

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061193.D
 Acq On : 26 Dec 2018 17:32
 Operator : VA/AP
 Sample : J6378-19MSD
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS001-0612-01MSD

Quant Time: Dec 27 01:16:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	874	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	1838	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	846	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	62	5.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.04%	
35) Dibromofluoromethane	4.10	113	201	13.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	27.30%	
50) Toluene-d8	7.54	98	1797	43.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	86.14%	
62) 4-Bromofluorobenzene	11.40	95	250	13.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	26.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.95	85	1859	95.684	ug/l 98
3) Chloromethane	1.10	50	75	6.739	ug/l # 42
4) Vinyl Chloride	1.09	62	1062	102.869	ug/l 90
5) Bromomethane	1.34	94	913	127.502	ug/l # 3
6) Chloroethane	1.34	64	618	129.914	ug/l 94
7) Trichlorofluoromethane	1.42	101	2759	139.965	ug/l 96
8) Diethyl Ether	1.48	74	102	37.787	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	1.81	101	1396	136.587	ug/l # 43
10) Methyl Iodide	1.82	142	775	48.105	ug/l # 71
11) Tert butyl alcohol	2.48	59	62	136.677	ug/l # 65
12) 1,1-Dichloroethene	1.79	96	221	28.685	ug/l # 1
13) Acrolein	1.99	56	492	1500.972	ug/l 88
14) Allyl chloride	2.08	41	1451	180.978	ug/l # 55
15) Acrylonitrile	2.92	53	407	388.003	ug/l # 56
16) Acetone	2.25	43	545	242.521	ug/l # 83
17) Carbon Disulfide	1.84	76	130	5.584	ug/l # 68
18) Methyl Acetate	2.33	43	867	186.479	ug/l # 66
19) Methyl tert-butyl Ether	2.41	73	391	22.864	ug/l # 4
20) Methylene Chloride	2.28	84	62	4.551	ug/l # 1
21) trans-1,2-Dichloroethene	2.31	96	654	79.367	ug/l # 42
22) Diisopropyl ether	2.79	45	647	24.226	ug/l # 49
23) Vinyl Acetate	3.20	43	850	68.991	ug/l # 78
24) 1,1-Dichloroethane	2.87	63	1074	67.873	ug/l # 88
25) 2-Butanone	4.35	43	885	242.827	ug/l # 57
26) 2,2-Dichloropropane	3.57	77	1672	184.124	ug/l # 38
27) cis-1,2-Dichloroethene	3.47	96	556	44.074	ug/l 29
28) Bromochloromethane	3.85	49	67	8.345	ug/l # 10
29) Tetrahydrofuran	4.07	42	199	134.153	ug/l # 37
30) Chloroform	3.84	83	1064	44.845	ug/l # 77
31) Cyclohexane	3.67	56	1443	87.883	ug/l # 75
32) 1,1,1-Trichloroethane	4.10	97	1591	111.876	ug/l # 67
36) 1,1-Dichloropropene	4.27	75	1548	69.774	ug/l 85
37) Ethyl Acetate	4.09	43	172	17.838	ug/l # 62
38) Carbon Tetrachloride	3.96	117	1649	97.600	ug/l # 86

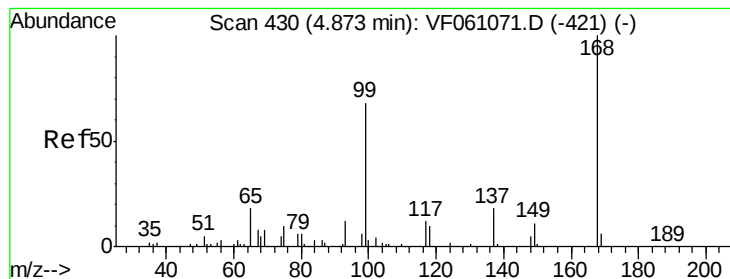
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	1655	83.150	ug/l #	83
40) Benzene	4.60	78	2325	48.731	ug/l #	83
41) Methacrylonitrile	4.73	41	152	32.441	ug/l #	50
42) 1,2-Dichloroethane	4.92	62	112	6.179	ug/l	77
43) Isopropyl Acetate	6.94	43	197	18.390	ug/l #	45
44) Trichloroethene	5.48	130	735	48.863	ug/l	57
45) 1,2-Dichloropropane	6.21	63	378	29.120	ug/l #	17
47) Bromodichloromethane	6.38	83	527	24.092	ug/l #	83
48) Methyl methacrylate	6.70	41	204	27.278	ug/l #	19
49) 1,4-Dioxane	6.53	88	82	1511.145	ug/l #	23
51) 4-Methyl-2-Pentanone	8.23	43	102	13.883	ug/l #	38
52) Toluene	7.60	92	1320	41.796	ug/l	88
53) t-1,3-Dichloropropene	8.25	75	154	8.727	ug/l #	42
54) cis-1,3-Dichloropropene	7.30	75	90	4.064	ug/l #	64
55) 1,1,2-Trichloroethane	8.46	97	243	25.666	ug/l #	12
57) 1,3-Dichloropropane	8.83	76	168	9.811	ug/l #	42
59) 2-Hexanone	9.51	43	285	53.641	ug/l #	27
60) Dibromochloromethane	8.72	129	151	11.126	ug/l #	13
61) 1,2-Dibromoethane	8.96	107	62	6.132	ug/l #	4
64) Tetrachloroethene	8.14	164	552	84.820	ug/l #	79
65) Chlorobenzene	9.78	112	958	54.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.91	131	390	54.605	ug/l #	33
67) Ethyl Benzene	9.89	91	2664	83.668	ug/l #	81
68) m/p-Xylenes	10.12	106	1307	116.641	ug/l	82
69) o-Xylene	10.70	106	678	54.556	ug/l #	11
70) Styrene	10.78	104	355	20.568	ug/l #	55
73) Isopropylbenzene	11.11	105	2300	185.346	ug/l	78
74) N-amyl acetate	11.39	43	394	143.010	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.69	83	88	42.728	ug/l #	23
76) 1,2,3-Trichloropropane	11.79	75	82	53.501	ug/l #	39
77) Bromobenzene	11.51	156	67	25.082	ug/l #	36
78) n-propylbenzene	11.59	91	1942	Below Cal		93
79) 2-Chlorotoluene	11.71	91	1042	122.405	ug/l	90
80) 1,3,5-Trimethylbenzene	11.82	105	286	27.990	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.79	75	82	124.504	ug/l #	11
82) 4-Chlorotoluene	11.88	91	924	104.926	ug/l #	69
83) tert-Butylbenzene	12.11	119	937	89.114	ug/l #	56
84) 1,2,4-Trimethylbenzene	12.20	105	66	6.477	ug/l #	29
85) sec-Butylbenzene	12.30	105	915	66.683	ug/l	97
86) p-Isopropyltoluene	12.47	119	289	25.374	ug/l #	50
87) 1,3-Dichlorobenzene	12.47	146	290	68.514	ug/l #	72
88) 1,4-Dichlorobenzene	12.56	146	137	27.930	ug/l #	70
90) Hexachloroethane	12.90	117	223	79.247	ug/l	74
95) Naphthalene	14.45	128	75	12.127	ug/l #	70

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

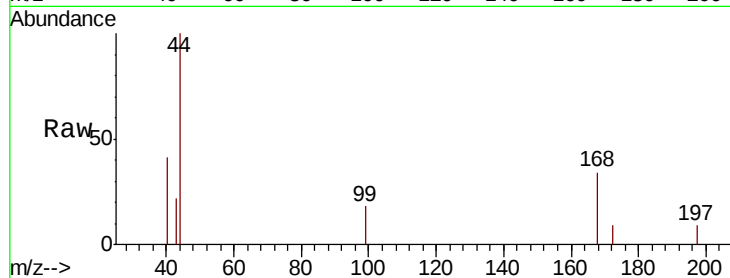
P001-SS001-0612-01MSD

Tot Ion:168 Resp: 874

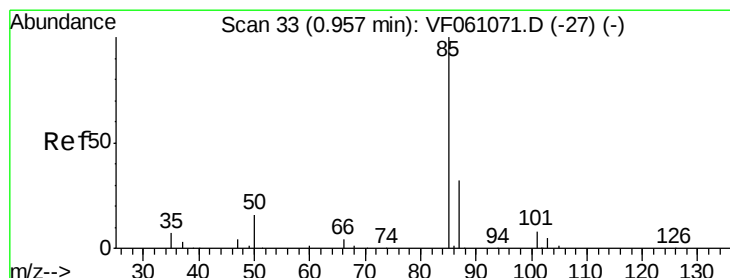
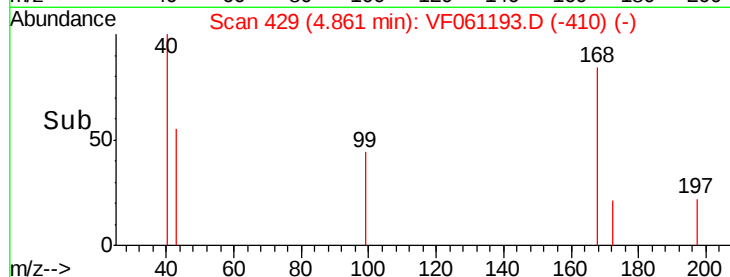
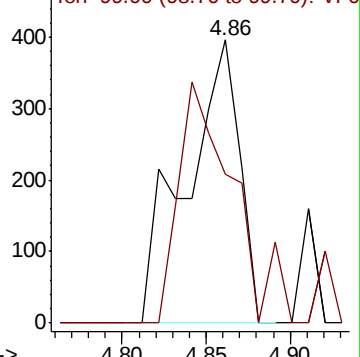
Ion Ratio Lower Upper

