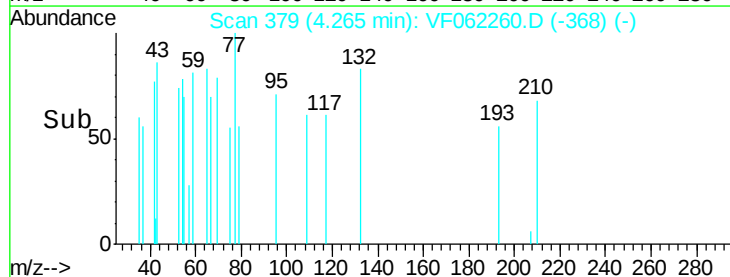
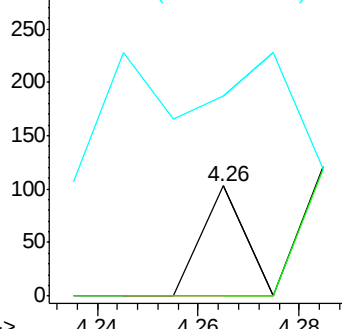


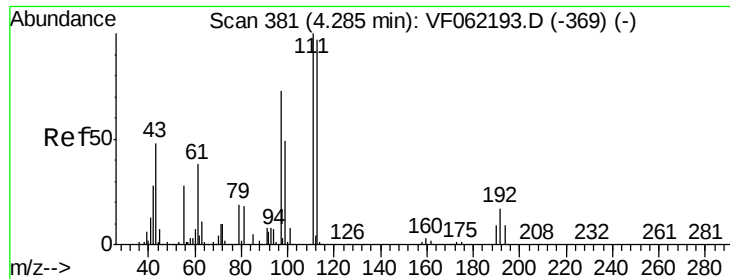
#36
 1,1-Dichloropropene
 Concen: 83.407 ug/l
 RT: 4.26 min Scan# 379
 Delta R.T. -0.19 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	667.2	25.4	38.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VF0

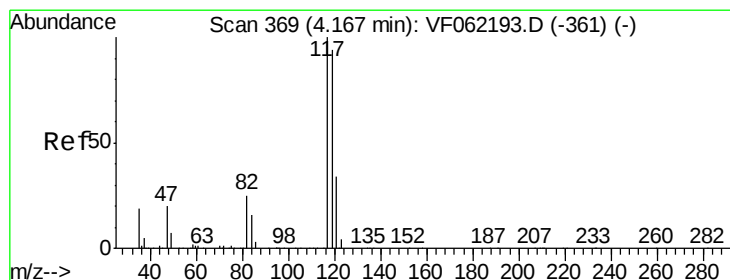
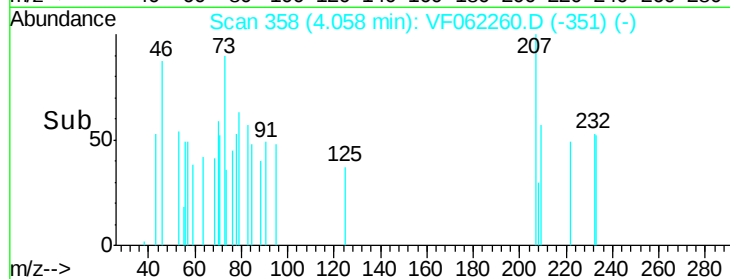
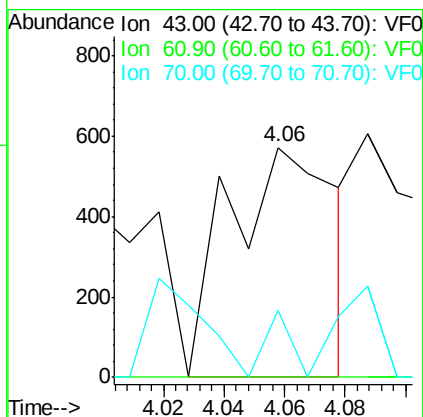
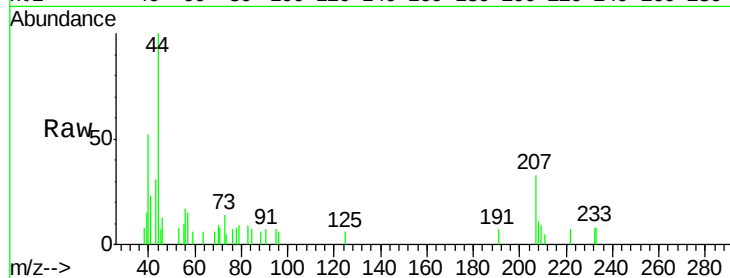




#37
Ethyl Acetate
Concen: 4065.331 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.23 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

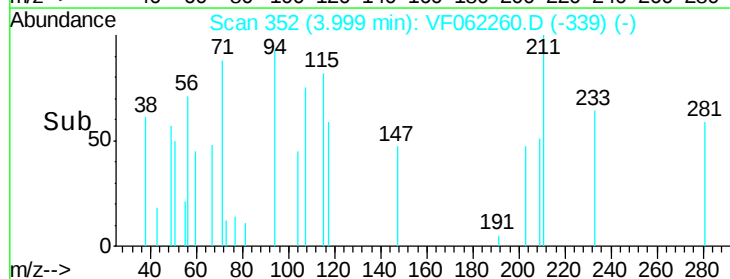
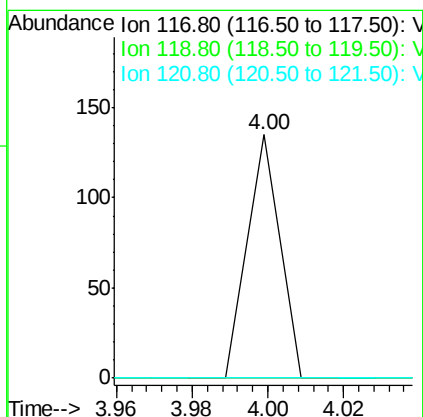
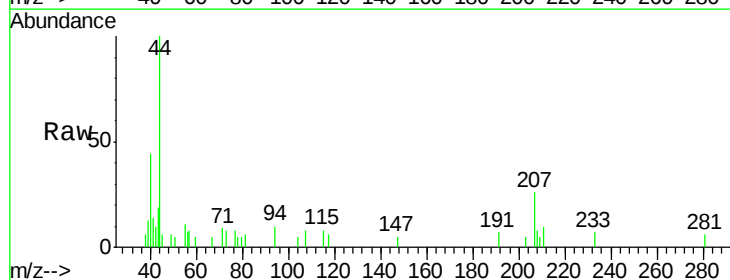
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

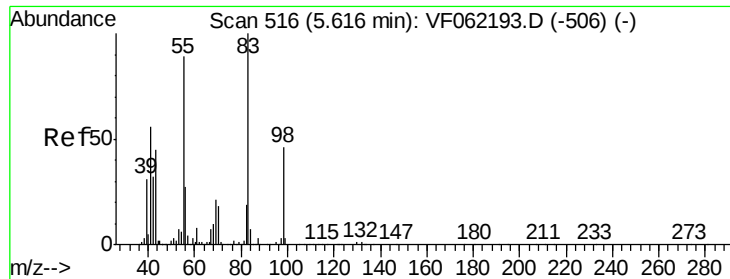
Tot Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 123.580 ug/l
RT: 4.00 min Scan# 352
Delta R.T. -0.17 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 117 Resp: 80
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.4#
121 0.0 26.9 40.3#

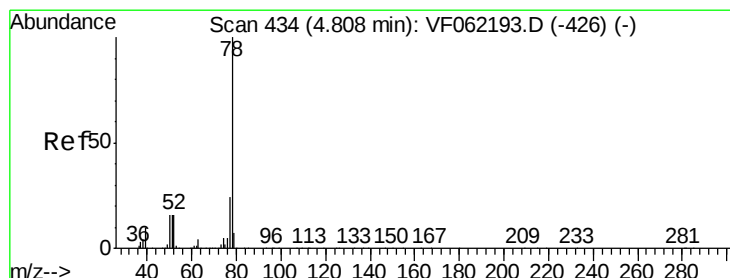
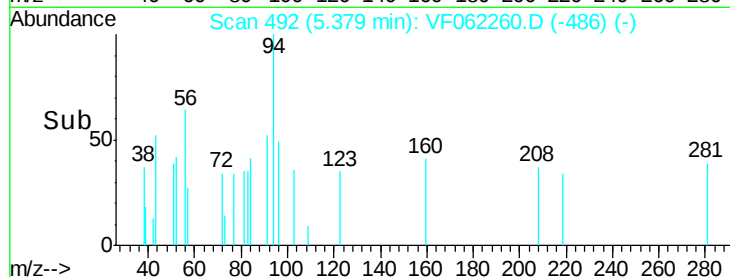
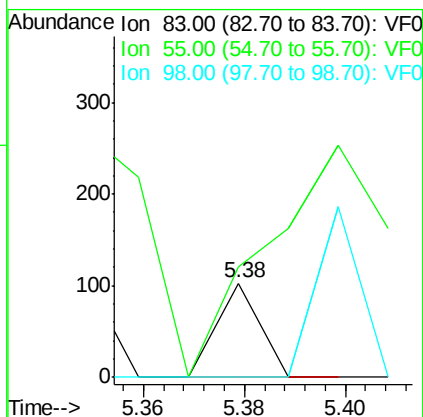
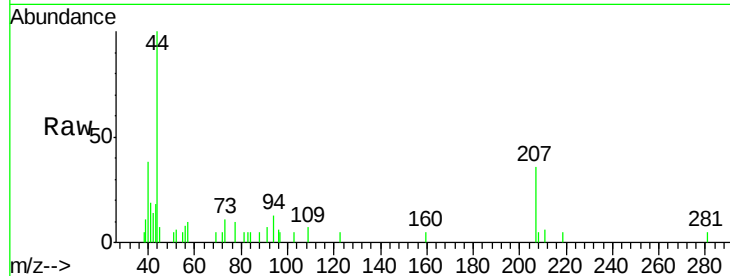




#39
Methvlcvclohexane
Concen: 69.662 ug/l
RT: 5.38 min Scan# 492
Delta R.T. -0.24 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

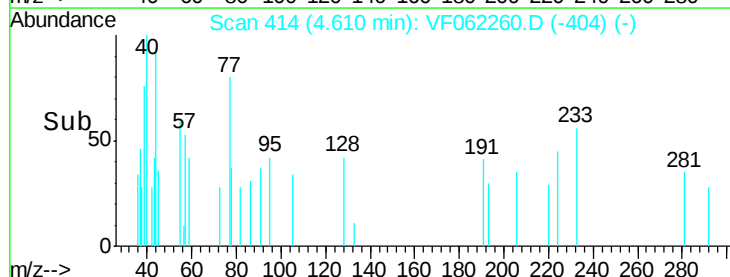
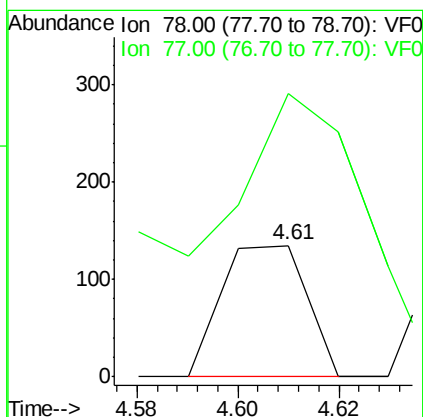
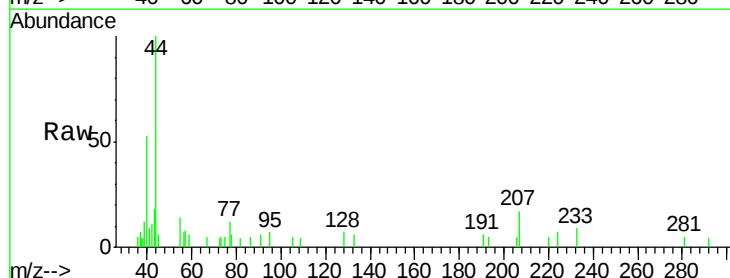
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

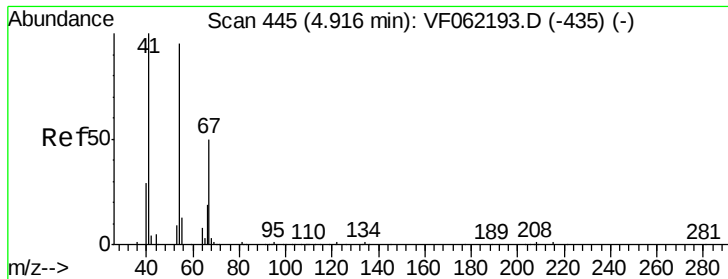
Tot Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
55 117.5 71.0 106.6#
98 0.0 36.7 55.1#



#40
Benzene
Concen: 82.364 ug/l
RT: 4.61 min Scan# 414
Delta R.T. -0.20 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 78 Resp: 158
Ion Ratio Lower Upper
78 100
77 123.7 18.9 28.3#

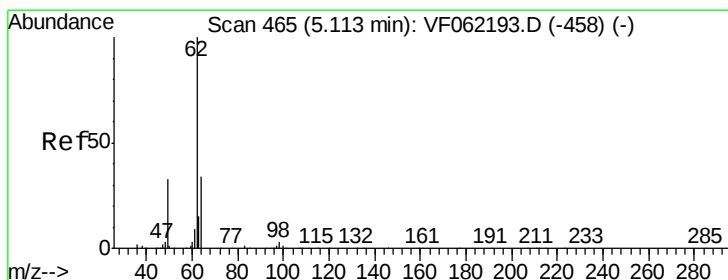
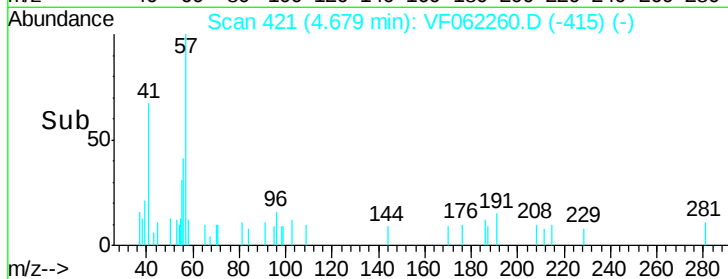
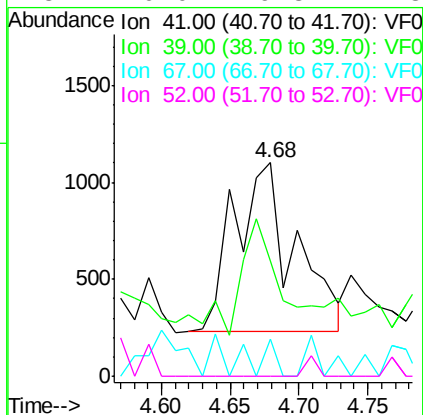
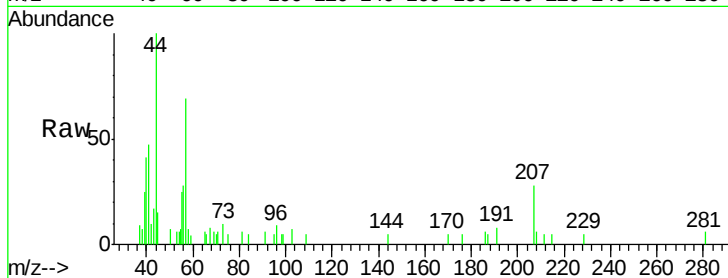




#41
Methacrylonitrile
Concen: 13151.164 ug/l
RT: 4.68 min Scan# 421
Delta R.T. -0.24 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

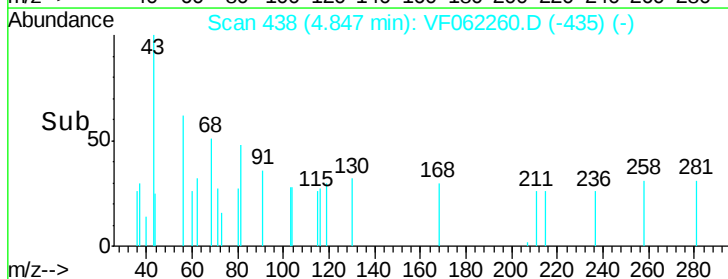
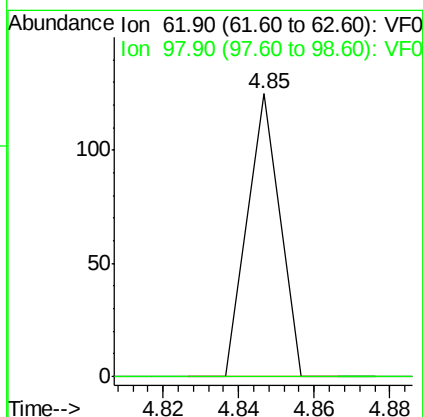
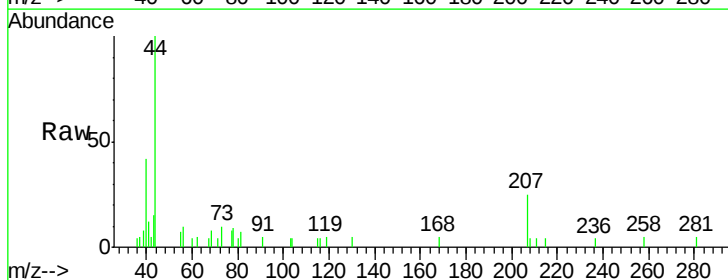
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

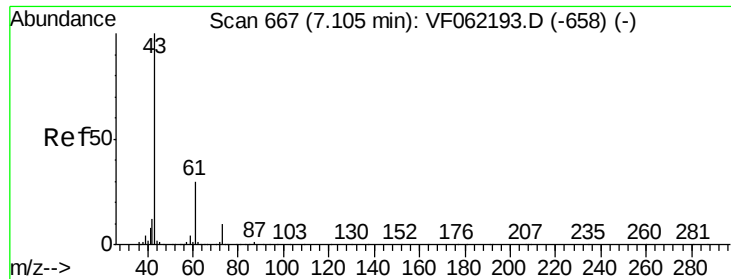
Tot Ion	Ratio	Lower	Upper
41	100		
39	40.5	44.7	67.1#
67	0.0	39.1	58.7#
52	0.0	49.8	74.8#



#42
1,2-Dichloroethane
Concen: 145.918 ug/l
RT: 4.85 min Scan# 438
Delta R.T. -0.27 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.0