168 100

99 52.5 54.4 81.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 95.684 ug/l

RT: 0.95 min Scan# 32

Delta R.T. -0.01 min

Lab File: VF061193.D

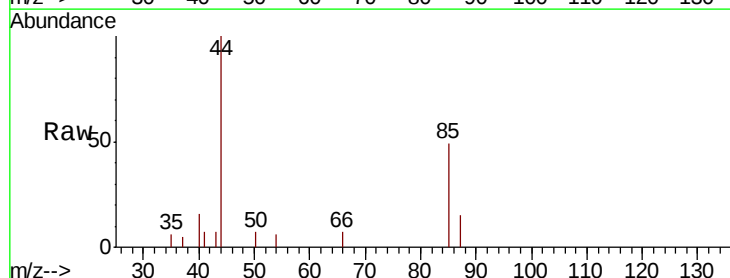
Acq: 26 Dec 2018 17:32

Tgt Ion: 85 Resp: 1859

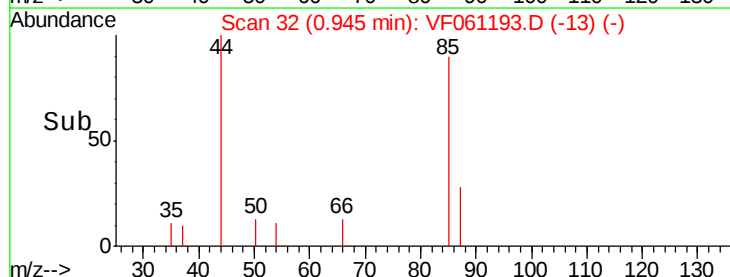
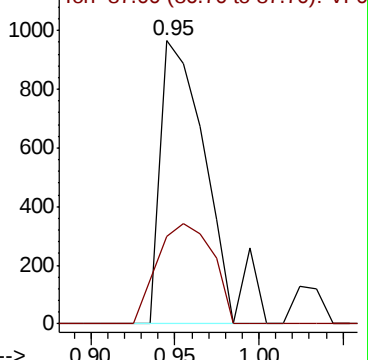
Ion Ratio Lower Upper

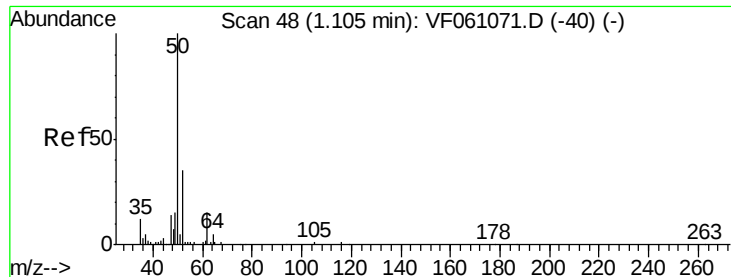
85 100

87 30.8 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 6.739 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

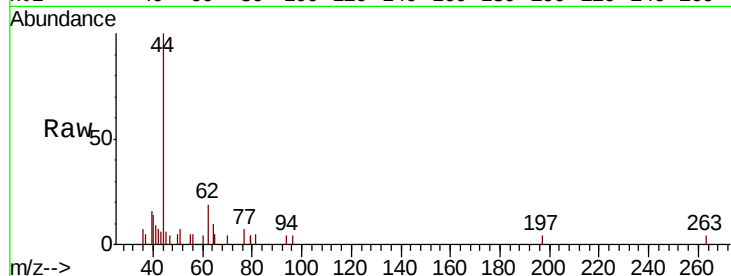
P001-SS001-0612-01MSD

Tot Ion: 50 Resp: 75

Ion Ratio Lower Upper

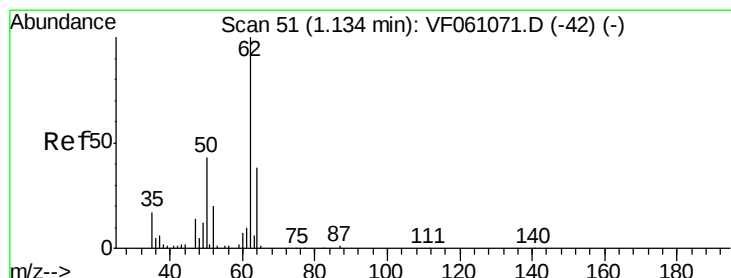
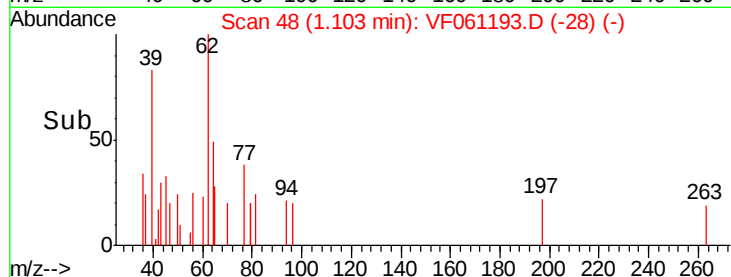
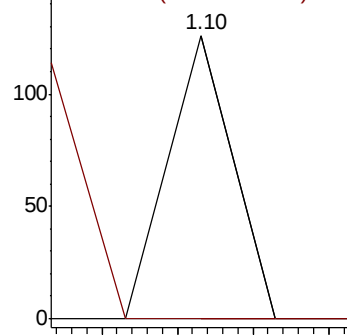
50 100

52 0.0 26.3 39.5#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 102.869 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.04 min

Lab File: VF061193.D

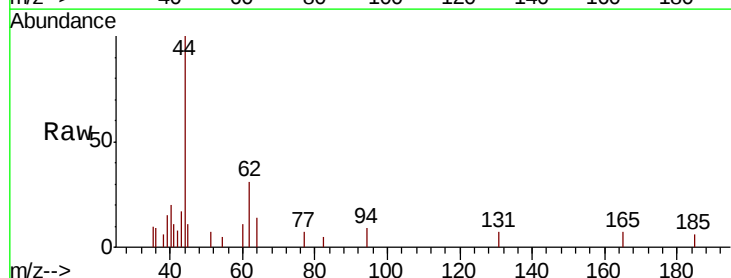
Acq: 26 Dec 2018 17:32

Tgt Ion: 62 Resp: 1062

Ion Ratio Lower Upper

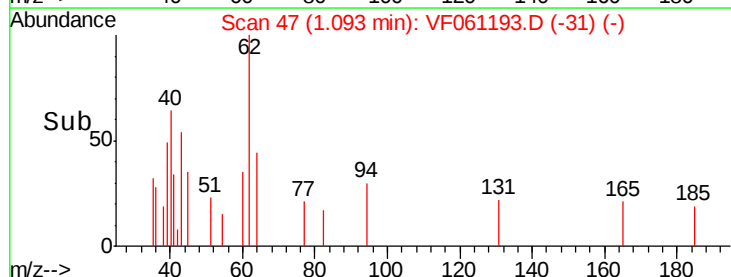
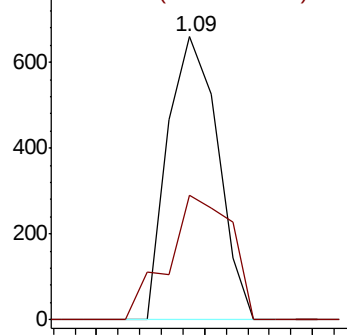
62 100

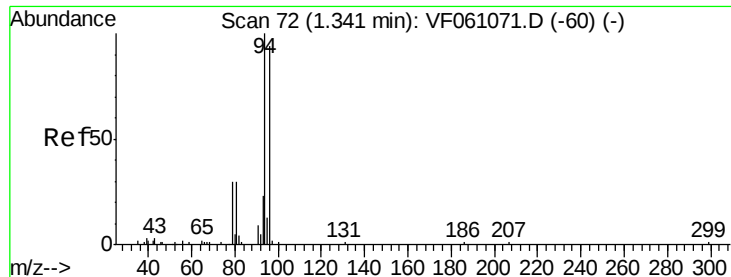
64 43.9 30.4 45.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 127.502 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