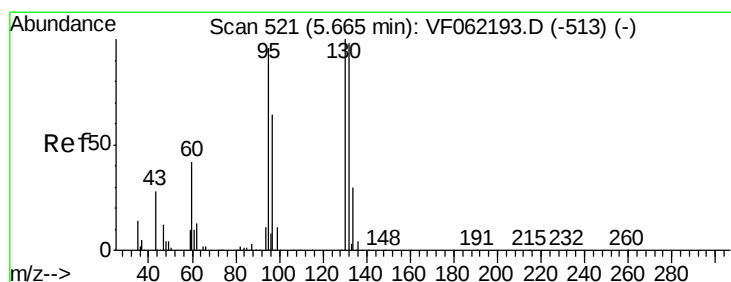
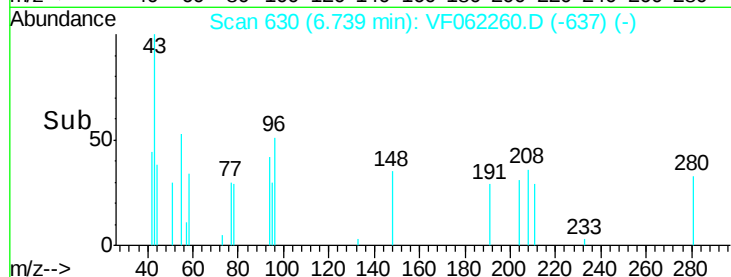
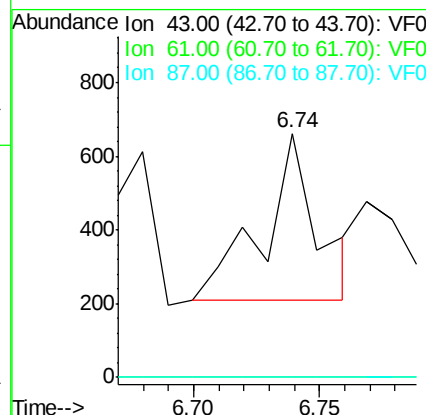
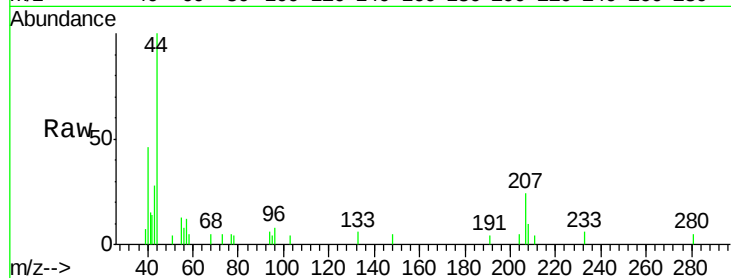


#43

Isopropyl Acetate
 Concen: 1859.636 ug/l
 RT: 6.74 min Scan# 630
 Delta R.T. -0.37 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

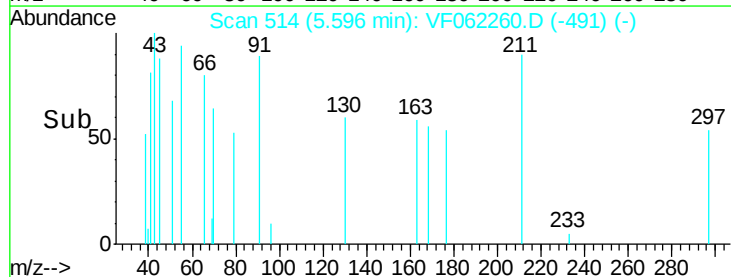
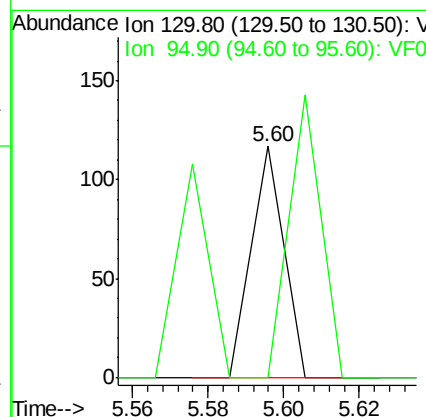
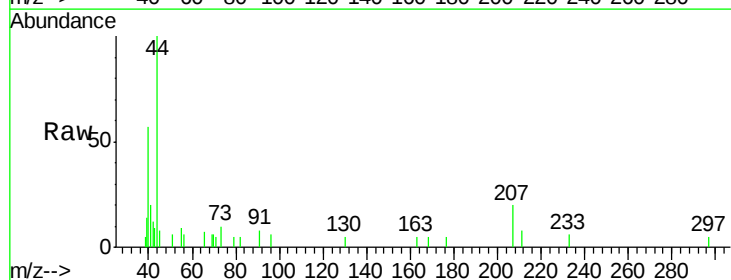
Tot Ion: 43 Resp: 675
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.4 36.6#
 87 0.0 0.4 0.6#

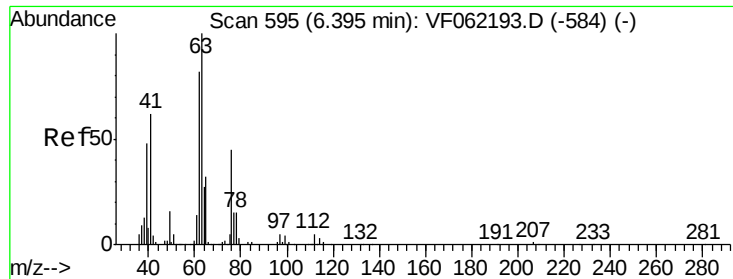


#44

Trichloroethene
 Concen: 133.111 ug/l
 RT: 5.60 min Scan# 514
 Delta R.T. -0.07 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion: 130 Resp: 69
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 191.4





#45

1,2-Dichloropropane

Concen: 141.993 ug/l

RT: 6.20 min Scan# 575

Delta R.T. -0.20 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

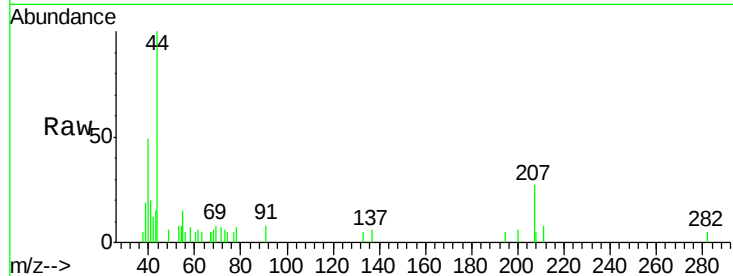
SA-06-041819-B

Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

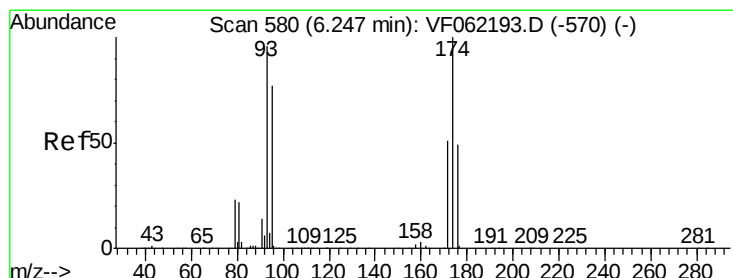
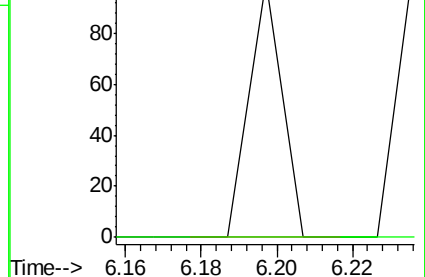
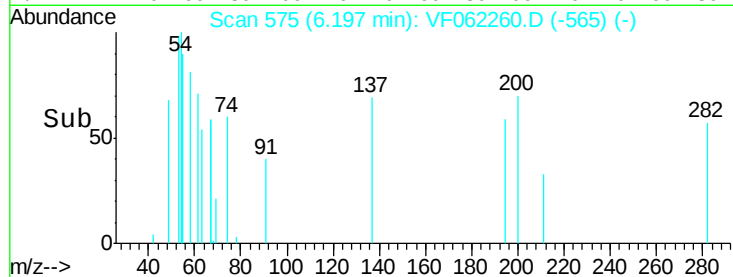
63 100

65 0.0 25.9 38.9#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



#46

Dibromomethane

Concen: 327.244 ug/l

RT: 5.85 min Scan# 540

Delta R.T. -0.40 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

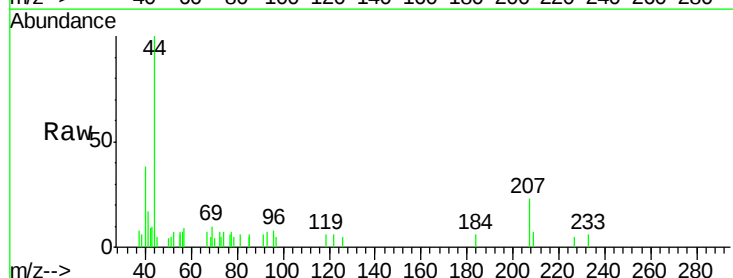
Tgt Ion: 93 Resp: 92

Ion Ratio Lower Upper

93 100

95 0.0 65.1 97.7#

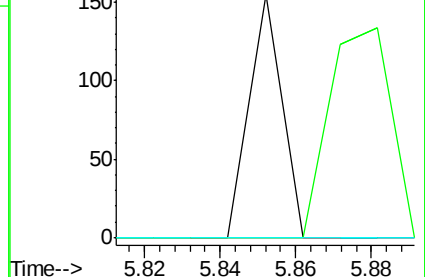
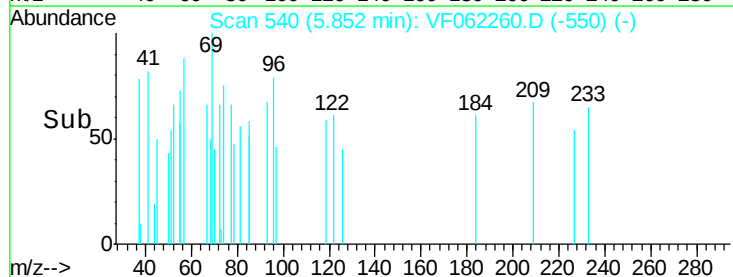
174 0.0 81.8 122.6#

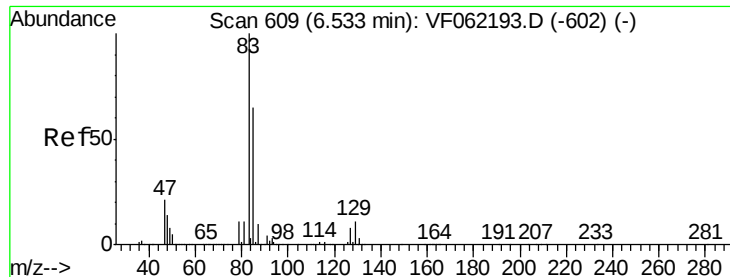


Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 204.911 ug/l

RT: 6.19 min Scan# 574

Delta R.T. -0.35 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

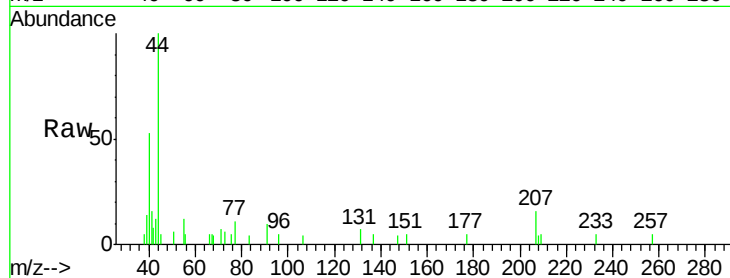
Tot Ion: 83 Resp: 130

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

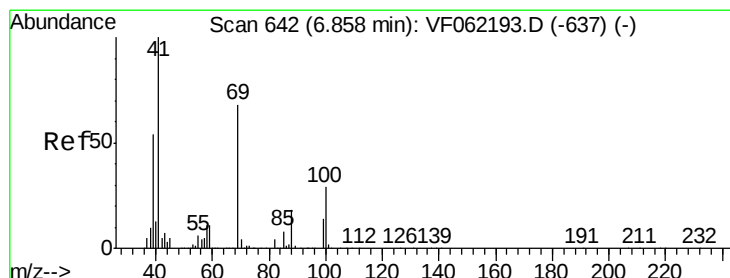
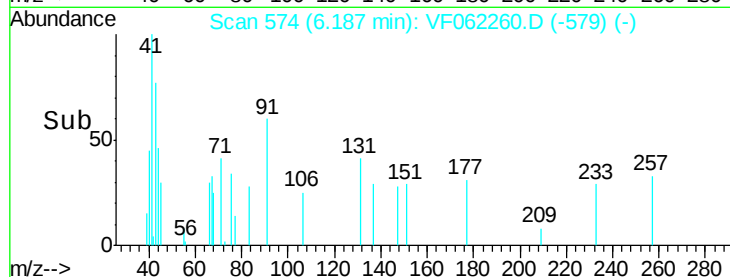
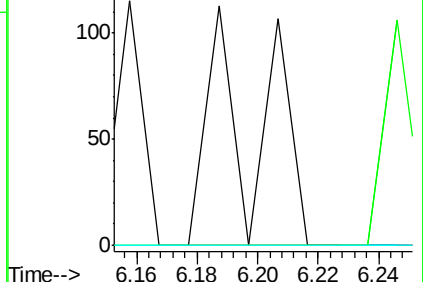
127 0.0 6.7 10.1#



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: 402.446 ug/l

RT: 6.60 min Scan# 616

Delta R.T. -0.26 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

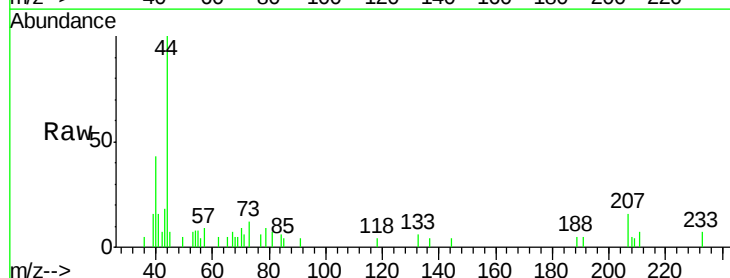
Tgt Ion: 41 Resp: 96

Ion Ratio Lower Upper

41 100

69 0.0 54.9 82.3#

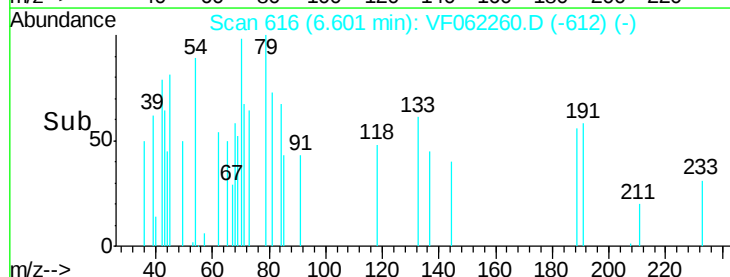
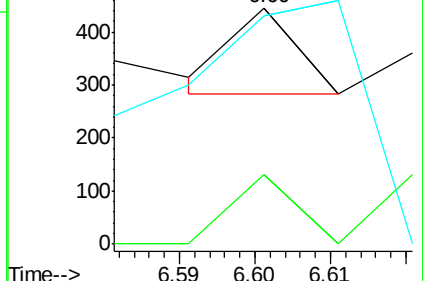
39 733.3 43.6 65.4#

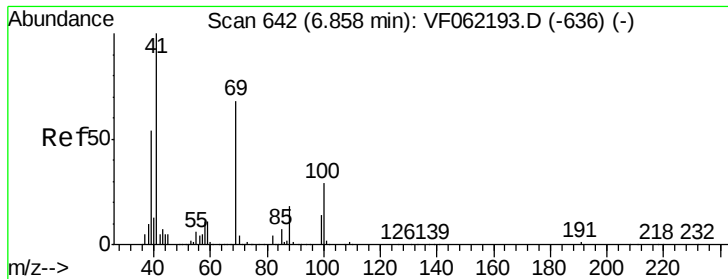


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

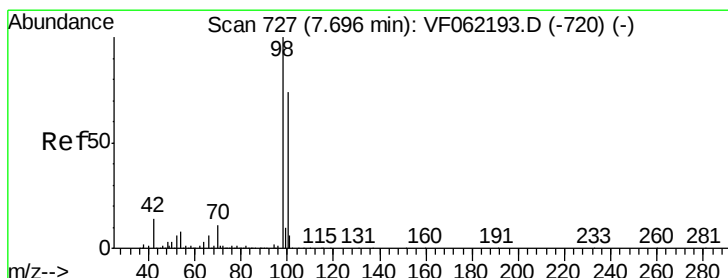
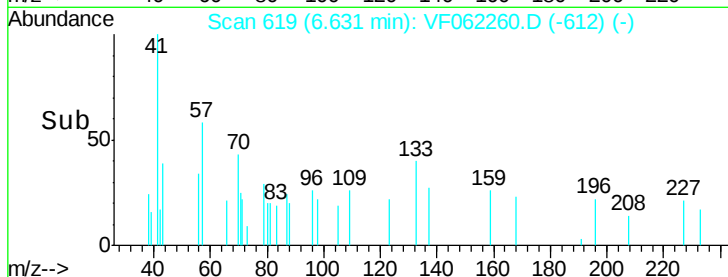
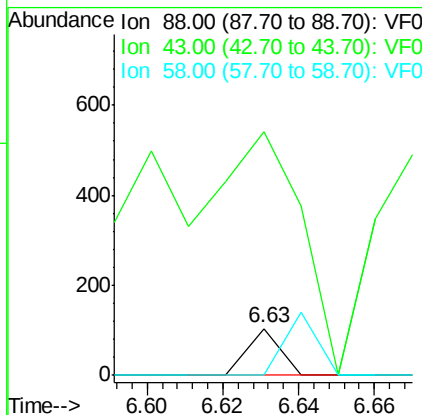
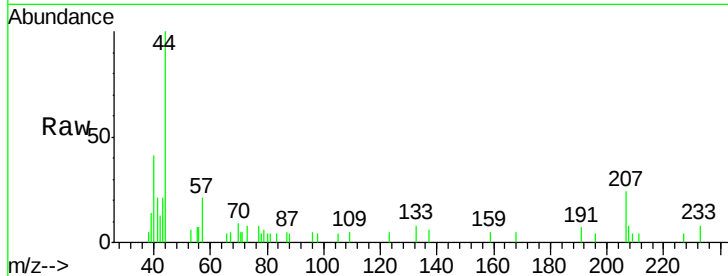




#49
1,4-Dioxane
Concen: 22297.799 ug/l
RT: 6.63 min Scan# 619
Delta R.T. -0.23 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

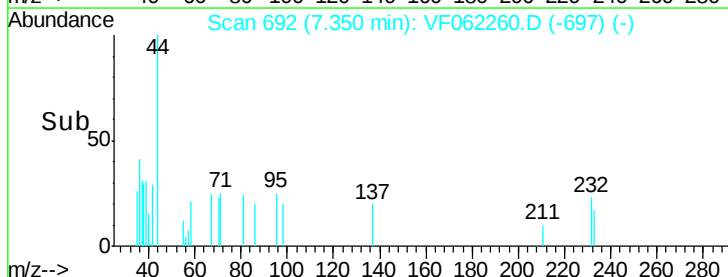
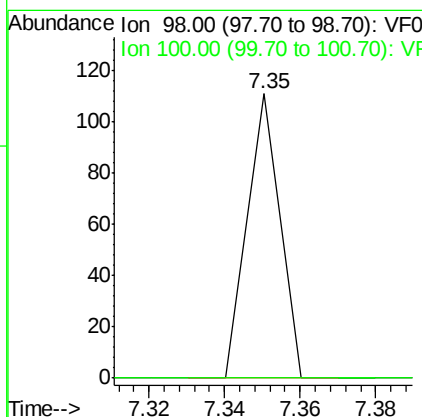
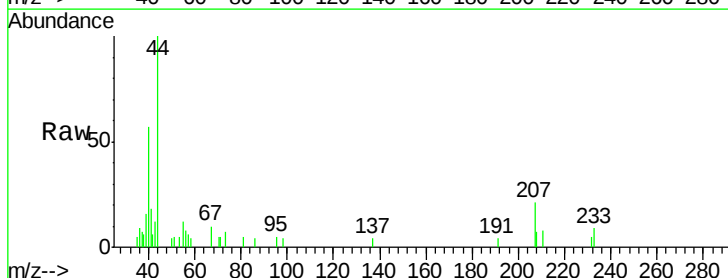
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

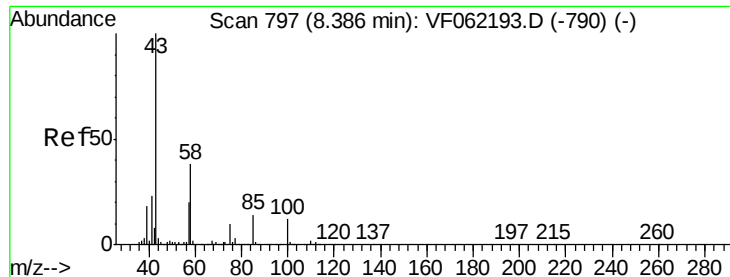
Tot Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 36.9 55.3#
58 136.1 56.8 85.2#



#50
Toluene-d8
Concen: 48.863 ug/l
RT: 7.35 min Scan# 692
Delta R.T. -0.35 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 98 Resp: 66
Ion Ratio Lower Upper
98 100
100 0.0 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 7167.356 ug/l

RT: 8.03 min Scan# 761

Delta R.T. -0.36 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

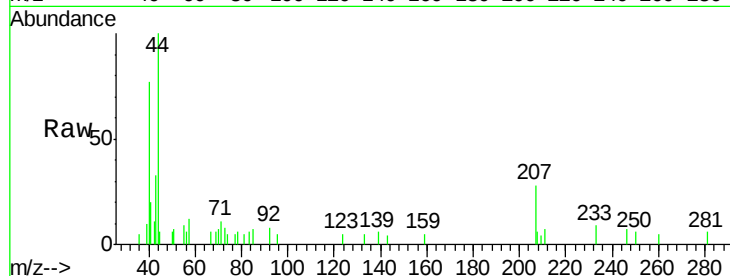
SA-06-041819-B

Tot Ion: 43 Resp: 1935

Ion Ratio Lower Upper

43 100

58 6.6 29.3 43.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.03

600

400

200

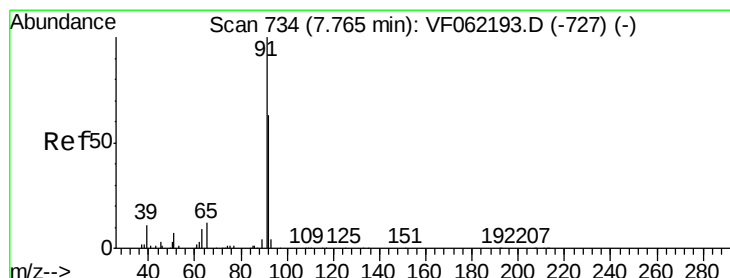
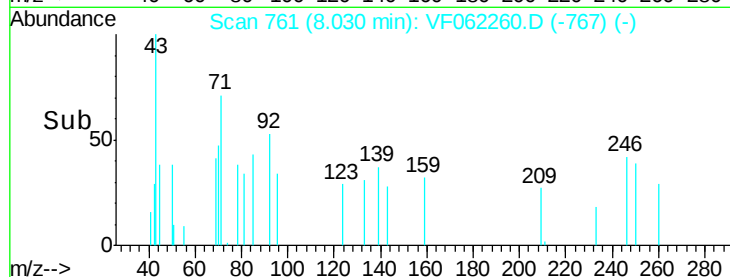
0

7.95

8.00

8.05

Time-->



#52

Toluene

Concen: 133.506 ug/l

RT: 7.21 min Scan# 678

Delta R.T. -0.55 min

Lab File: VF062260.D

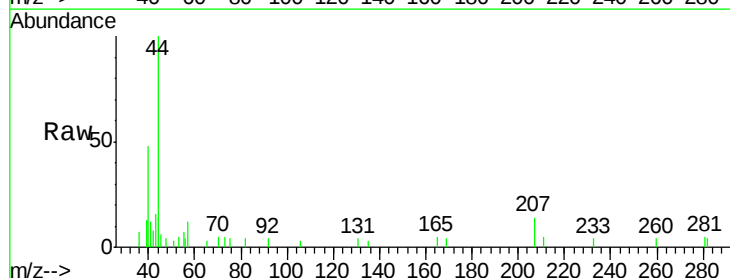
Acq: 23 Apr 2019 13:30

Tgt Ion: 92 Resp: 135

Ion Ratio Lower Upper

92 100

91 154.1 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.21

250

200

150

100

50

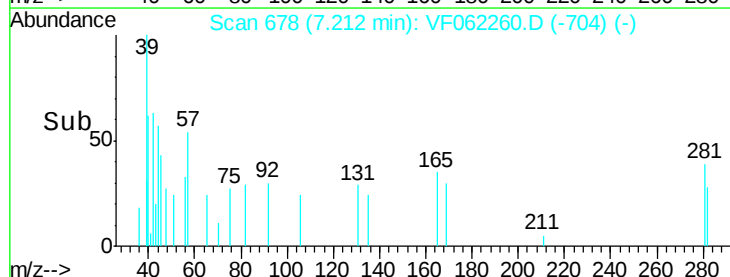
0

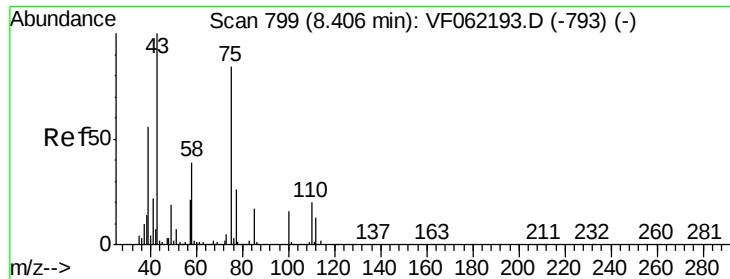
7.20

7.22

7.24

Time-->

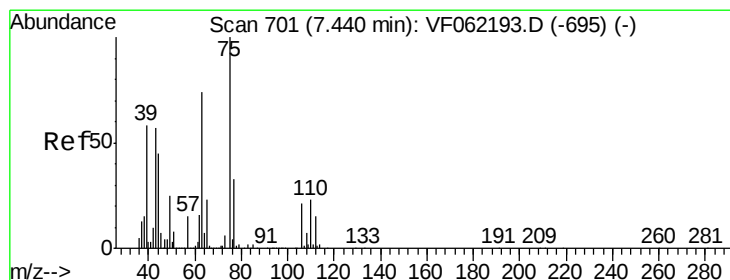
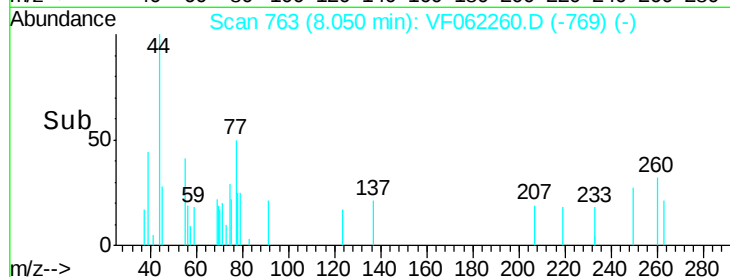
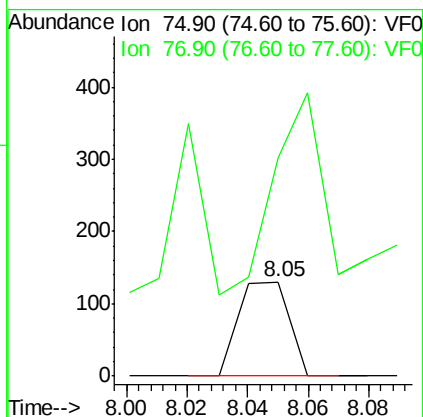
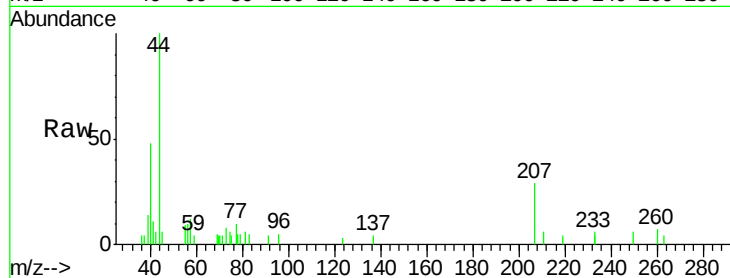




#53
 t-1,3-Dichloropropene
 Concen: 321.088 ug/l
 RT: 8.05 min Scan# 763
 Delta R.T. -0.36 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

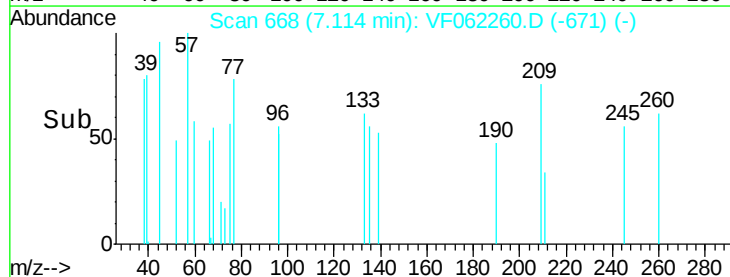
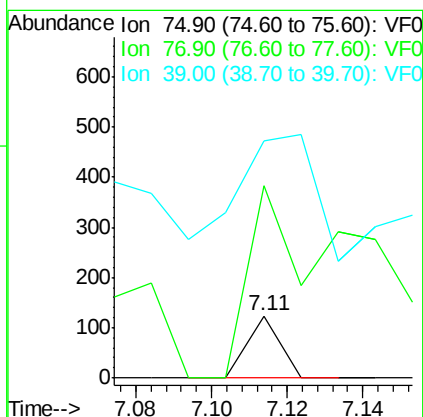
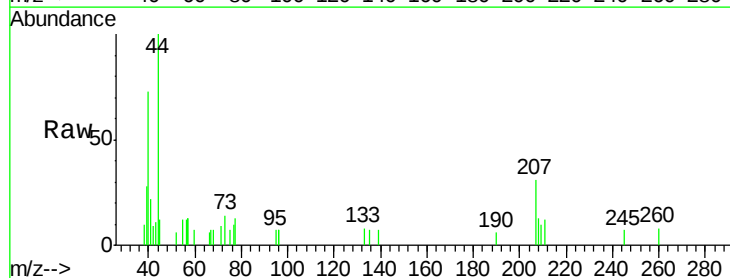
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

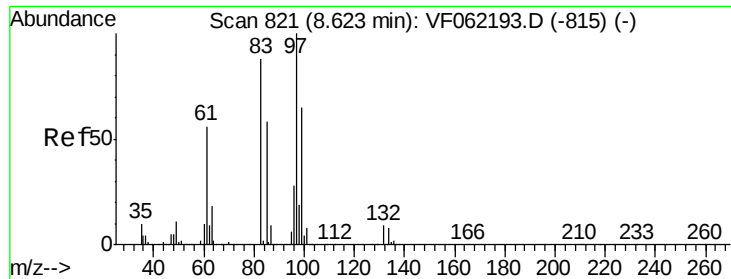
Tot Ion: 75 Resp: 153
 Ion Ratio Lower Upper
 75 100
 77 123.8 24.6 36.8#



#54
 cis-1,3-Dichloropropene
 Concen: 113.258 ug/l
 RT: 7.11 min Scan# 668
 Delta R.T. -0.33 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 77 312.2 26.4 39.6#
 39 195.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 215.338 ug/l

RT: 8.28 min Scan# 786

Delta R.T. -0.35 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

Tot Ion: 97 Resp: 61

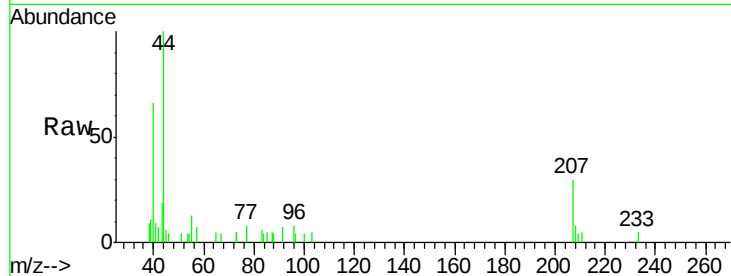
Ion Ratio Lower Upper

97 100

83 17.5 70.2 105.2#

85 134.0 46.2 69.4#

99 0.0 52.2 78.4#

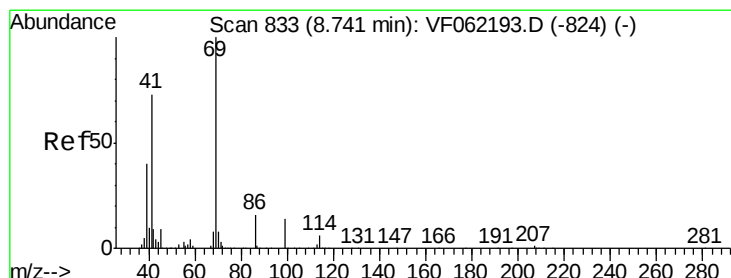
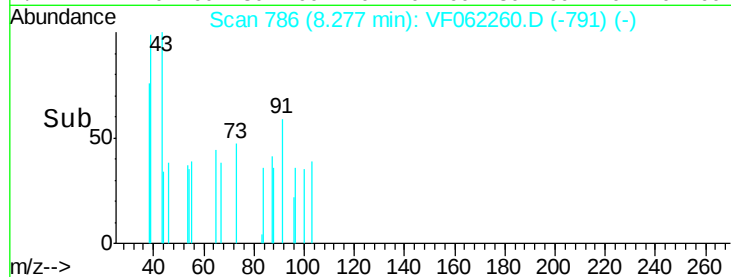
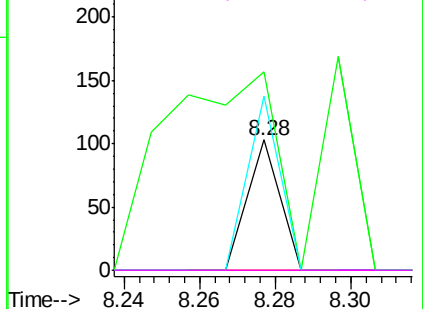


Abundance Ion 96.90 (96.60 to 97.60): VF0

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: 593.038 ug/l

RT: 8.40 min Scan# 799

Delta R.T. -0.34 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

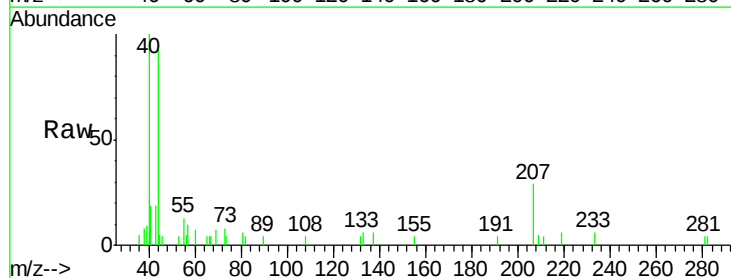
Tgt Ion: 69 Resp: 191

Ion Ratio Lower Upper

69 100

41 318.3 61.5 92.3#

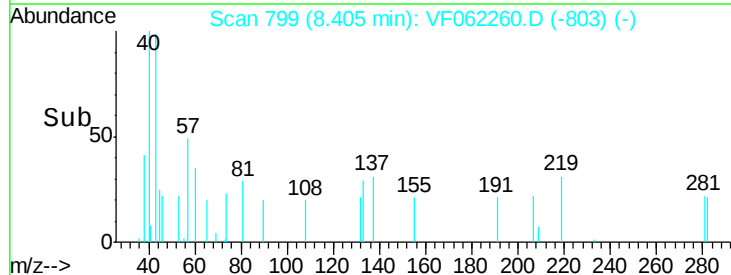
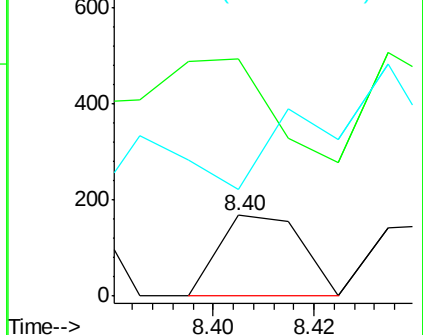
39 0.0 33.3 49.9#