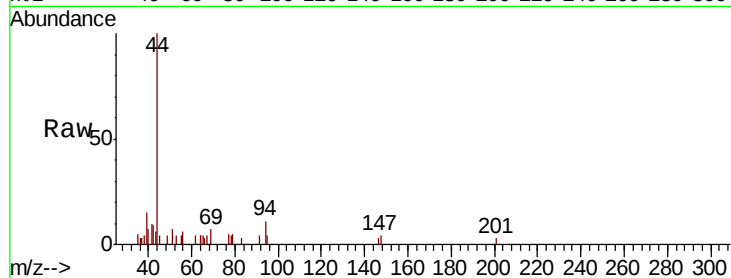
P001-SS001-0612-01MSD

Tot Ion: 94 Resp: 913

Ion Ratio Lower Upper

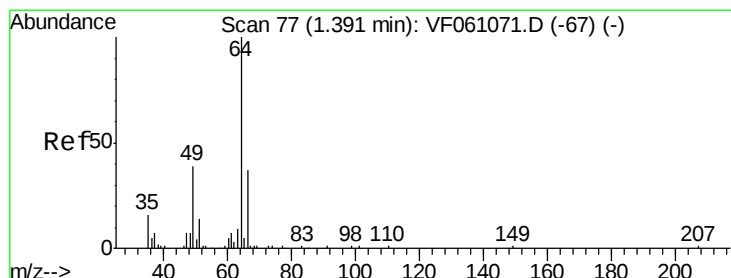
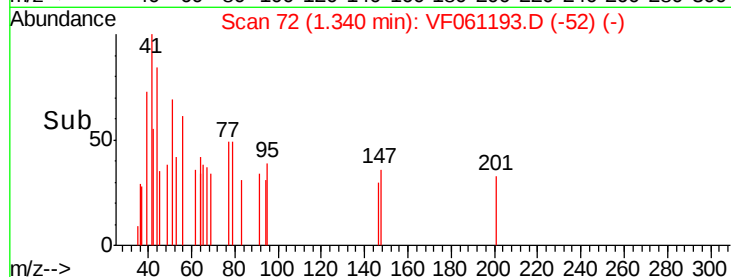
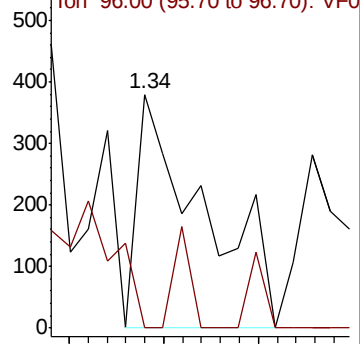
94 100

96 0.0 74.4 111.6#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 129.914 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.05 min

Lab File: VF061193.D

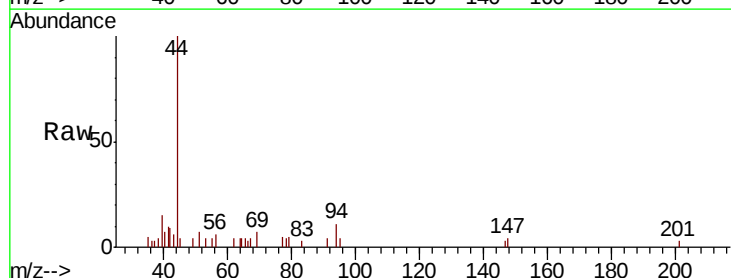
Acq: 26 Dec 2018 17:32

Tgt Ion: 64 Resp: 618

Ion Ratio Lower Upper

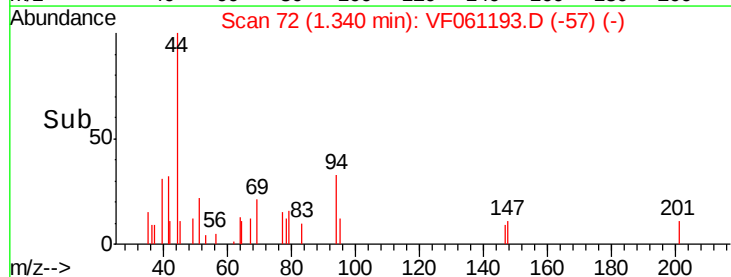
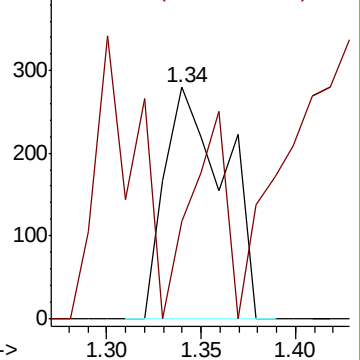
64 100

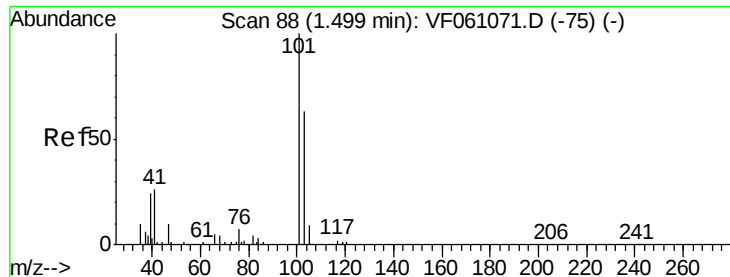
66 42.1 30.9 46.3



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



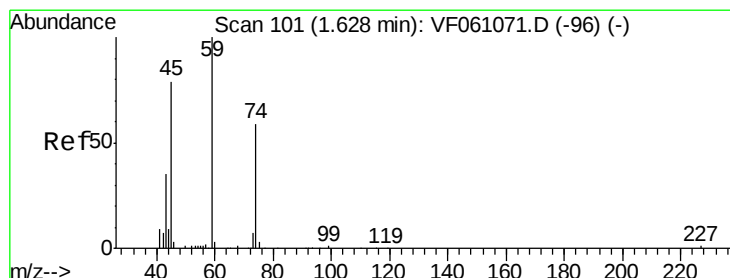
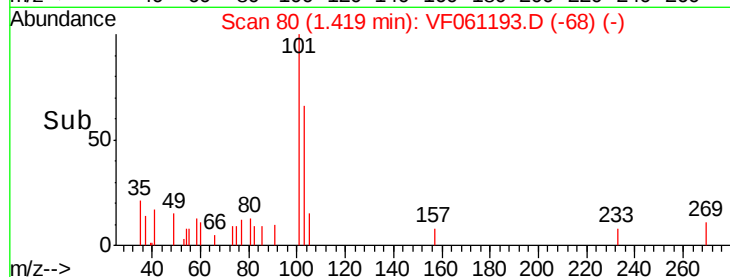
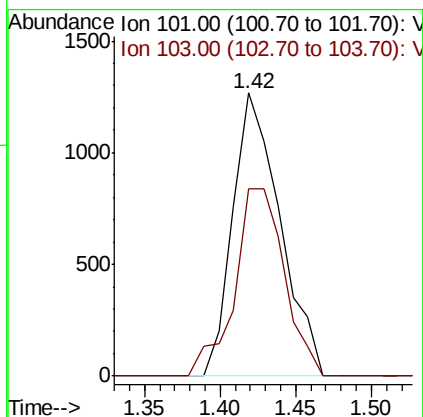
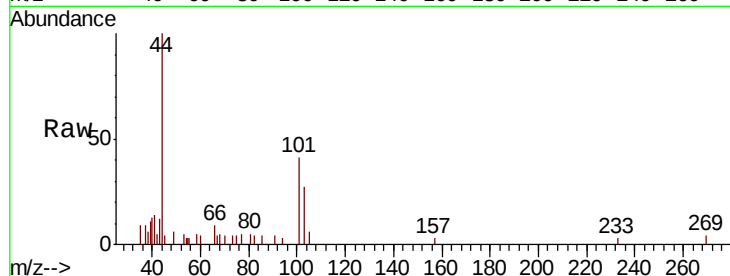


#7

Trichlorofluoromethane
Concen: 139.965 ug/l
RT: 1.42 min Scan# 80
Delta R.T. -0.08 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

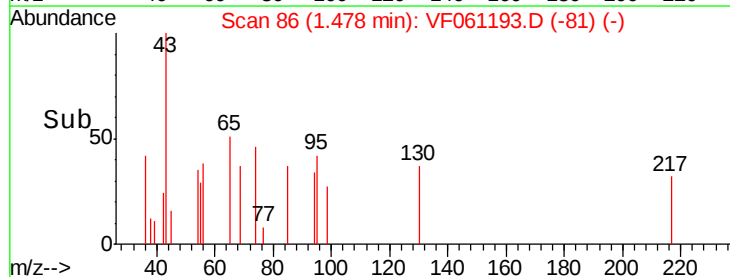
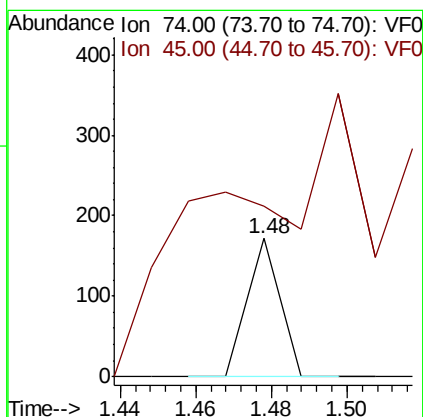
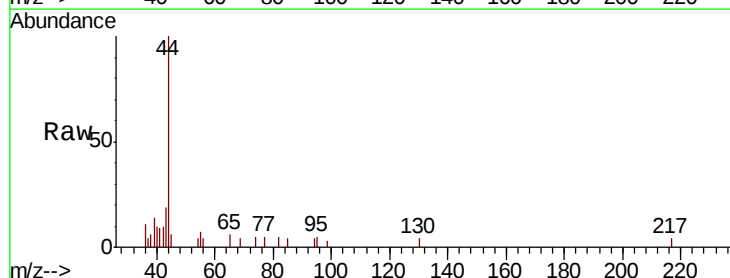
Tot Ion:101 Resp: 2759
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1

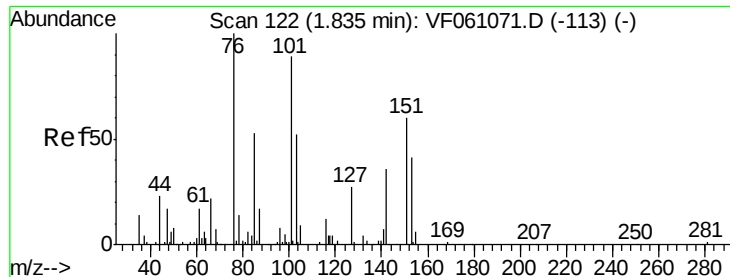


#8

Diethyl Ether
Concen: 37.787 ug/l
RT: 1.48 min Scan# 86
Delta R.T. -0.15 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 74 Resp: 102
Ion Ratio Lower Upper
74 100
45 123.3 67.8 203.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.587 ug/l