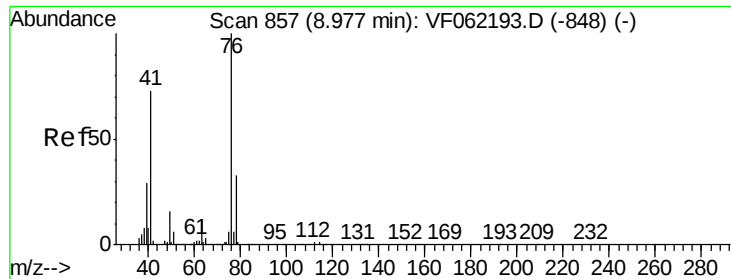


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 194.567 ug/l

RT: 8.52 min Scan# 811

Delta R.T. -0.45 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

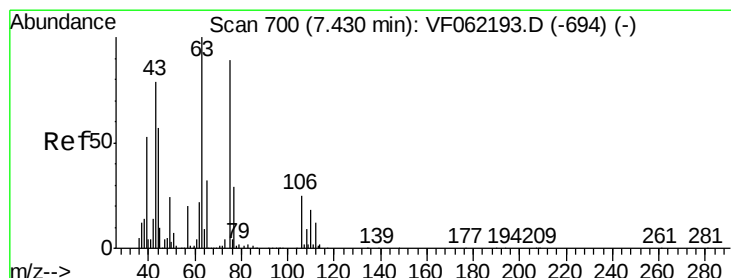
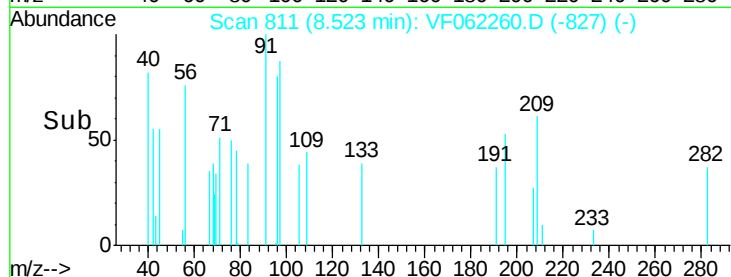
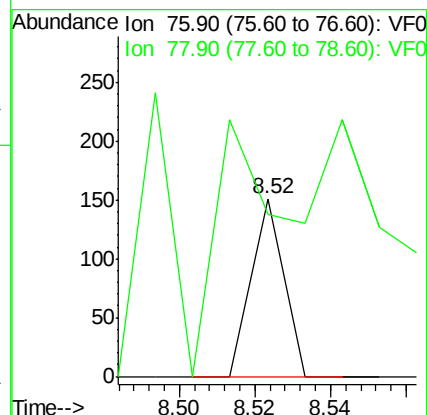
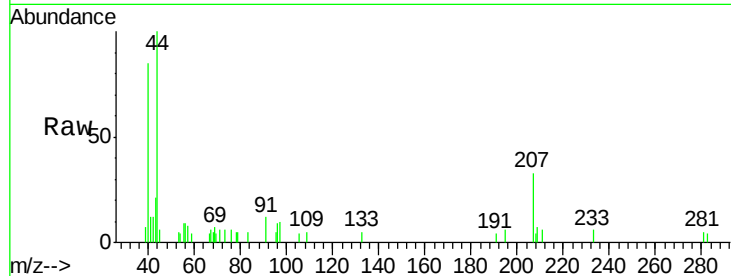
SA-06-041819-B

Tot Ion: 76 Resp: 89

Ion Ratio Lower Upper

76 100

78 322.5 26.5 39.7#



#58

2-Chloroethyl Vinyl ether

Concen: 641.657 ug/l

RT: 7.12 min Scan# 669

Delta R.T. -0.31 min

Lab File: VF062260.D

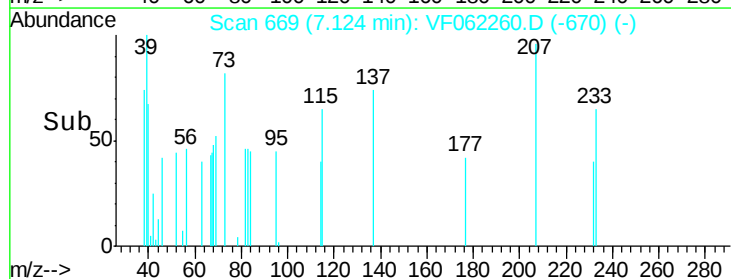
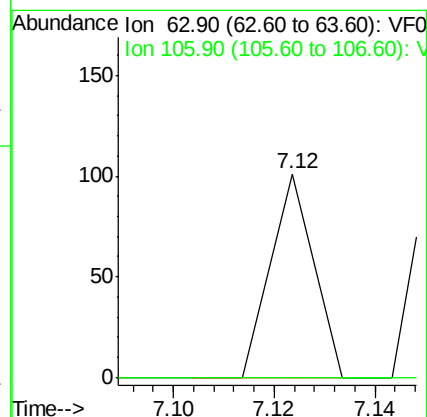
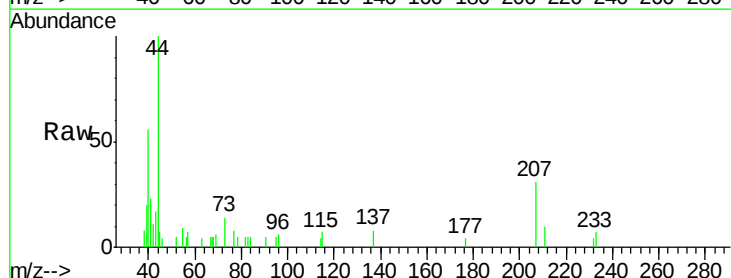
Acq: 23 Apr 2019 13:30

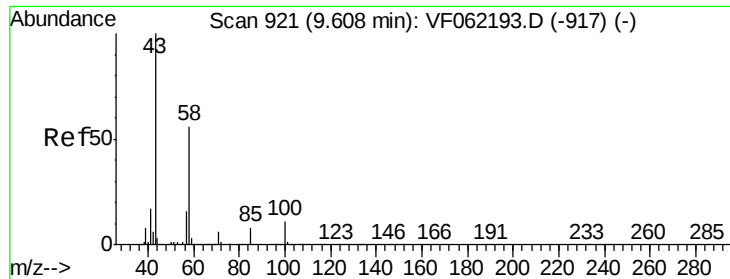
Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#

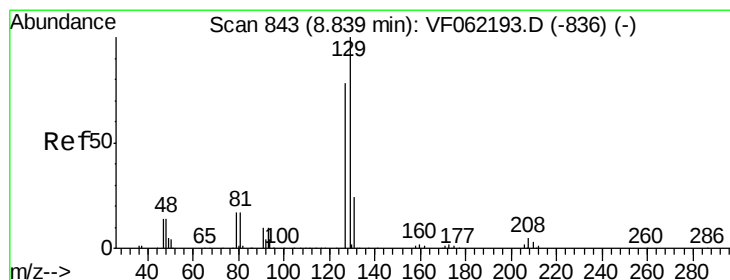
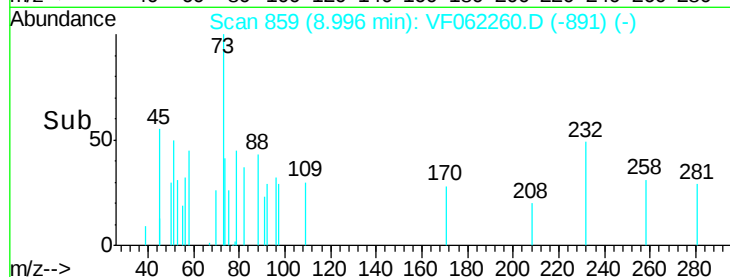
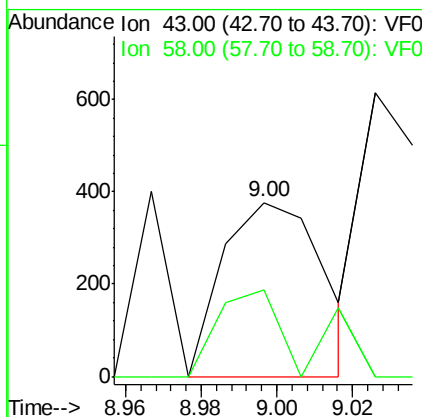
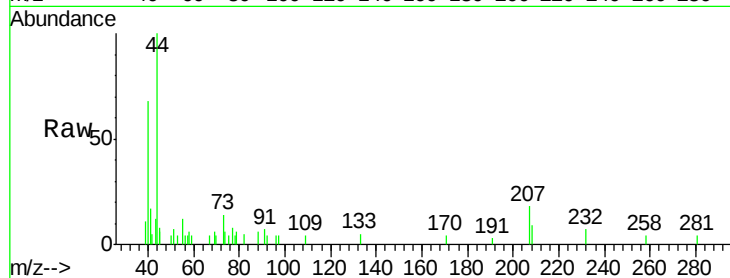




#59
2-Hexanone
Concen: 4096.349 ug/l
RT: 9.00 min Scan# 859
Delta R.T. -0.61 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

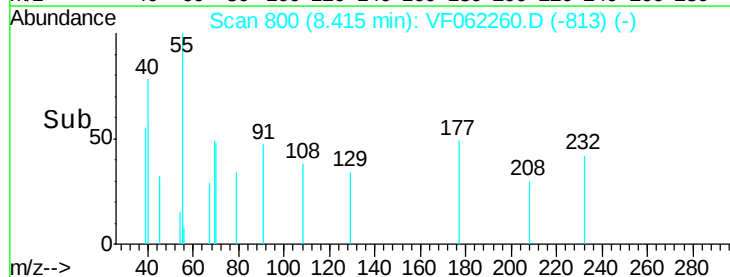
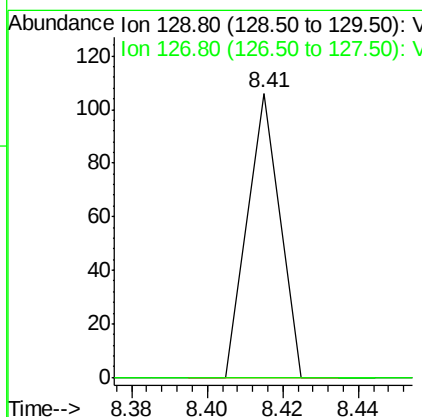
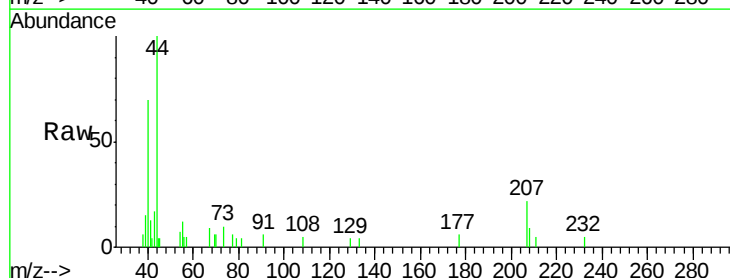
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

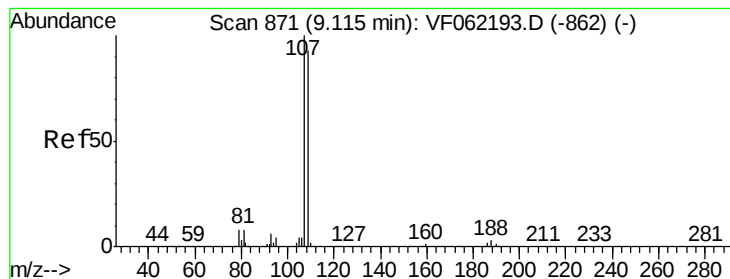
Tot Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 42.5 24.6 74.0



#60
Dibromochloromethane
Concen: 149.542 ug/l
RT: 8.41 min Scan# 800
Delta R.T. -0.42 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#





#61

1,2-Dibromoethane

Concen: 385.405 ug/l

RT: 8.67 min Scan# 826

Delta R.T. -0.44 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

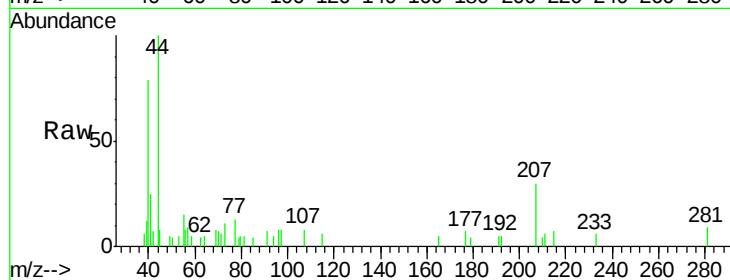
SA-06-041819-B

Tot Ion: 107 Resp: 123

Ion Ratio Lower Upper

107 100

109 54.5 74.3 111.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.67

200

150

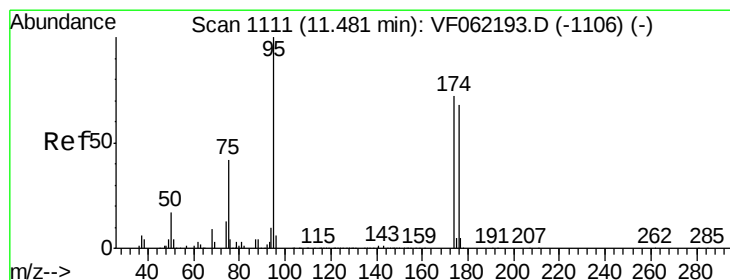
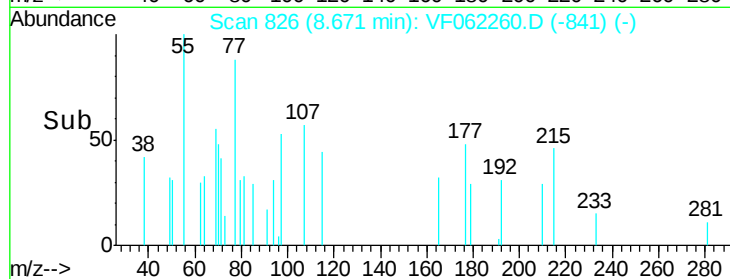
100

50

0

8.64 8.66 8.68 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 631.244 ug/l

RT: 11.01 min Scan# 1063

Delta R.T. -0.47 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

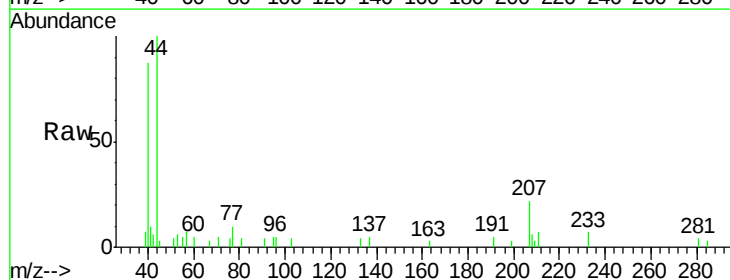
Tgt Ion: 95 Resp: 328

Ion Ratio Lower Upper

95 100

174 0.0 0.0 159.4

176 0.0 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

200

150

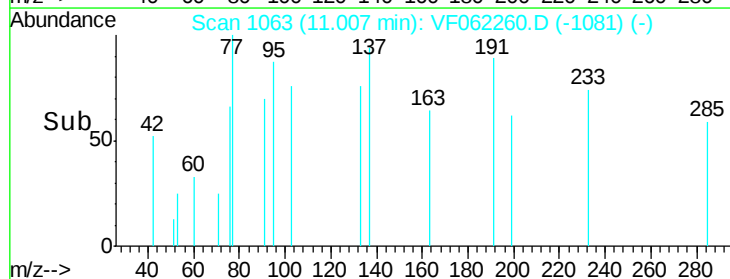
100

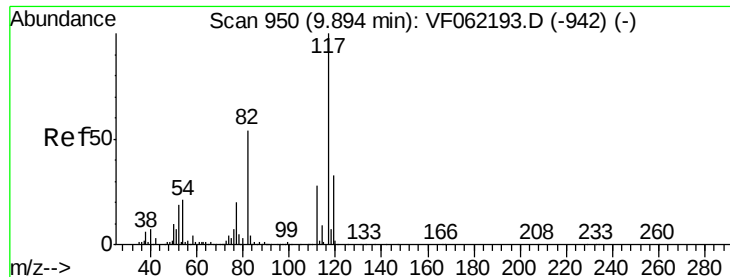
50

0

10.95 11.00

Time-->

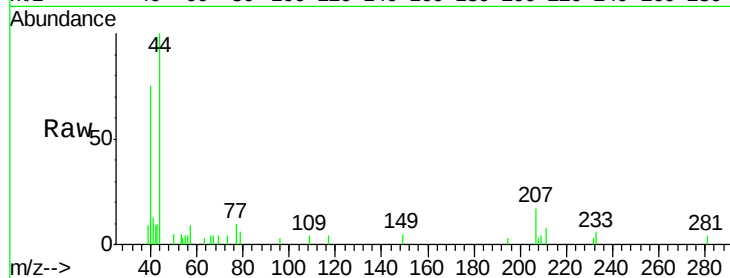




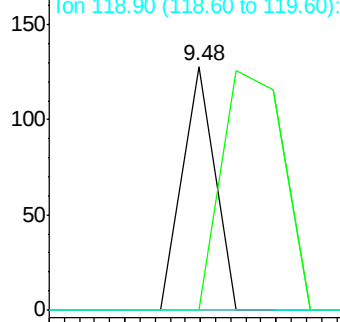
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.48 min Scan# 908
Delta R.T. -0.41 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

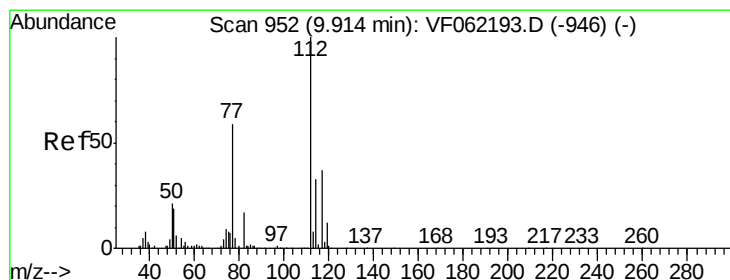
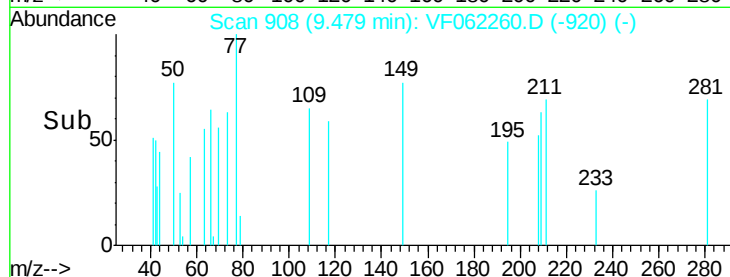
Tot Ion:117 Resp: 76
Ion Ratio Lower Upper
117 100
82 0.0 43.2 64.8#
119 0.0 26.2 39.4#



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

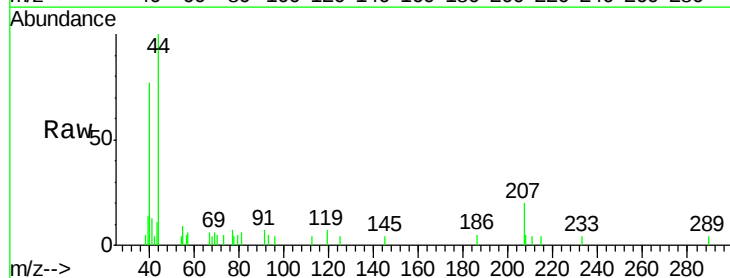


Time--> 9.44 9.46 9.48 9.50

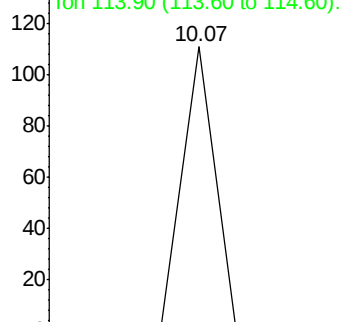


#65
Chlorobenzene
Concen: 40.727 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.16 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

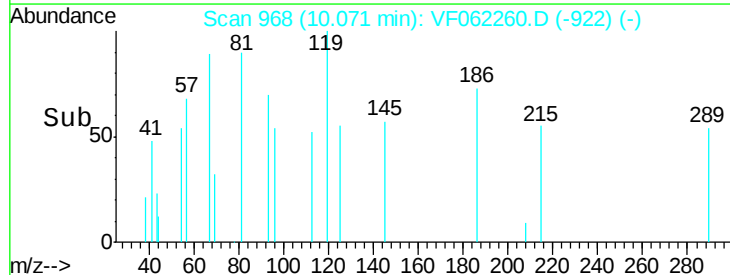
Tgt Ion:112 Resp: 66
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#

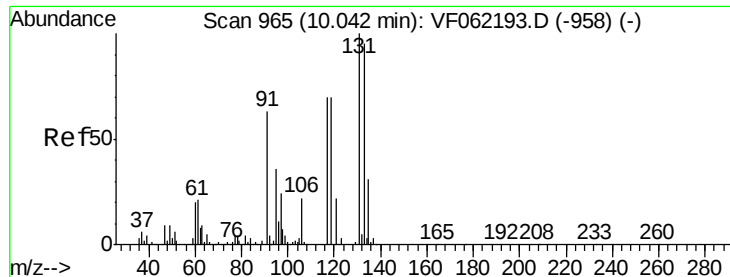


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



Time--> 10.04 10.06 10.08 10.10





#66

1,1,1,2-Tetrachloroethane

Concen: 108.052 ug/l

RT: 10.25 min Scan# 986

Delta R.T. 0.21 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

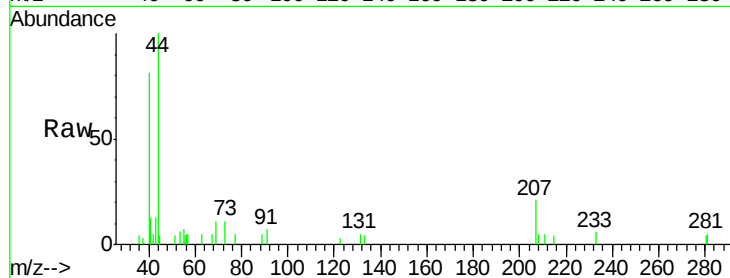
Tot Ion:131 Resp: 82

Ion Ratio Lower Upper

131 100

133 537.8 47.7 143.1#

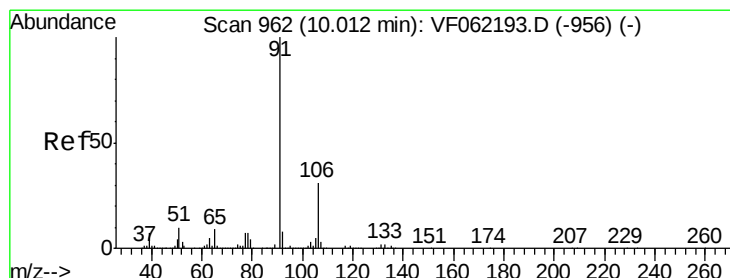
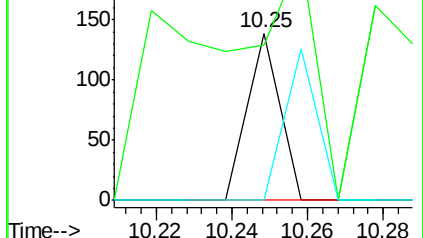
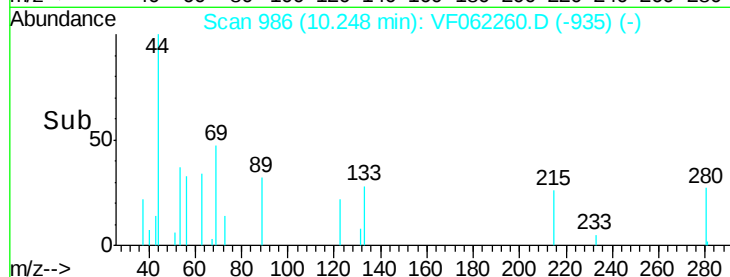
119 90.2 34.6 103.9



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: 185.967 ug/l

RT: 10.00 min Scan# 961

Delta R.T. -0.01 min

Lab File: VF062260.D

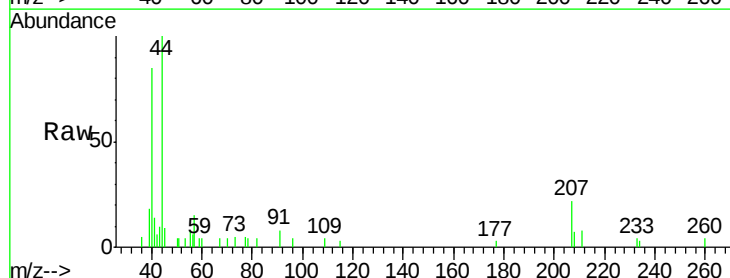
Acq: 23 Apr 2019 13:30

Tgt Ion: 91 Resp: 548

Ion Ratio Lower Upper

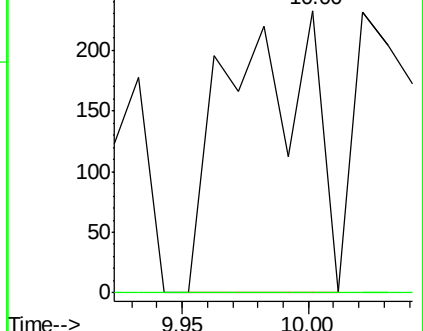
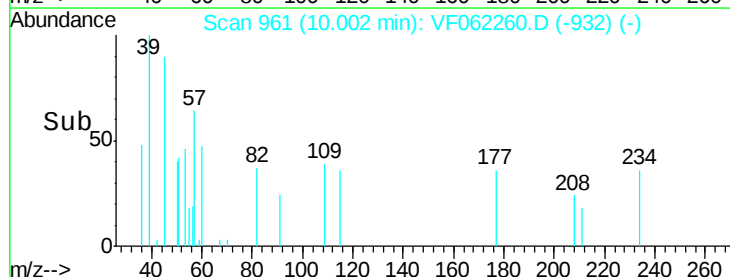
91 100

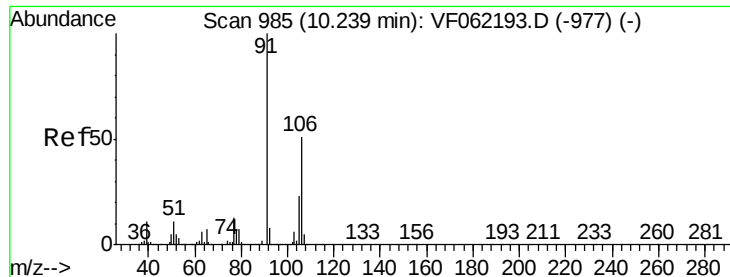
106 0.0 24.9 37.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

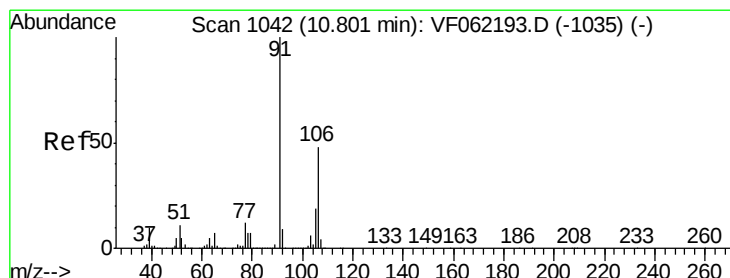
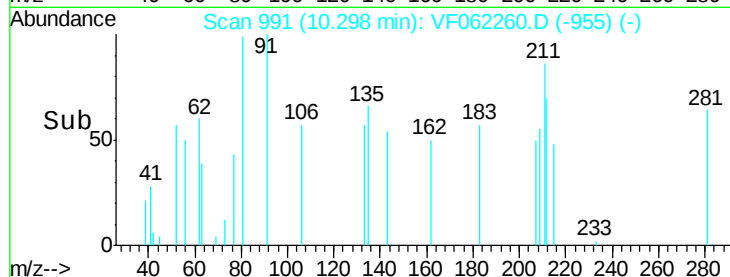
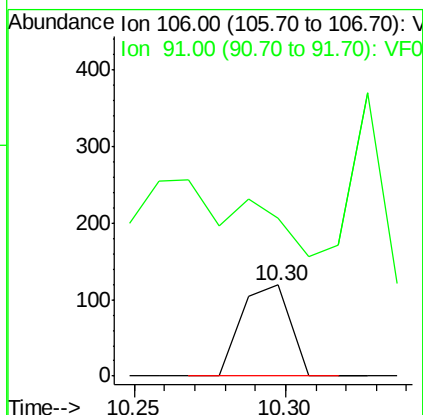
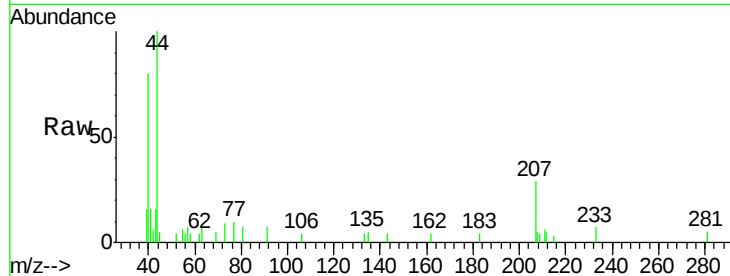




#68
m/p-Xylenes
Concen: 121.684 ug/l
RT: 10.30 min Scan# 991
Delta R.T. 0.06 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

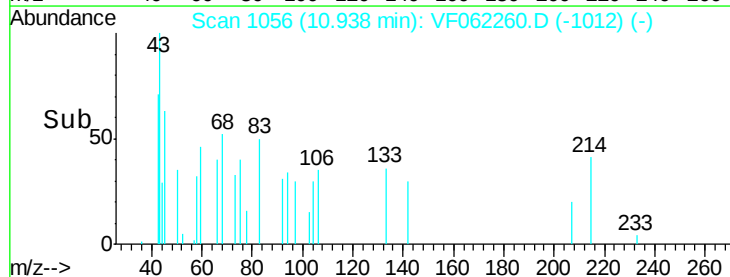
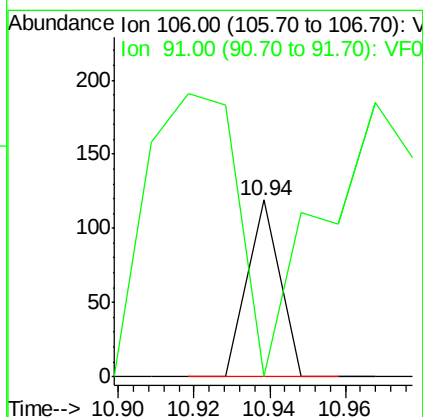
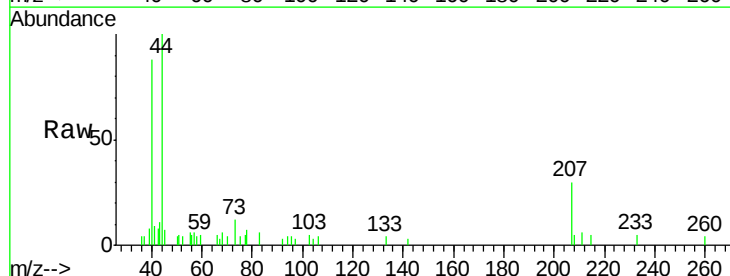
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

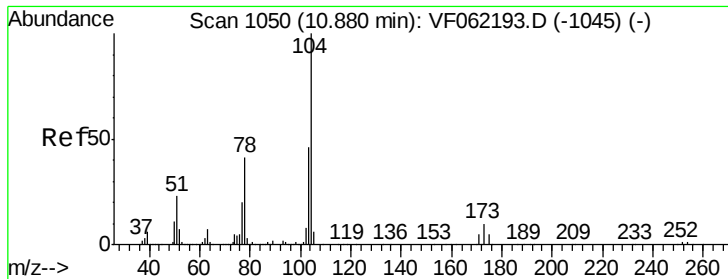
Tot Ion:106 Resp: 132
Ion Ratio Lower Upper
106 100
91 0.0 159.1 238.7#



#69
o-Xylene
Concen: 58.120 ug/l
RT: 10.94 min Scan# 1056
Delta R.T. 0.14 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion:106 Resp: 70
Ion Ratio Lower Upper
106 100
91 450.0 107.5 322.4#





#70

Stvrene

Concen: 35.301 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

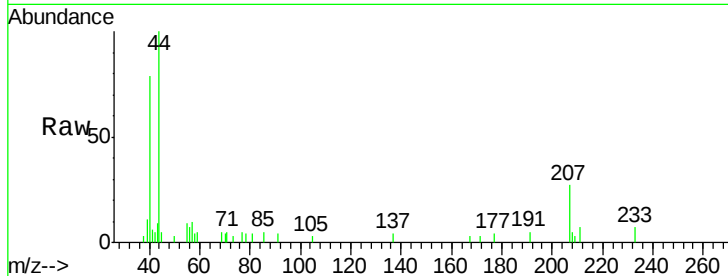
Tot Ion:104 Resp: 60

Ion Ratio Lower Upper

104 100

78 370.0 34.5 51.7#

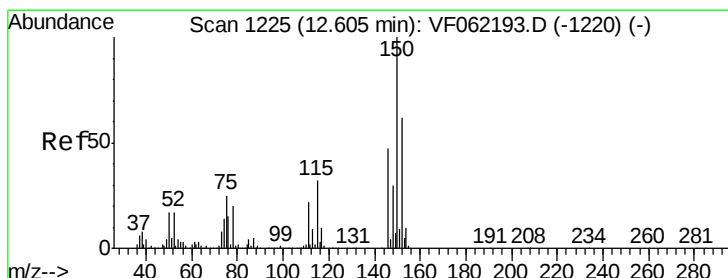
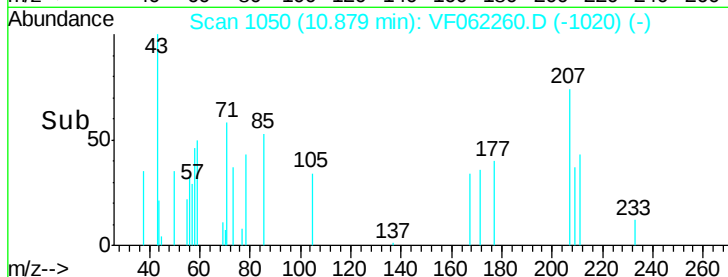
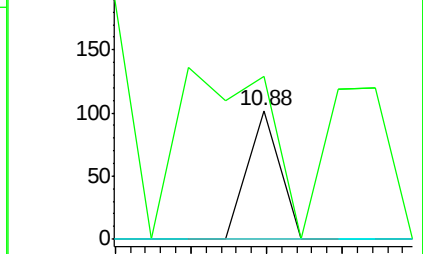
103 0.0 37.2 55.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.03 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

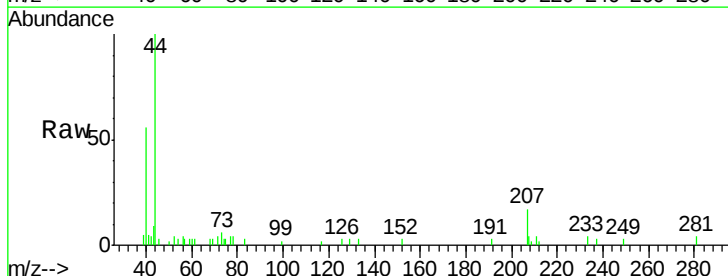
Tgt Ion:152 Resp: 81

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.3#

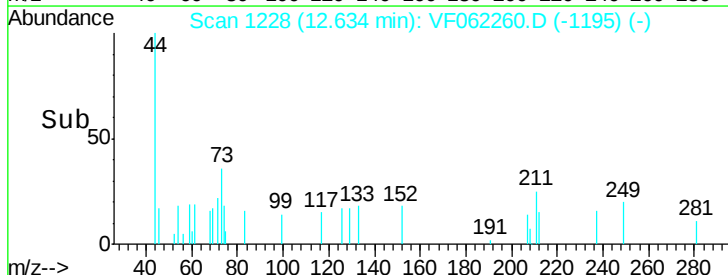
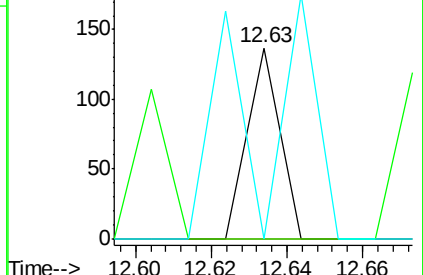
150 246.9 0.0 341.8

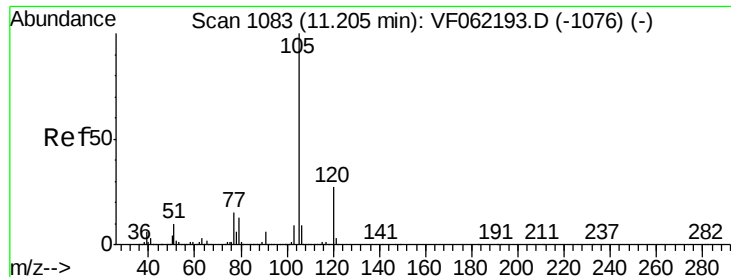


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.572 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

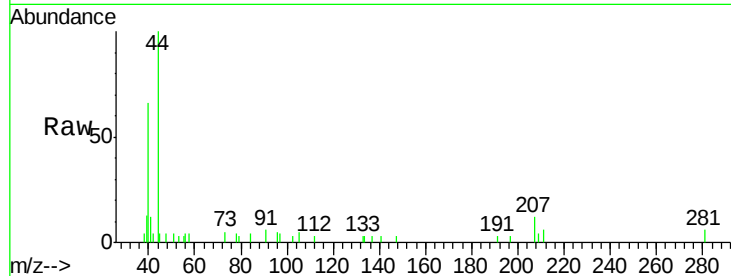
SA-06-041819-B

Tot Ion:105 Resp: 331

Ion Ratio Lower Upper

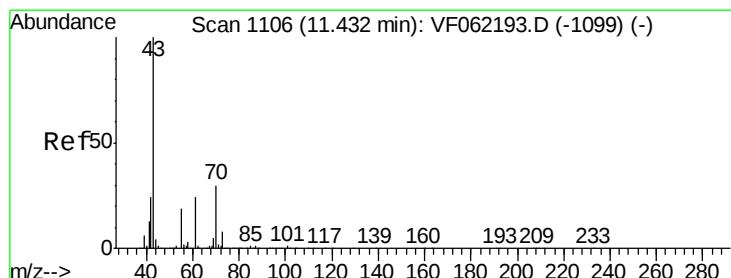
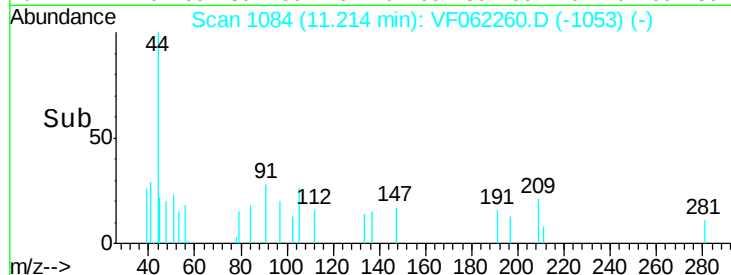
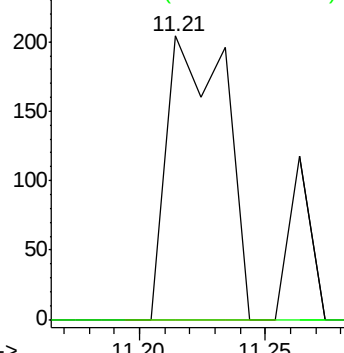
105 100