RT: 1.81 min Scan# 120

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

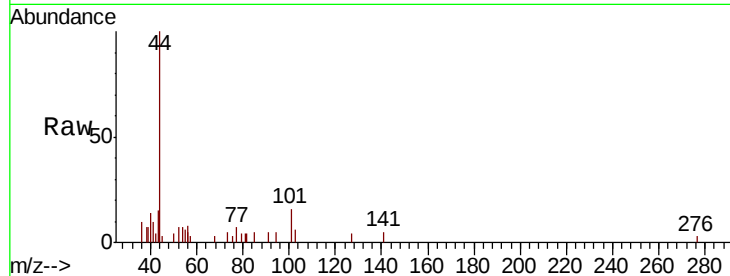
Tot Ion:101 Resp: 1396

Ion Ratio Lower Upper

101 100

85 33.0 44.5 66.7#

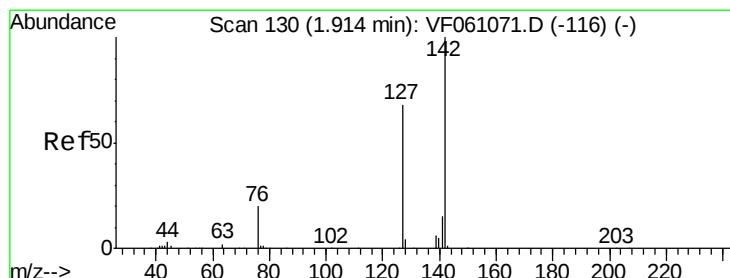
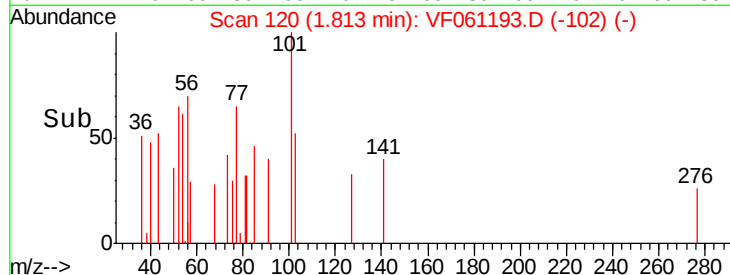
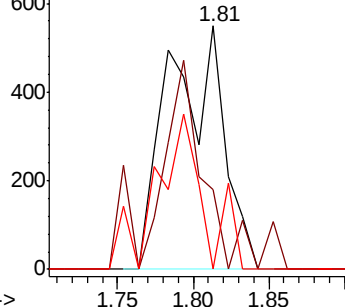
151 0.0 49.9 74.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 48.105 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.09 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

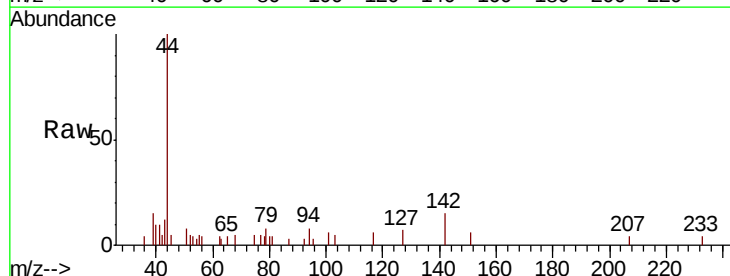
Tgt Ion:142 Resp: 775

Ion Ratio Lower Upper

142 100

127 45.8 54.7 82.1#

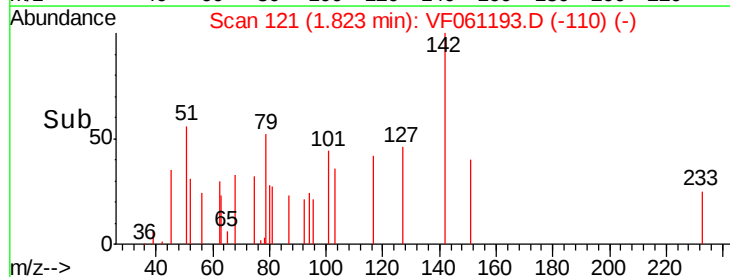
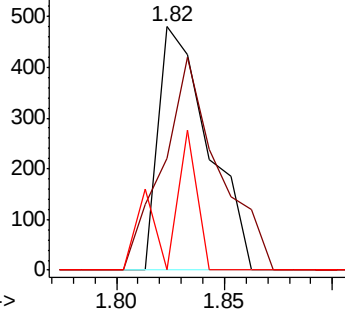
141 0.0 12.2 18.2#

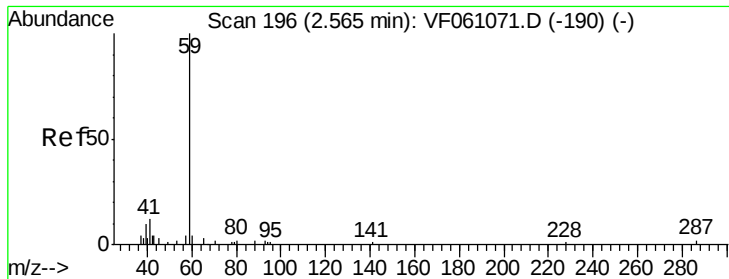


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

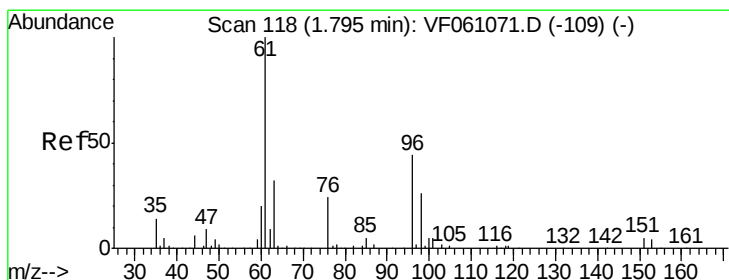
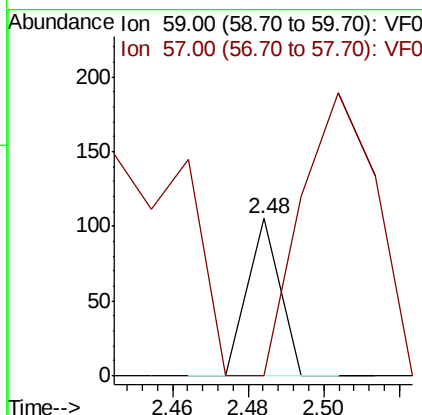
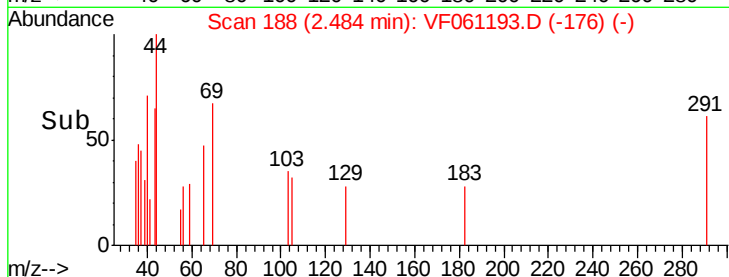
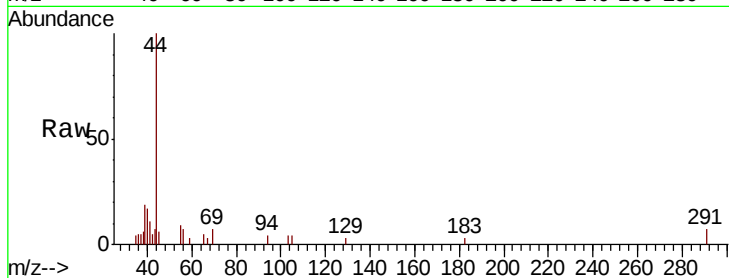




#11
Tert butyl alcohol
Concen: 136.677 ug/l
RT: 2.48 min Scan# 188
Delta R.T. -0.08 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

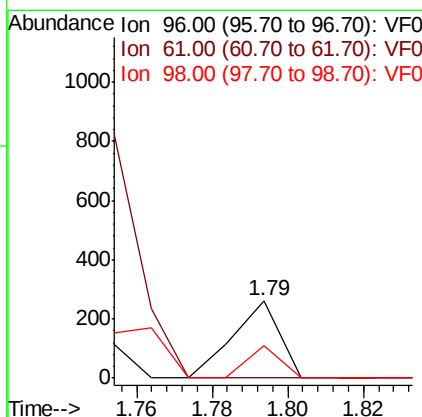
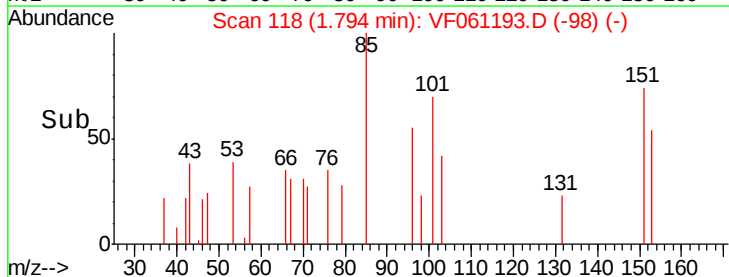
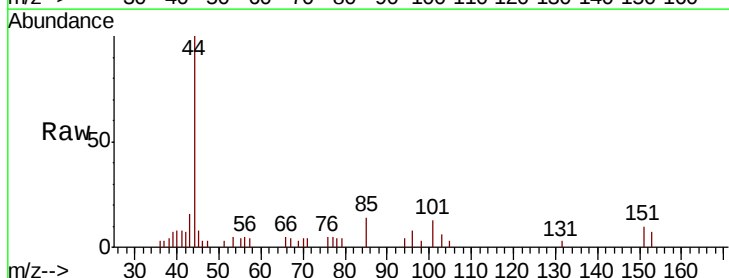
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