120 0.0 13.0 38.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1399.806 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Tgt Ion: 43 Resp: 2213

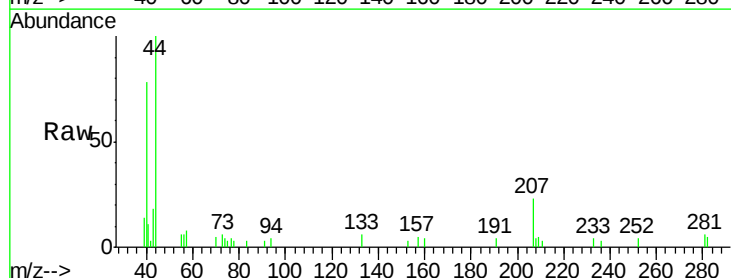
Ion Ratio Lower Upper

43 100

70 3.5 27.0 40.4#

55 25.1 15.7 23.5#

61 0.0 20.8 31.2#

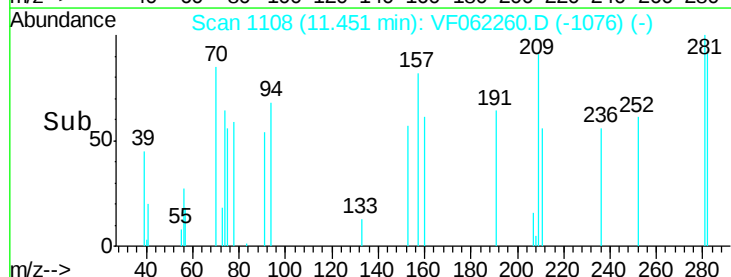
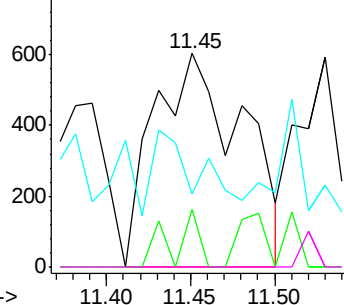


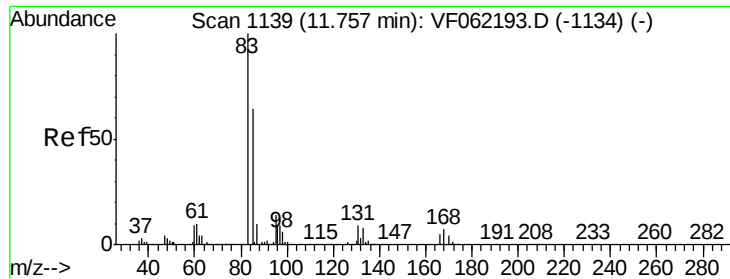
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.663 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

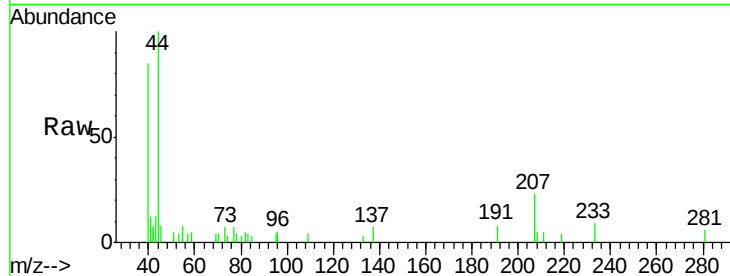
Tot Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

131 89.9 4.5 13.5#

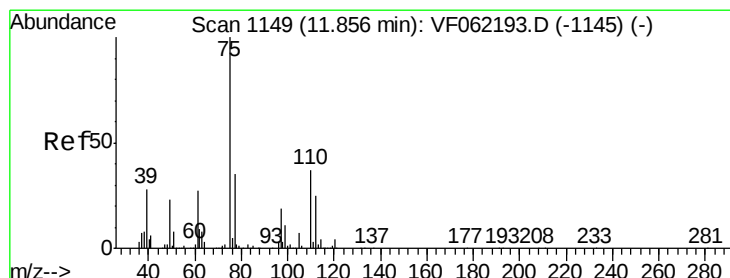
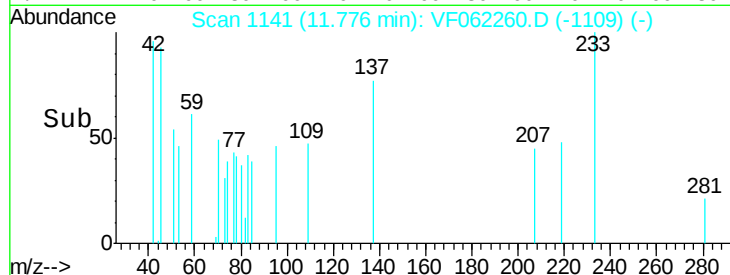
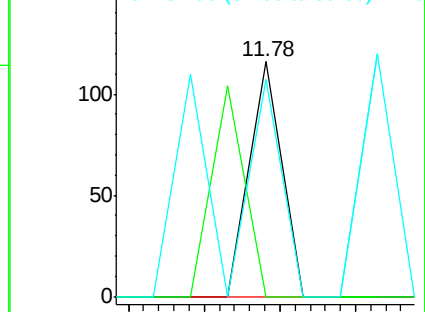
85 185.5 34.7 104.1#



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: 191.919 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. 0.05 min

Lab File: VF062260.D

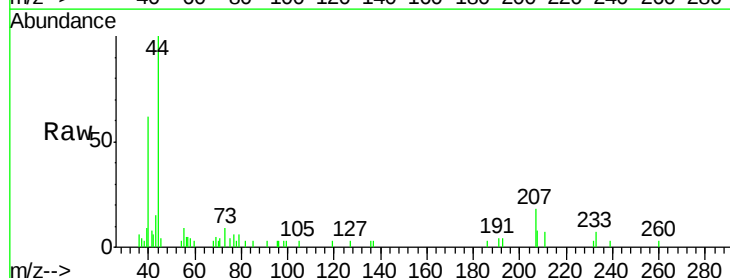
Acq: 23 Apr 2019 13:30

Tgt Ion: 75 Resp: 158

Ion Ratio Lower Upper

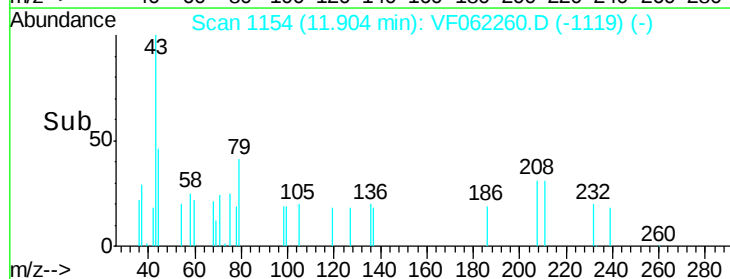
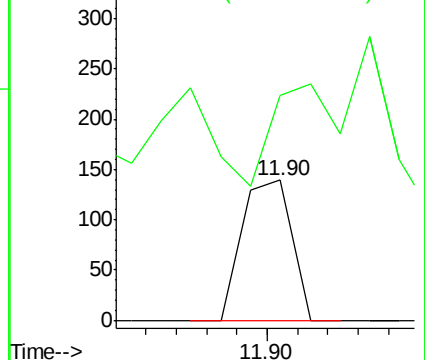
75 100

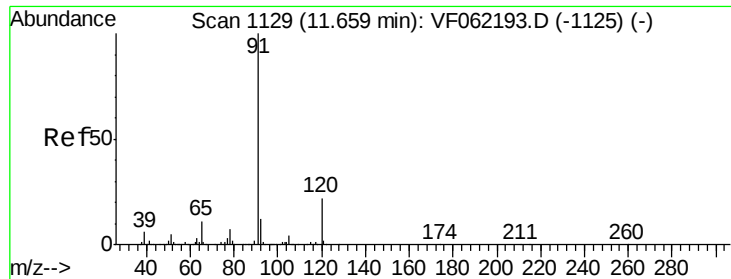
77 0.0 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 48.774 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.20 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

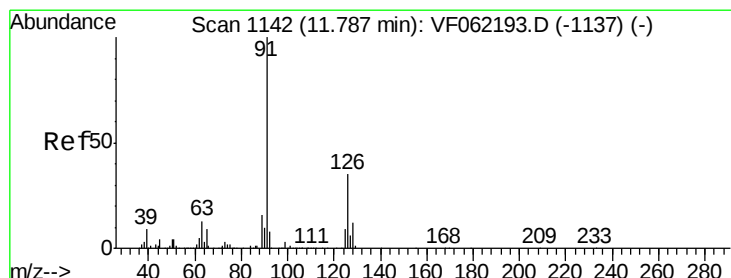
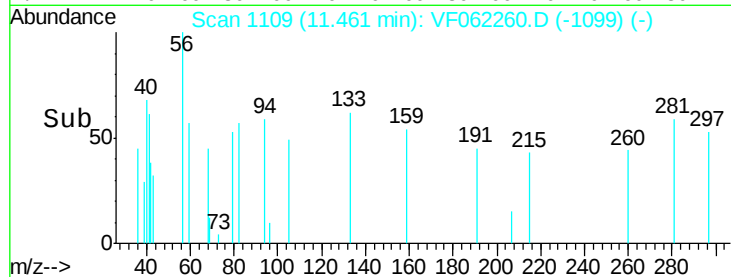
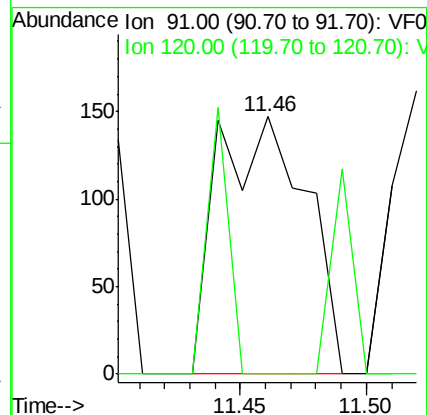
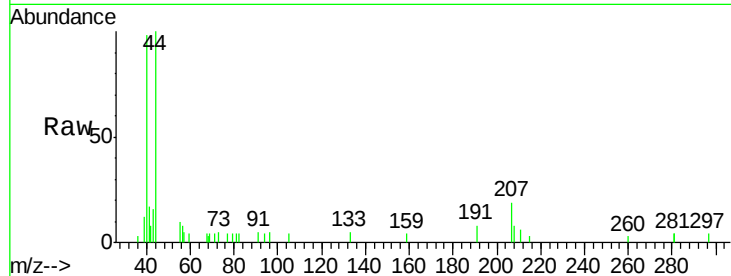
SA-06-041819-B

Tot Ion: 91 Resp: 358

Ion Ratio Lower Upper

91 100

120 25.1 11.2 33.6



#79

2-Chlorotoluene

Concen: 155.420 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062260.D

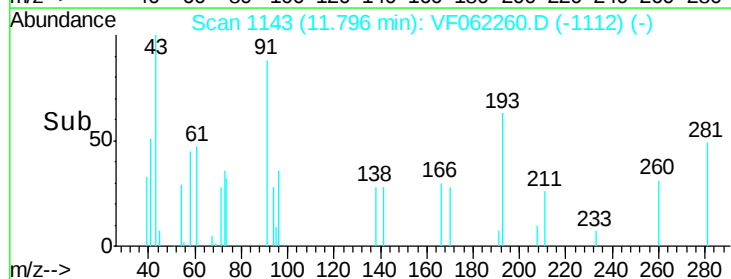
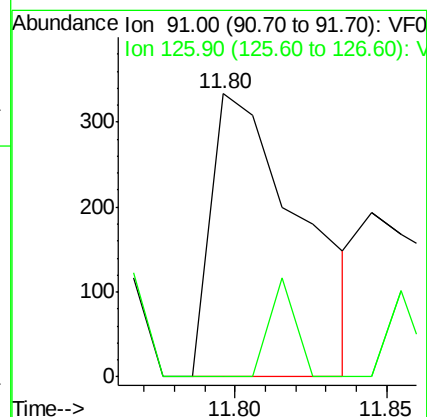
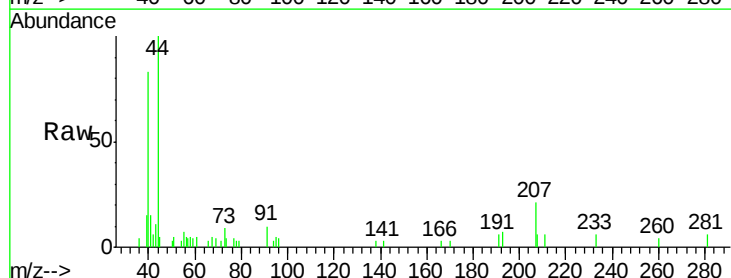
Acq: 23 Apr 2019 13:30

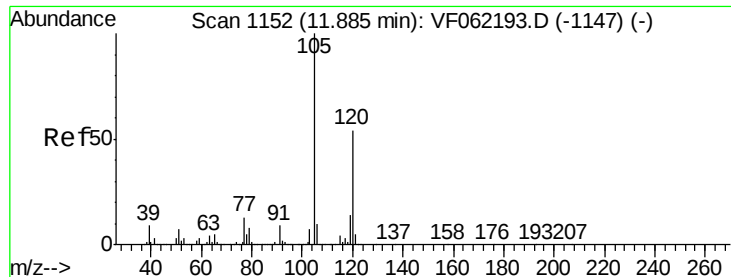
Tgt Ion: 91 Resp: 692

Ion Ratio Lower Upper

91 100

126 10.0 16.9 50.6#





#80

1,3,5-Trimethylbenzene

Concen: 24.331 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.11 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

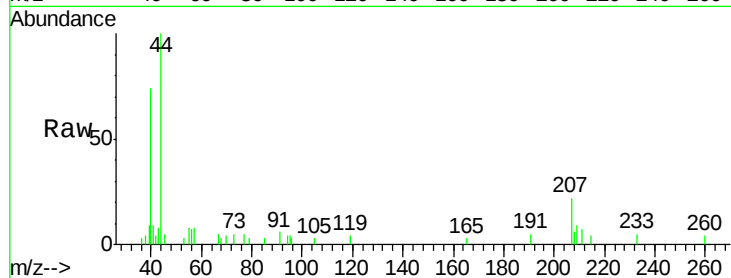
SA-06-041819-B

Tot Ion:105 Resp: 141

Ion Ratio Lower Upper

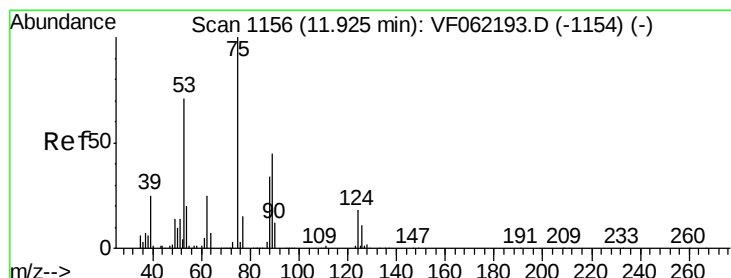
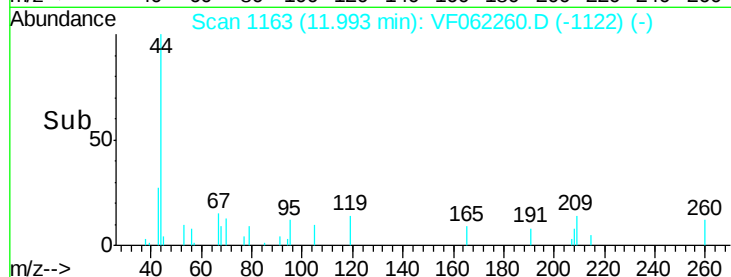
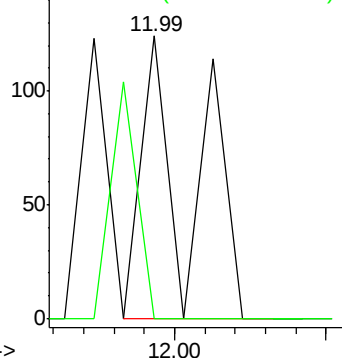
105 100

120 44.0 26.2 78.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 376.312 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. -0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

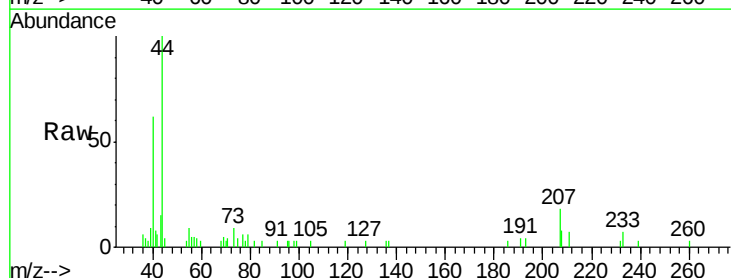
Tgt Ion: 75 Resp: 158

Ion Ratio Lower Upper

75 100

53 0.0 50.2 75.4#

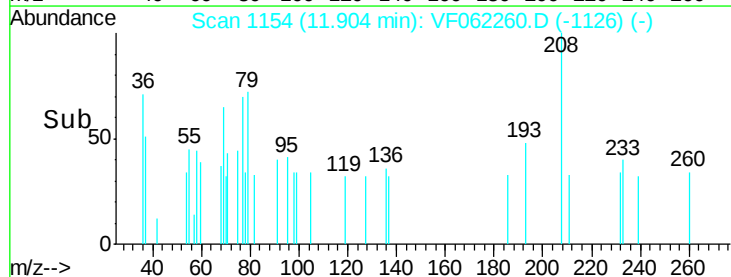
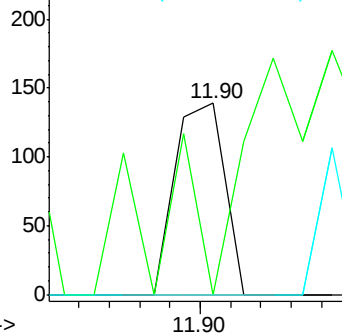
89 0.0 0.0 0.0

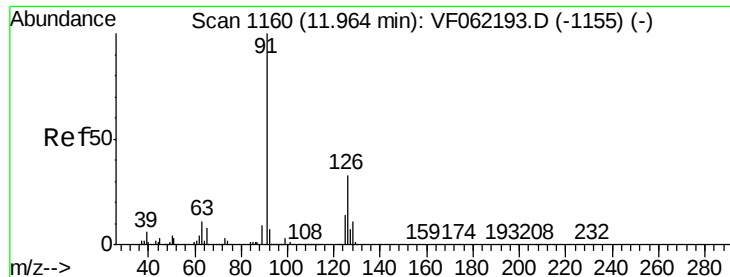


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0

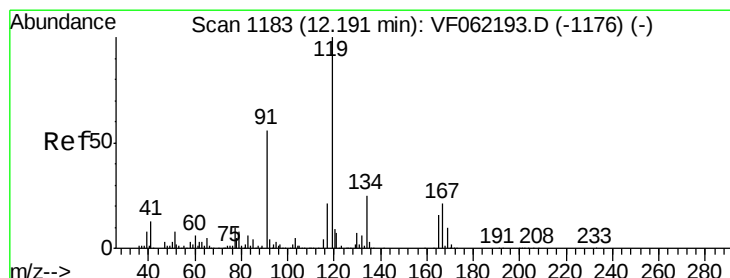
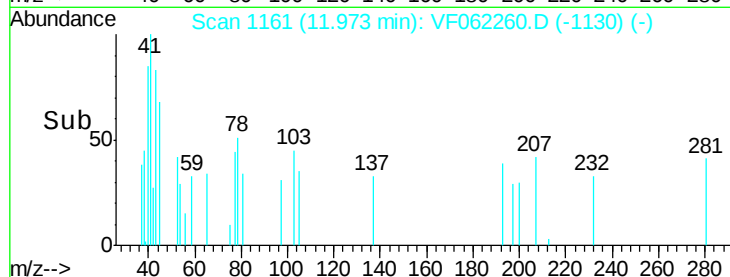
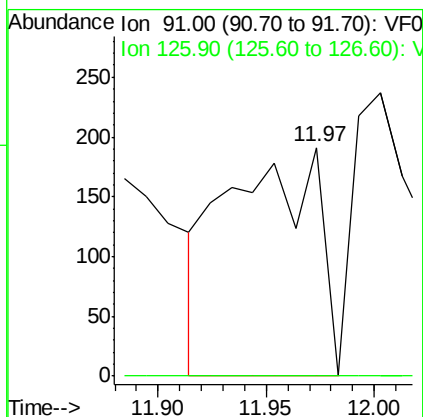
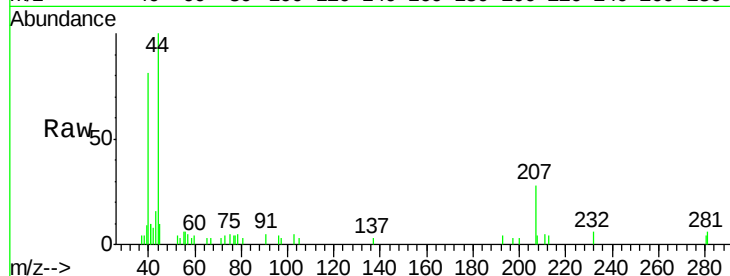




#82
4-Chlorotoluene
Concen: 130.375 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

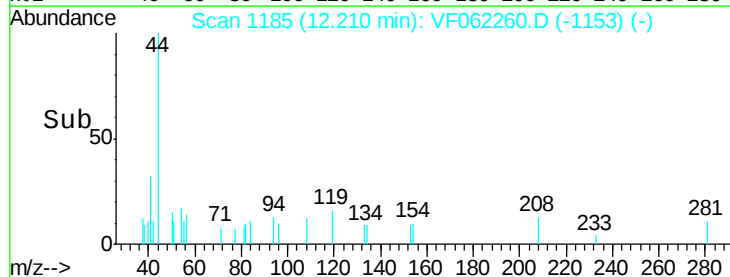
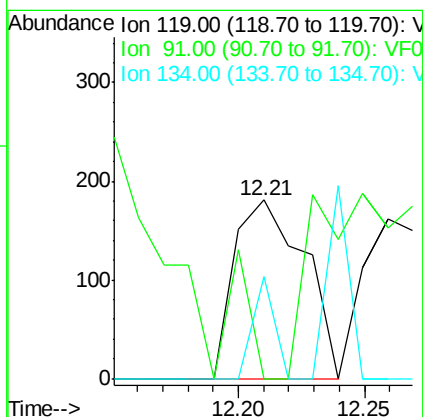
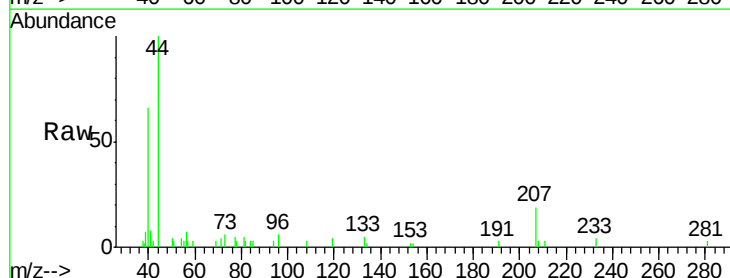
Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-B

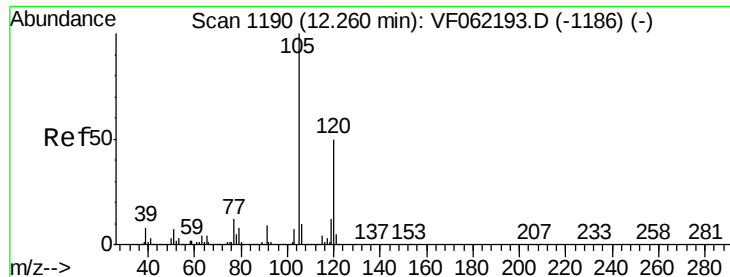
Tot Ion: 91 Resp: 561
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#83
tert-Butylbenzene
Concen: 58.569 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VF062260.D
Acq: 23 Apr 2019 13:30

Tgt Ion: 119 Resp: 351
Ion Ratio Lower Upper
119 100
91 0.0 29.4 88.2#
134 17.4 11.8 35.3

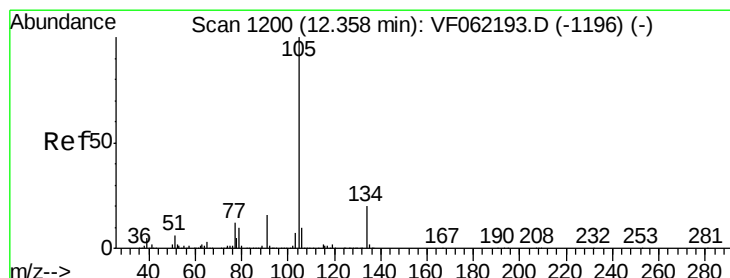
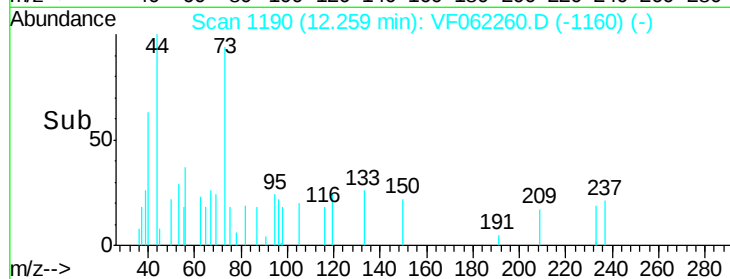
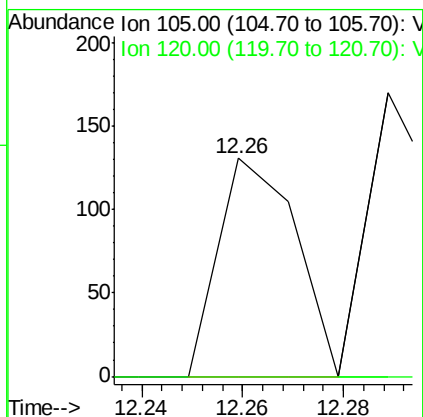
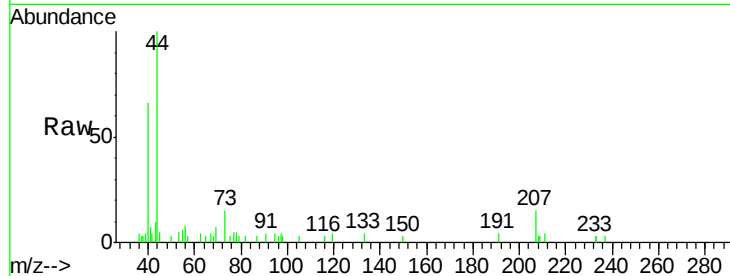




#84
 1,2,4-Trimethylbenzene
 Concen: 24.965 ug/l
 RT: 12.26 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

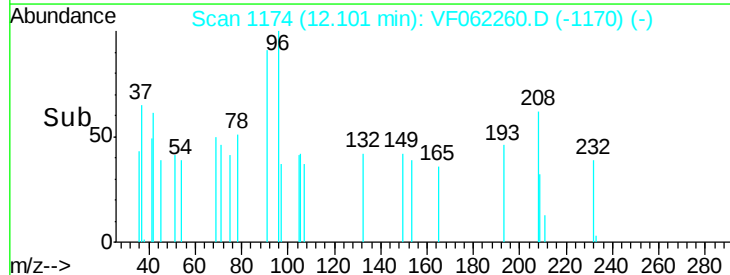
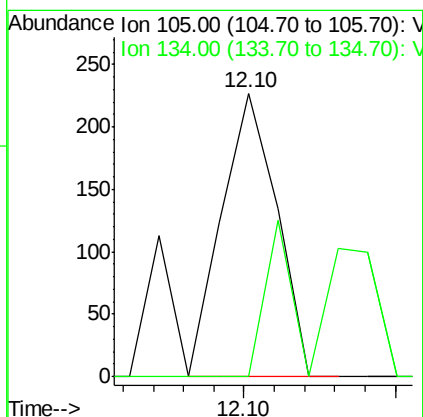
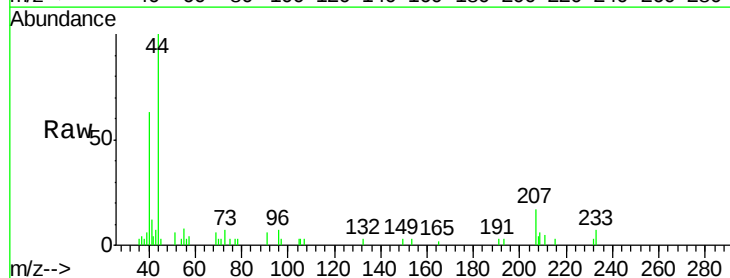
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

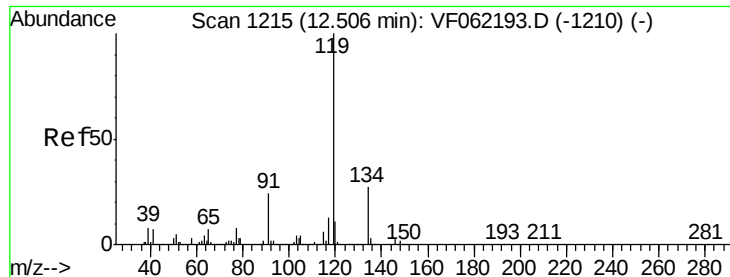
Tot Ion:105 Resp: 140
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



#85
 sec-Butylbenzene
 Concen: 36.888 ug/l
 RT: 12.10 min Scan# 1174
 Delta R.T. -0.26 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion:105 Resp: 287
 Ion Ratio Lower Upper
 105 100
 134 25.8 9.7 29.1

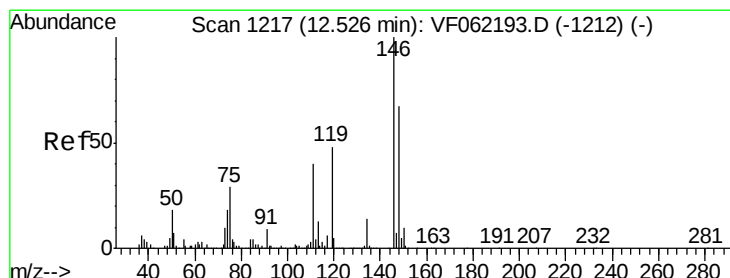
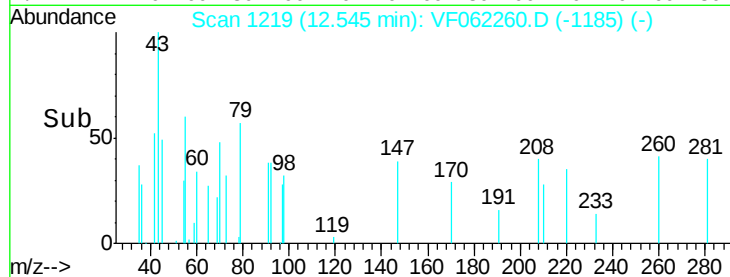
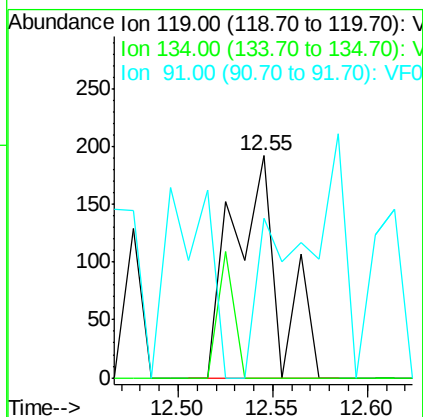
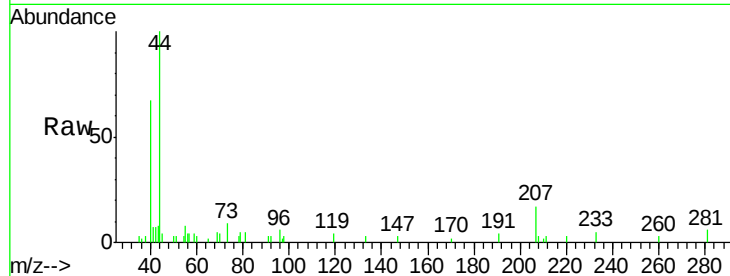




#86
 p-Isopropyltoluene
 Concen: 49.395 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.04 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

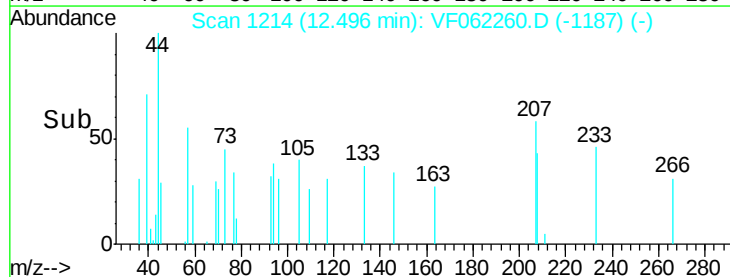
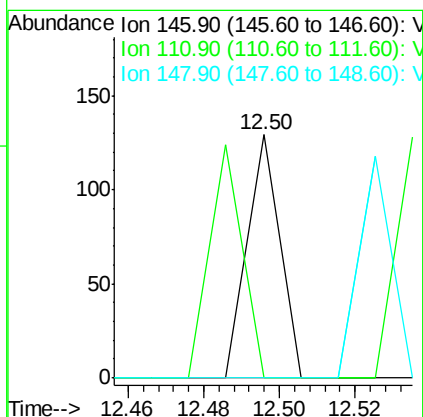
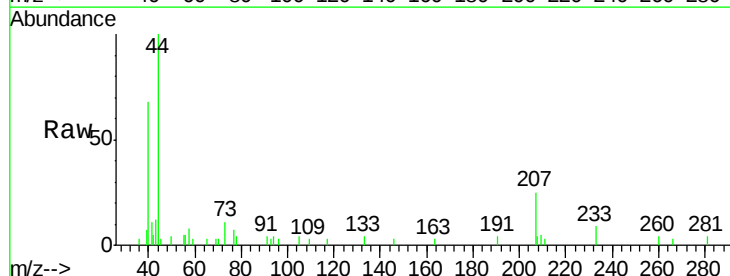
Instrument :
 MSVOA_F
 ClientSampleID :
 SA-06-041819-B

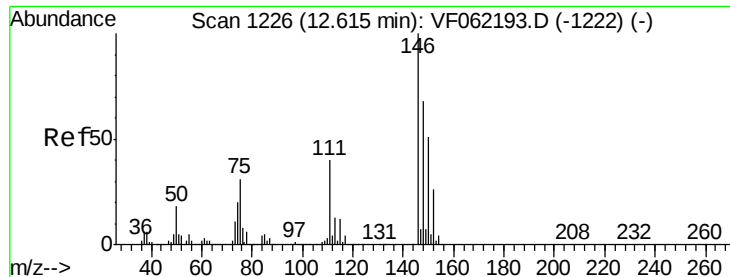
Tot Ion	Ratio	Lower	Upper
119	100		
134	19.6	13.2	39.5
91	0.0	11.7	35.1#



#87
 1,3-Dichlorobenzene
 Concen: 27.477 ug/l
 RT: 12.50 min Scan# 1214
 Delta R.T. -0.03 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	96.1	19.7	59.0#
148	0.0	32.9	98.6#