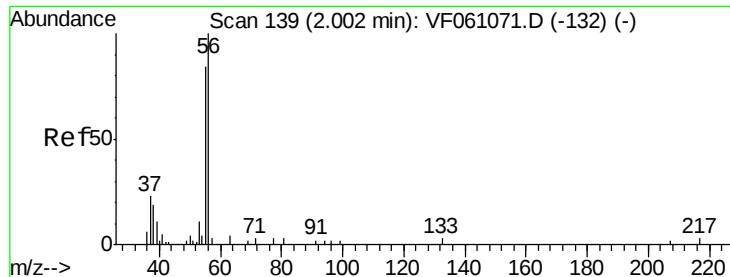
Tot Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 11.5 17.3#



#12
1,1-Dichloroethene
Concen: 28.685 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 96 Resp: 221
Ion Ratio Lower Upper
96 100
61 0.0 182.0 273.0#
98 41.4 46.5 69.7#





#13

Acrolein

Concen: 1500.972 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

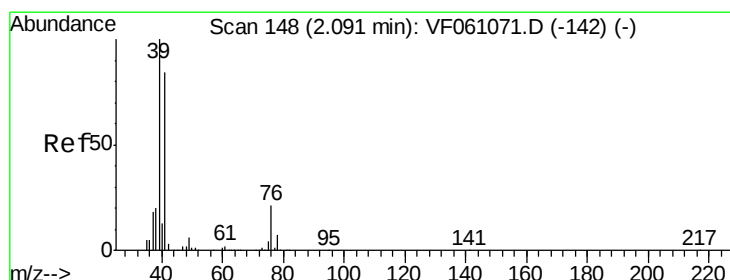
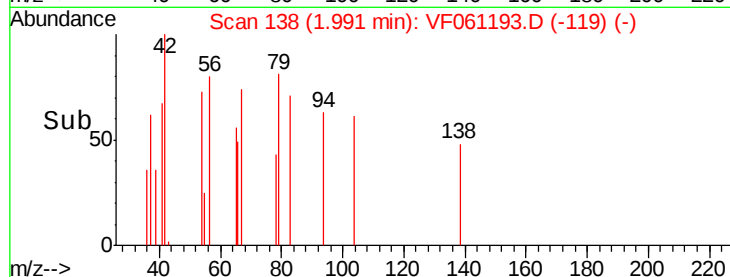
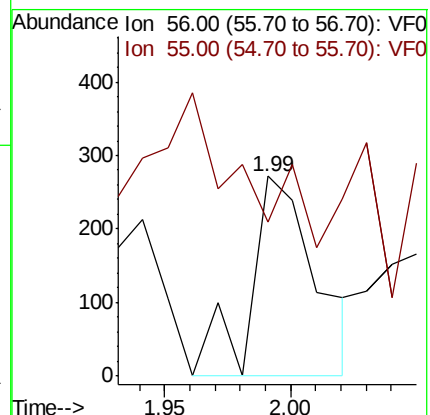
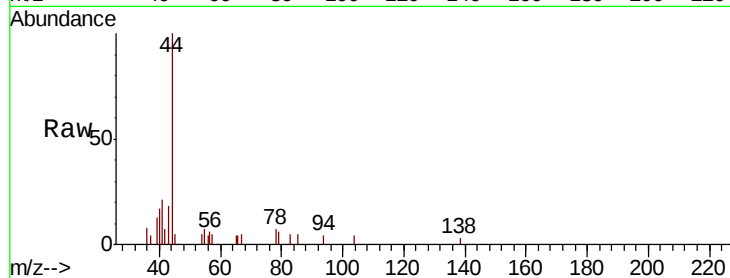
P001-SS001-0612-01MSD

Tot Ion: 56 Resp: 492

Ion Ratio Lower Upper

56 100

55 76.8 70.2 105.2



#14

Allyl chloride

Concen: 180.978 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

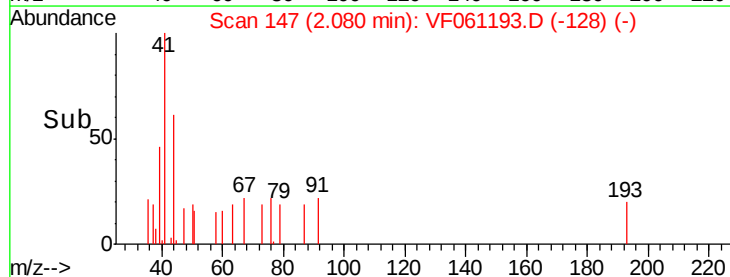
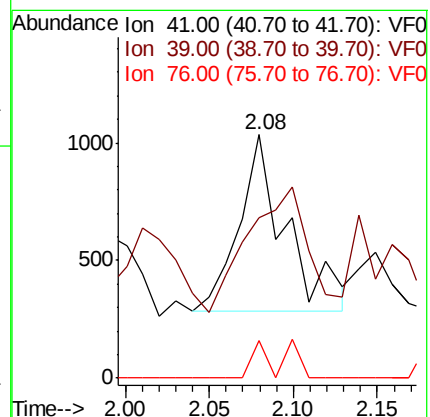
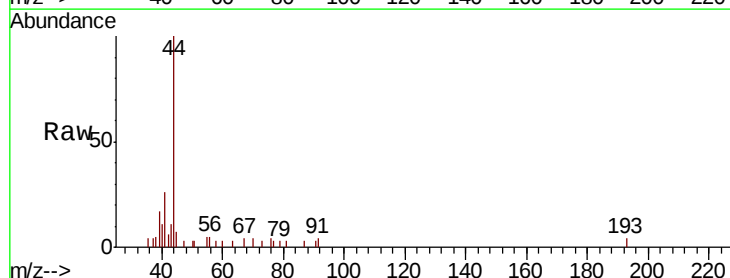
Tgt Ion: 41 Resp: 1451

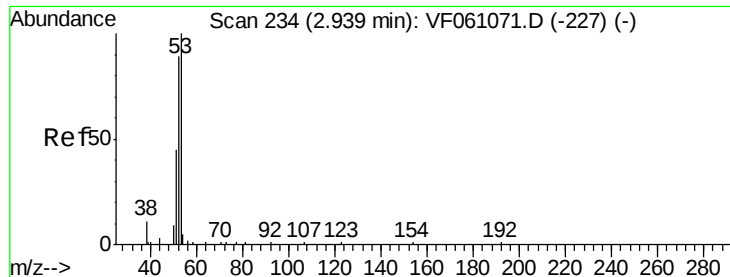
Ion Ratio Lower Upper

41 100

39 65.8 96.4 144.6#

76 15.6 25.4 38.0#





#15

Acrylonitrile

Concen: 388.003 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

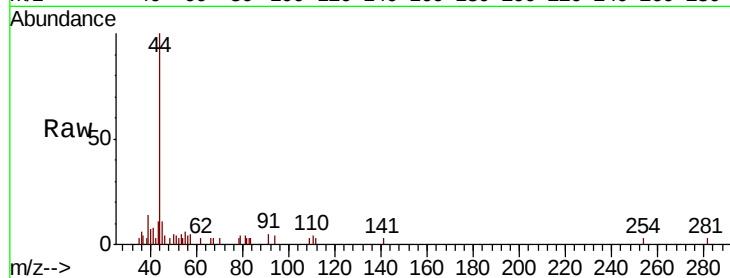
Tot Ion: 53 Resp: 407

Ion Ratio Lower Upper

53 100

52 61.4 71.3 106.9#

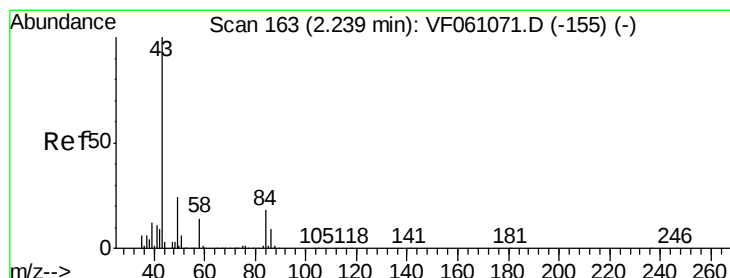
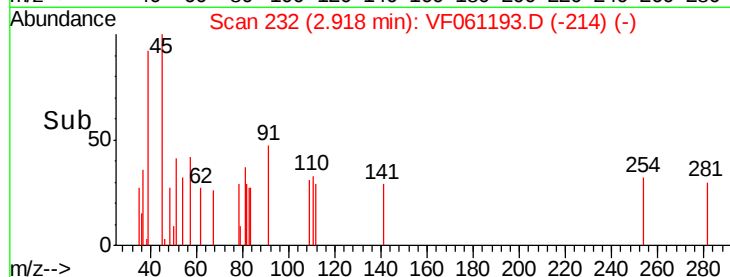
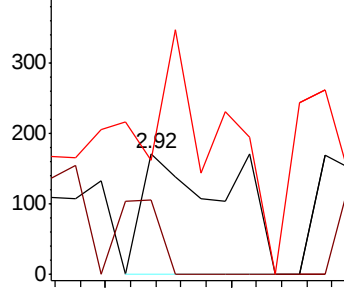
51 94.2 36.8 55.2#



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: 242.521 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061193.D

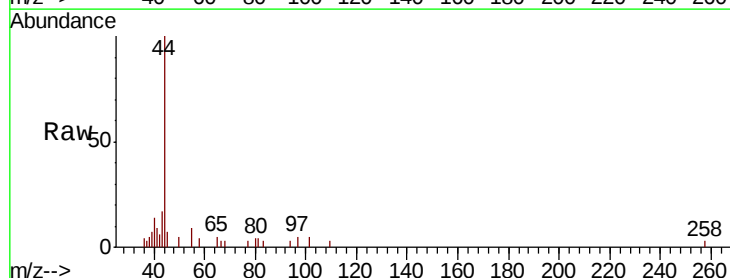
Acq: 26 Dec 2018 17:32

Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

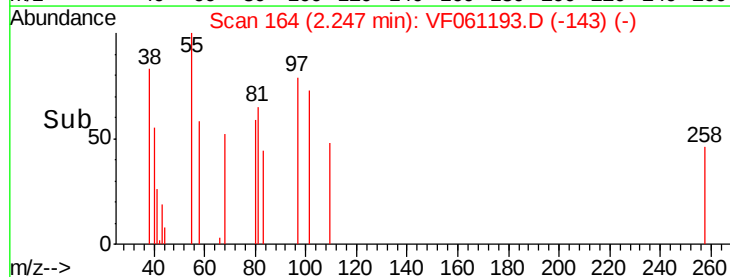
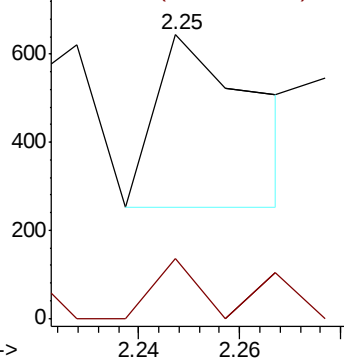
43 100

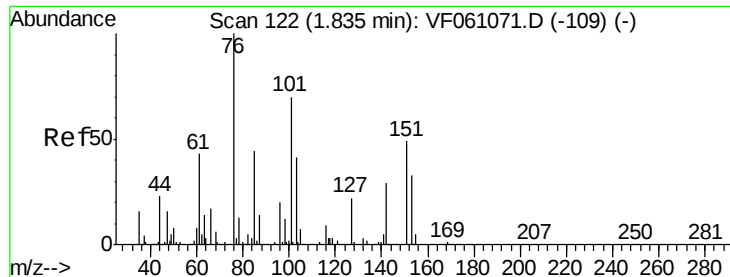
58 21.0 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

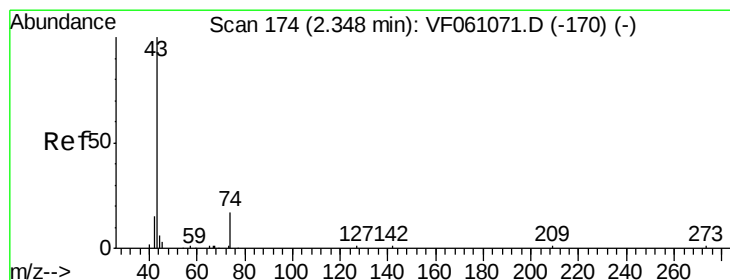
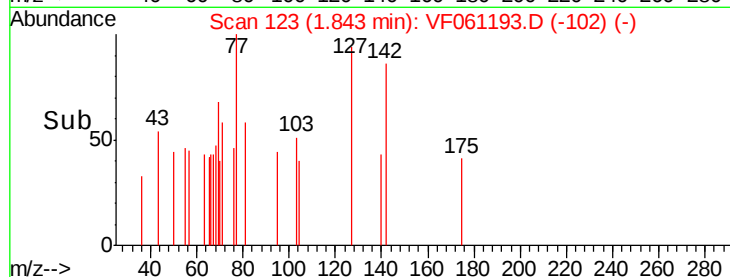
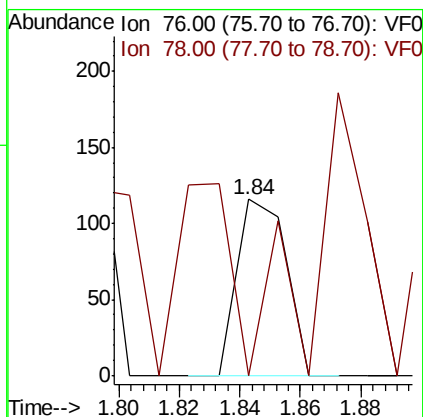
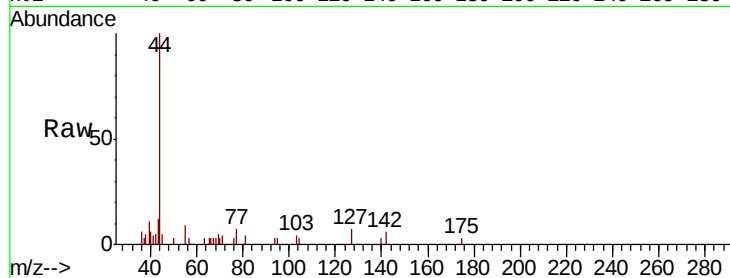




#17
Carbon Disulfide
Concen: 5.584 ug/l
RT: 1.84 min Scan# 123
Delta R.T. 0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

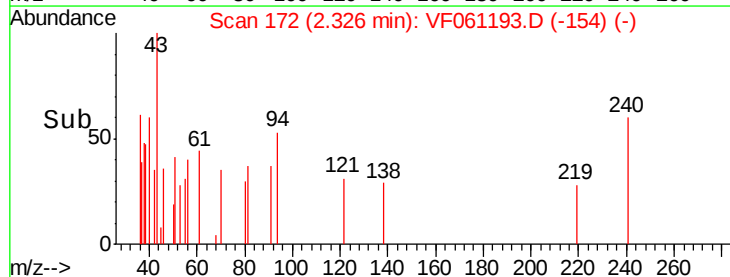
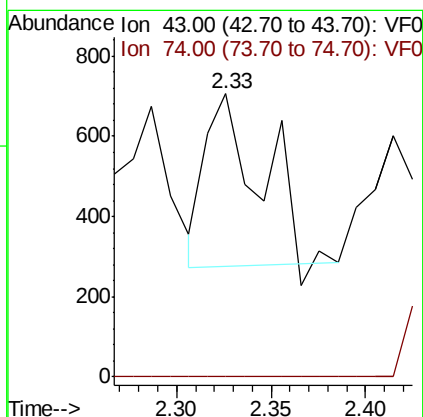
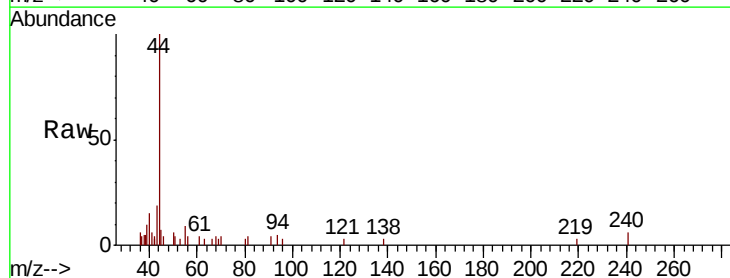
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

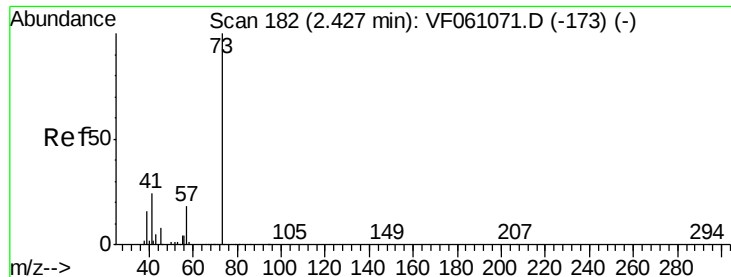
Tot Ion: 76 Resp: 130
Ion Ratio Lower Upper
76 100
78 0.0 10.2 15.4#



#18
Methyl Acetate
Concen: 186.479 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.6#