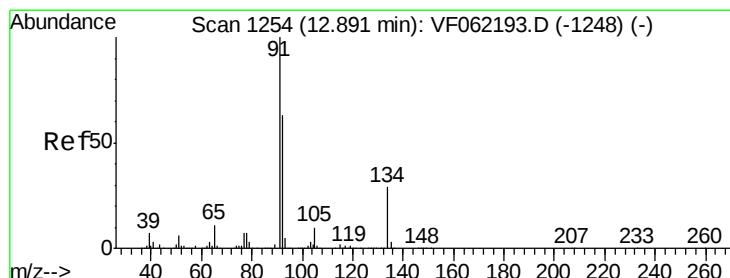
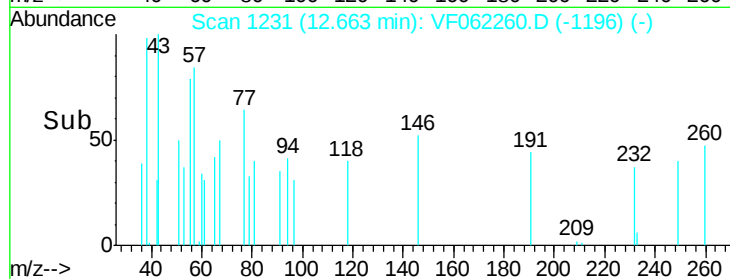
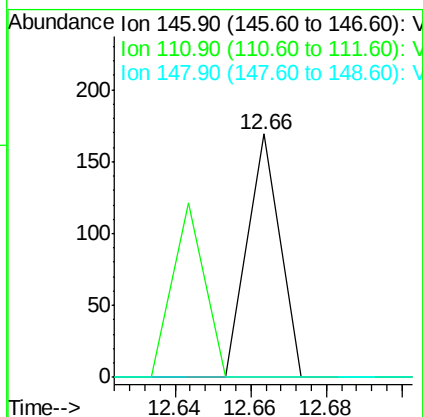
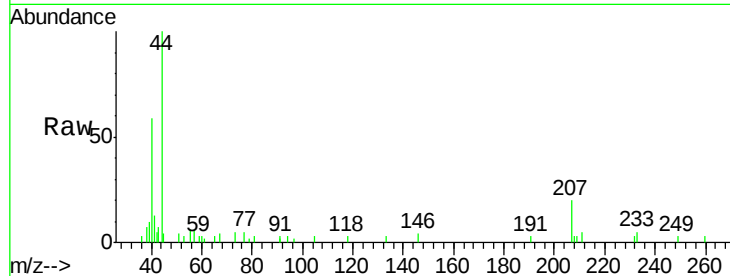




#88
 1,4-Dichlorobenzene
 Concen: 37.482 ug/l
 RT: 12.66 min Scan# 1231
 Delta R.T. 0.05 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

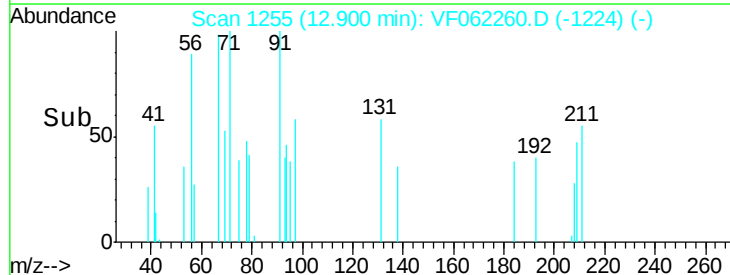
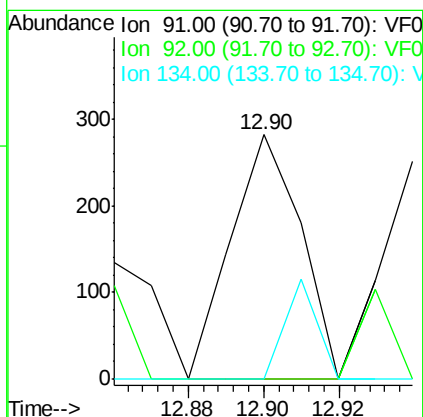
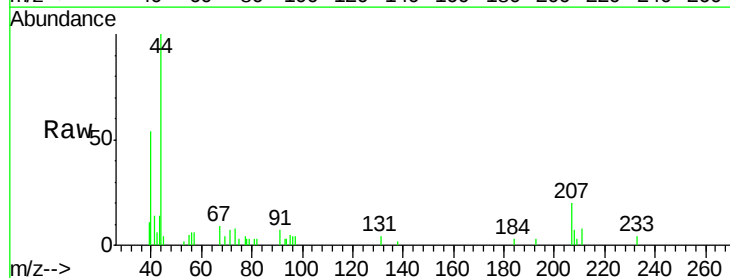
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-B

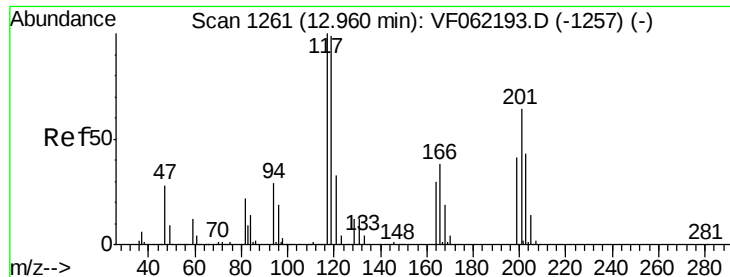
Tot Ion:146 Resp: 100
 Ion Ratio Lower Upper
 146 100
 111 72.0 20.0 60.0#
 148 0.0 33.6 100.8#



#89
 n-Butylbenzene
 Concen: 67.805 ug/l
 RT: 12.90 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: VF062260.D
 Acq: 23 Apr 2019 13:30

Tgt Ion: 91 Resp: 358
 Ion Ratio Lower Upper
 91 100
 92 0.0 31.2 93.6#
 134 19.0 13.1 39.1





#90

Hexachloroethane

Concen: 39.533 ug/l

RT: 12.94 min Scan# 1259

Delta R.T. -0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampled :

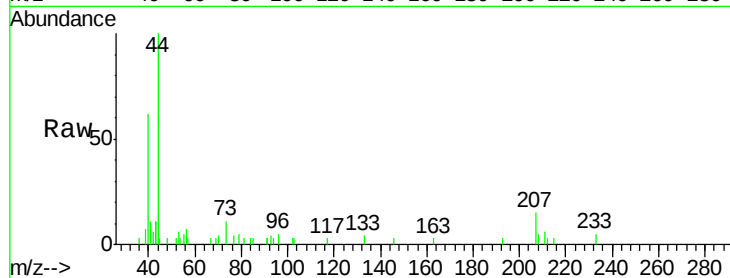
SA-06-041819-B

Tot Ion:117 Resp: 67

Ion Ratio Lower Upper

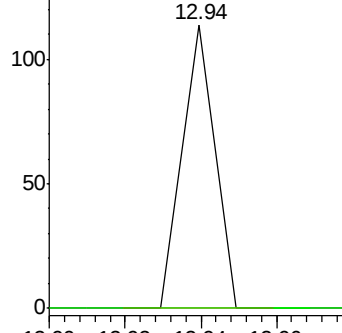
117 100

201 0.0 37.7 113.1#

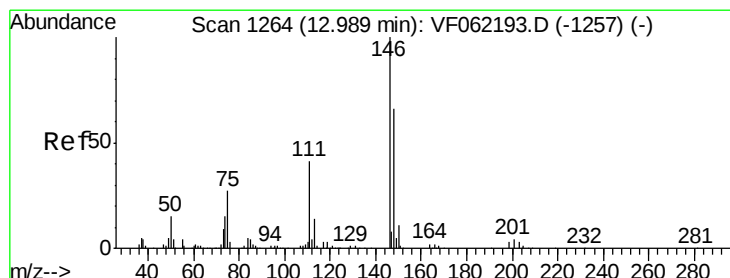
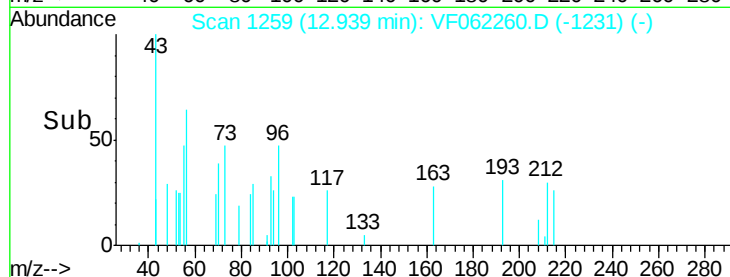


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time--> 12.90 12.92 12.94 12.96



#91

1,2-Dichlorobenzene

Concen: 22.840 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

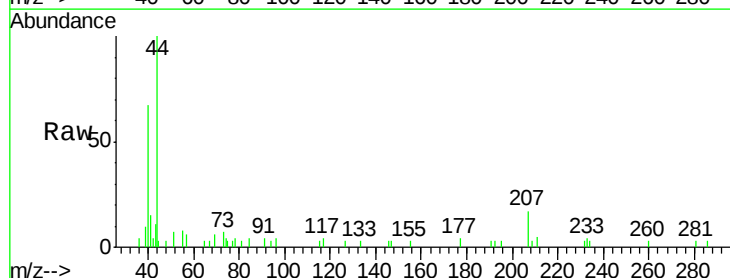
Tgt Ion:146 Resp: 61

Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

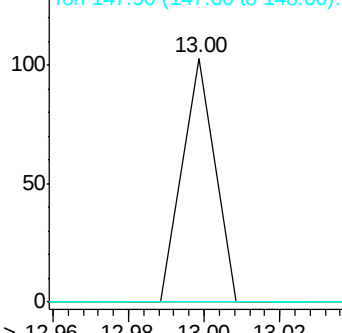
148 0.0 33.0 99.0#



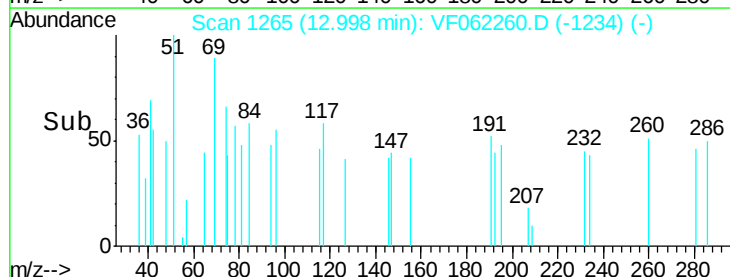
Abundance Ion 145.90 (145.60 to 146.60): V

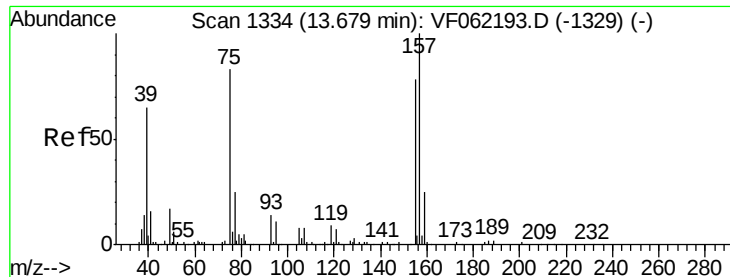
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 12.96 12.98 13.00 13.02





#92

1,2-Dibromo-3-Chloropropane

Concen: 1480.219 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

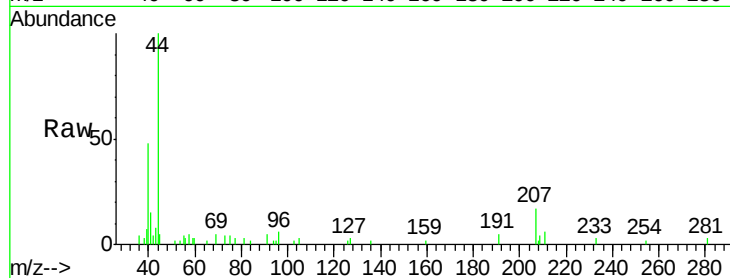
Tot Ion: 75 Resp: 348

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.8#

157 0.0 61.3 183.9#

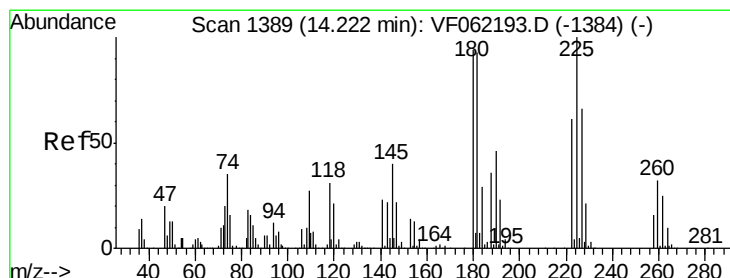
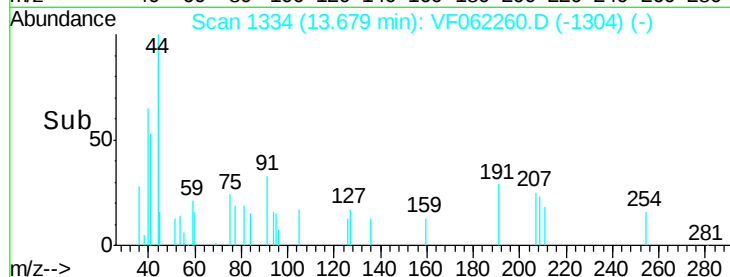
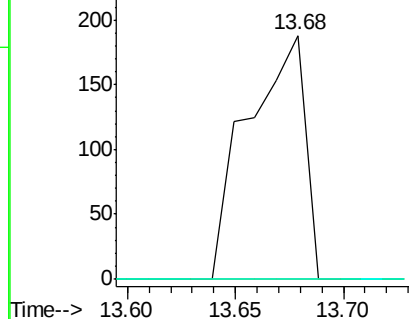


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

13.68



#94

Hexachlorobutadiene

Concen: 43.074 ug/l

RT: 14.21 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

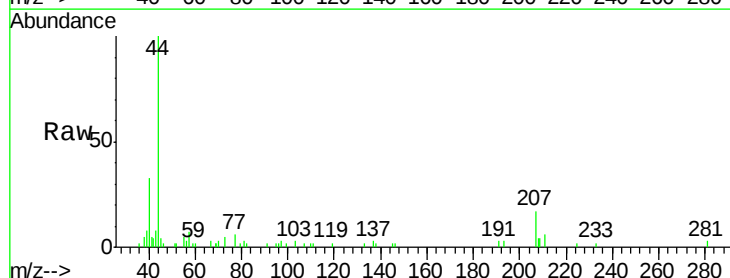
Tgt Ion: 225 Resp: 66

Ion Ratio Lower Upper

225 100

223 0.0 31.0 93.0#

227 0.0 32.4 97.0#

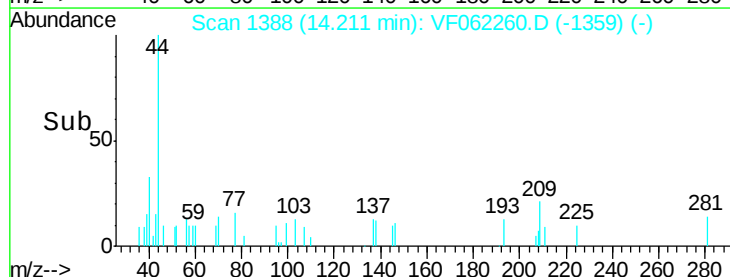
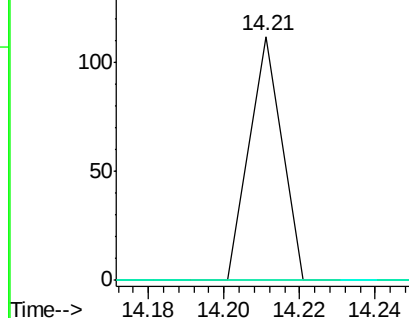


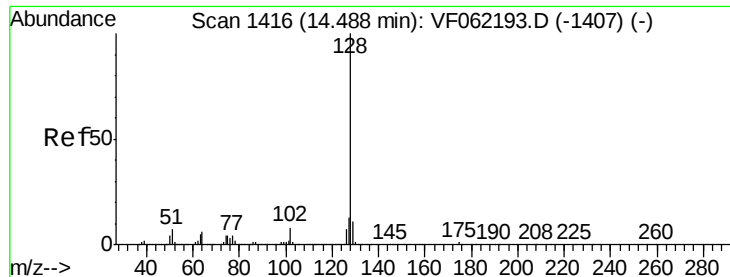
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

14.21





#95

Naphthalene

Concen: 116.706 ug/l

RT: 14.47 min Scan# 1414

Delta R.T. -0.02 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-B

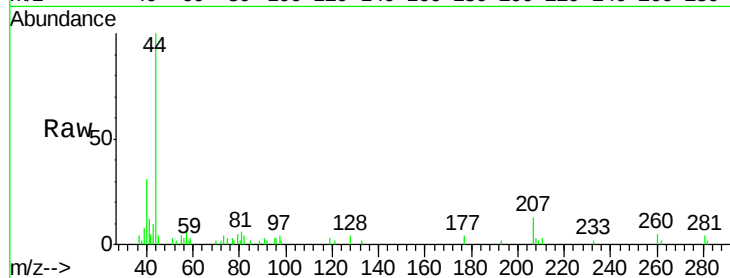
Tot Ion:128 Resp: 456

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

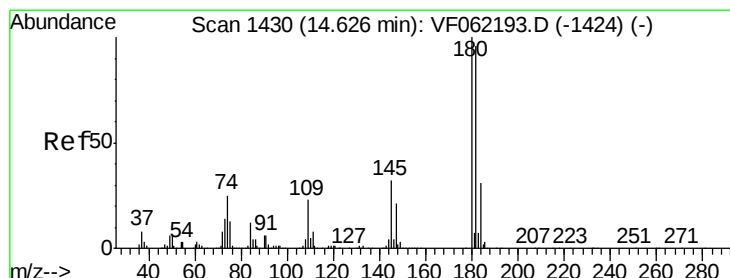
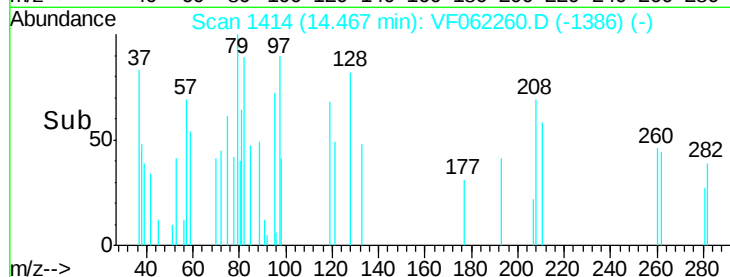
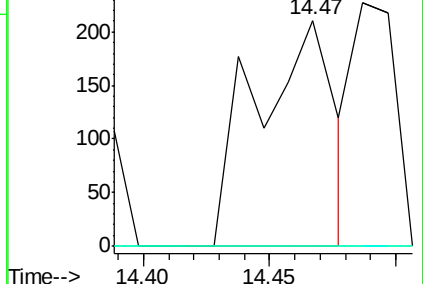
129 0.0 9.2 13.8#



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: 33.562 ug/l

RT: 14.87 min Scan# 1455

Delta R.T. 0.25 min

Lab File: VF062260.D

Acq: 23 Apr 2019 13:30

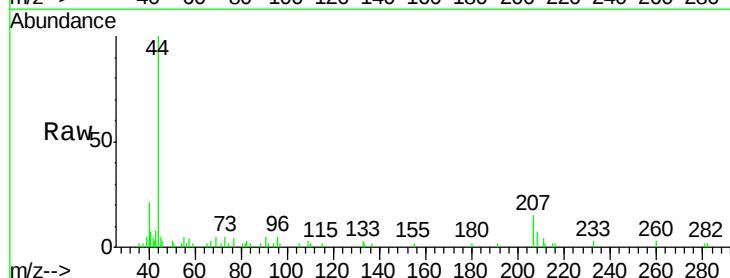
Tgt Ion:180 Resp: 72

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.3#

145 0.0 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