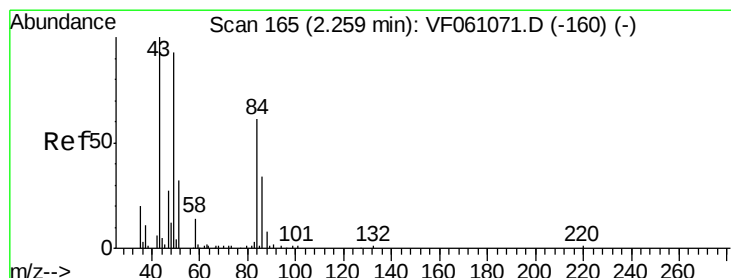
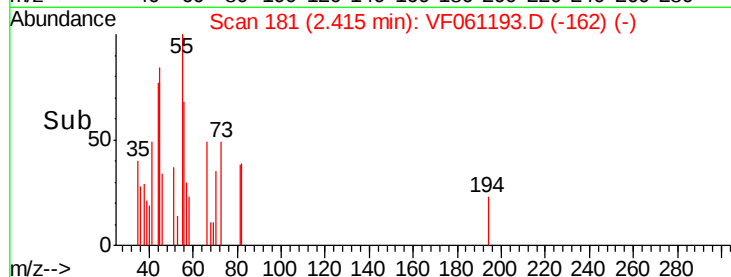
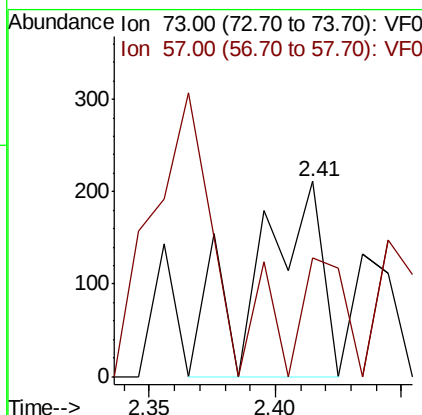
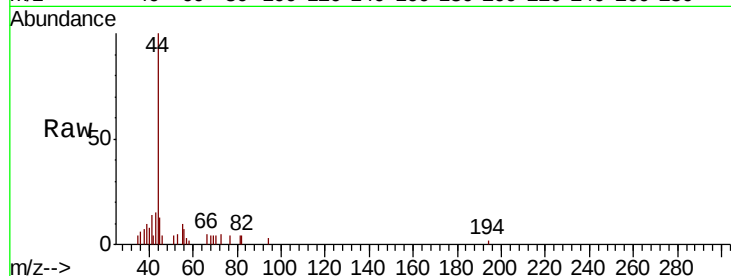




#19
Methvl tert-butvl Ether
Concen: 22.864 ug/l
RT: 2.41 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

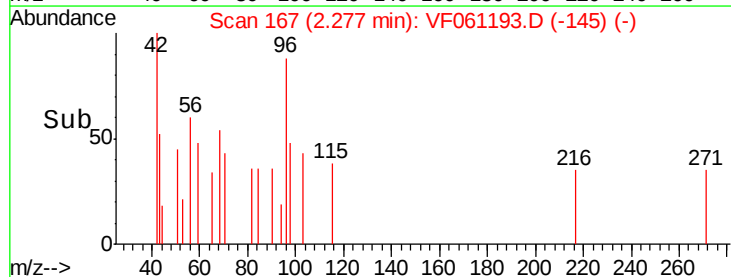
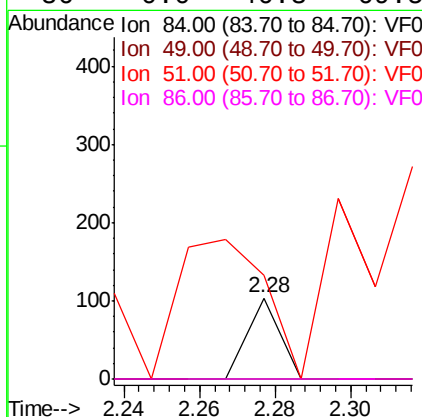
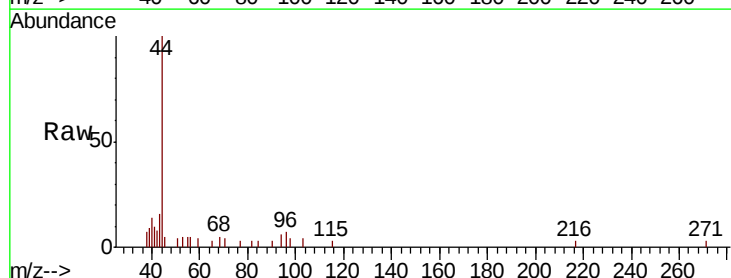
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

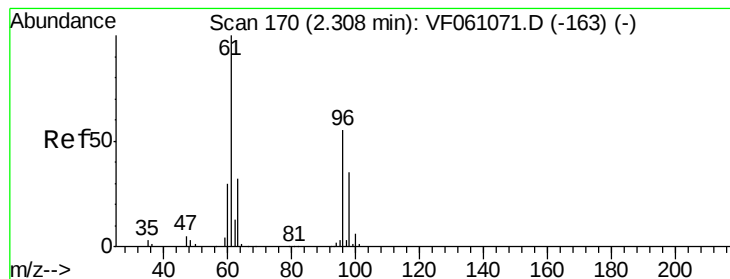
Tot Ion: 73 Resp: 391
Ion Ratio Lower Upper
73 100
57 60.7 14.5 21.7#



#20
Methylene Chloride
Concen: 4.551 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 84 Resp: 62
Ion Ratio Lower Upper
84 100
49 0.0 129.4 194.2#
51 126.9 44.0 66.0#
86 0.0 46.3 69.5#





#21

trans-1,2-Dichloroethene

Concen: 79.367 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

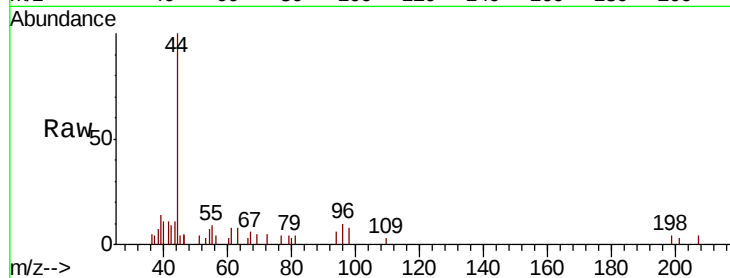
Tot Ion: 96 Resp: 654

Ion Ratio Lower Upper

96 100

61 78.2 146.0 219.0#

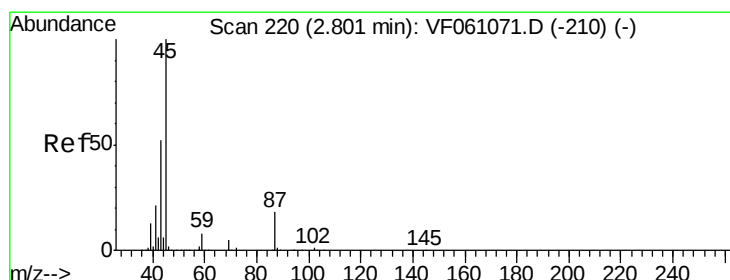
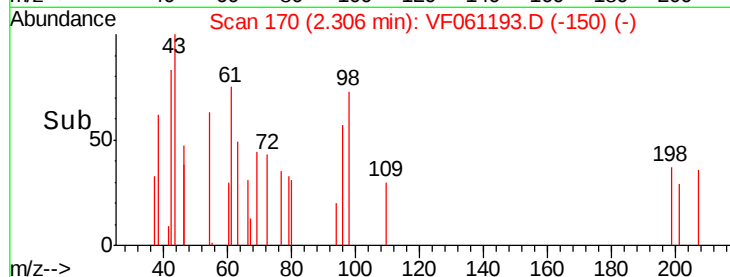
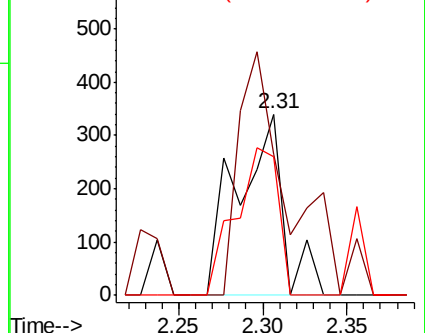
98 76.5 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 24.226 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Tgt Ion: 45 Resp: 647

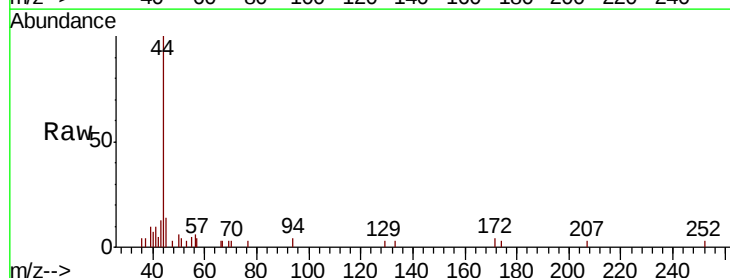
Ion Ratio Lower Upper

45 100

43 94.4 42.2 63.2#

87 0.0 14.6 22.0#

59 0.0 7.0 10.4#

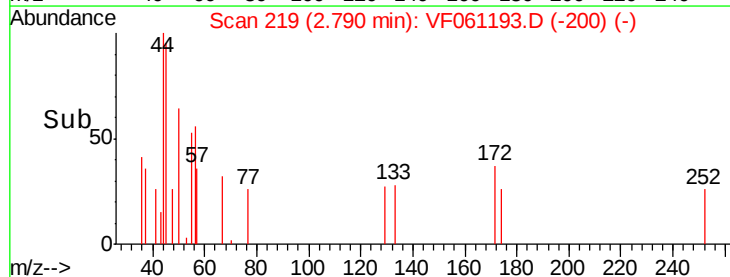
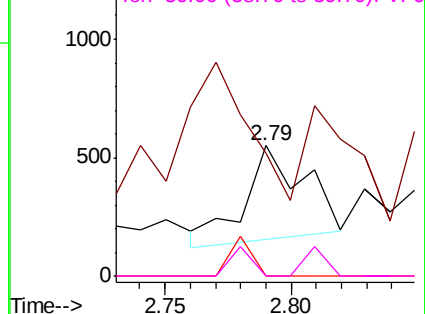


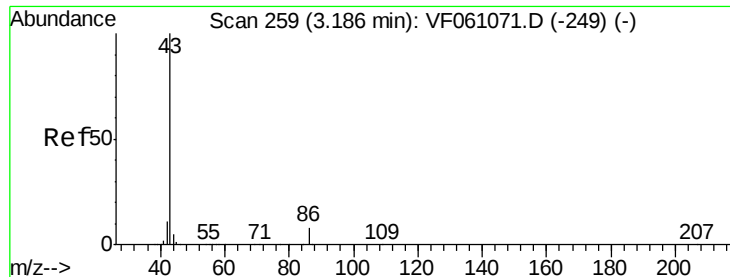
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 68.991 ug/l

RT: 3.20 min Scan# 261

Delta R.T. 0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

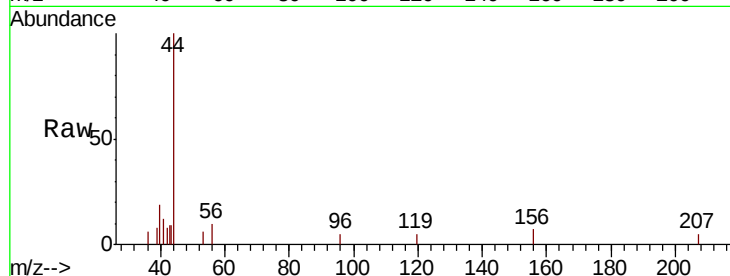
P001-SS001-0612-01MSD

Tot Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

86 0.0 6.3 9.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.20

400

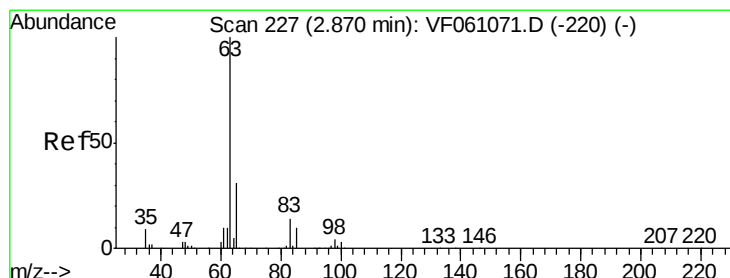
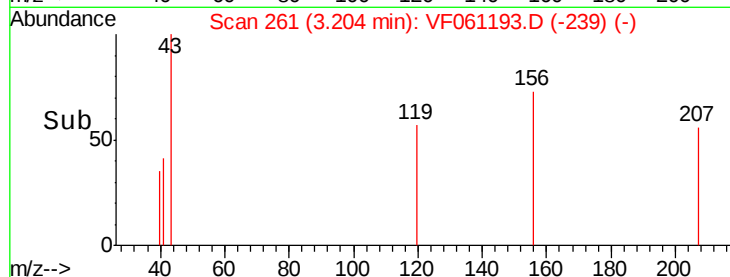
300

200

100

0

Time-->



#24

1,1-Dichloroethane

Concen: 67.873 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

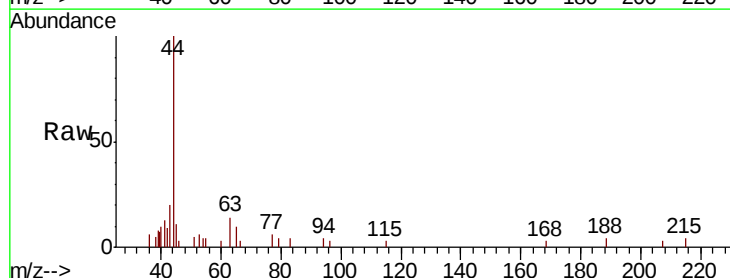
Tgt Ion: 63 Resp: 1074

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.5#

100 0.0 1.7 5.1#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

600

500

400

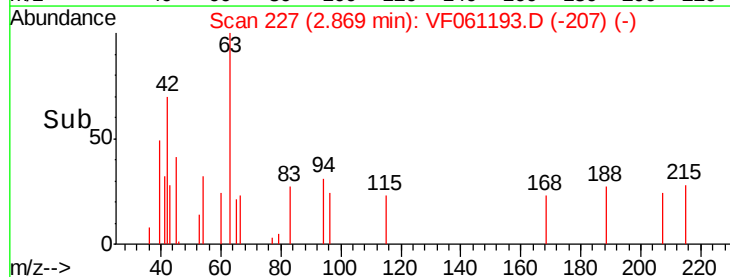
300

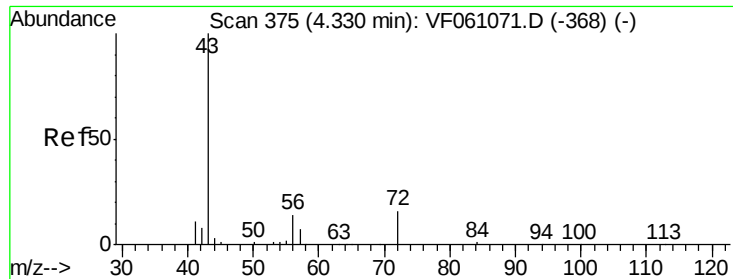
200

100

0

Time-->





#25

2-Butanone

Concen: 242.827 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

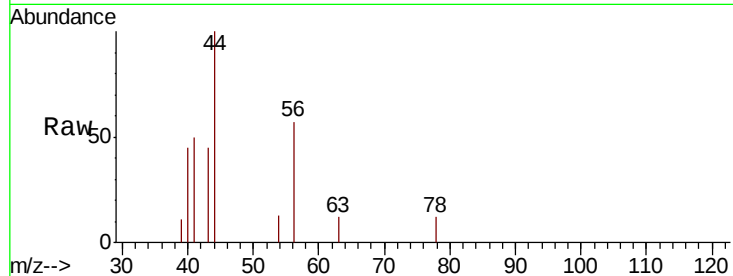
P001-SS001-0612-01MSD

Tot Ion: 43 Resp: 885

Ion Ratio Lower Upper

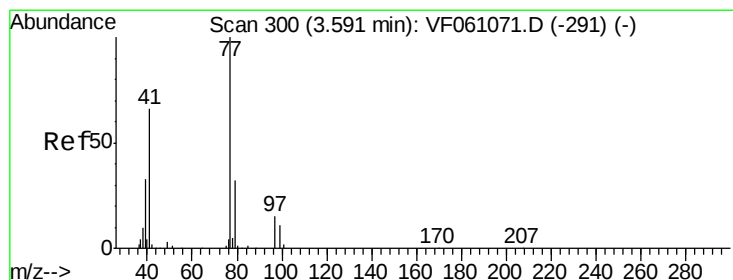
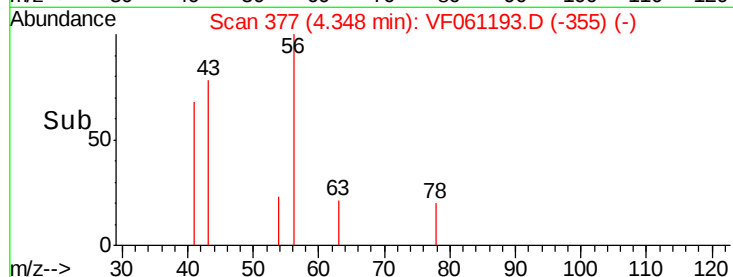
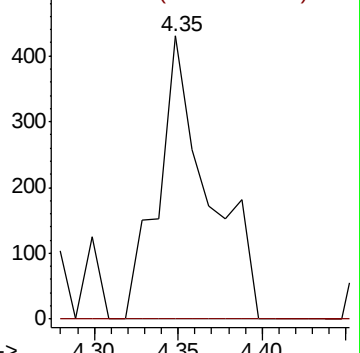
43 100

72 0.0 15.6 23.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 184.124 ug/l

RT: 3.57 min Scan# 298

Delta R.T. -0.02 min

Lab File: VF061193.D

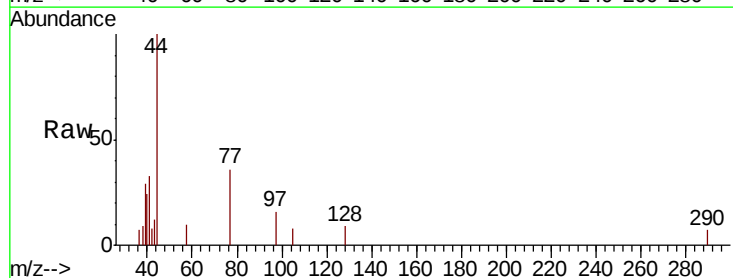
Acq: 26 Dec 2018 17:32

Tgt Ion: 77 Resp: 1672

Ion Ratio Lower Upper

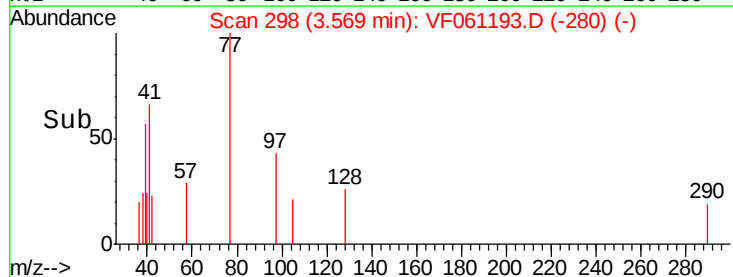
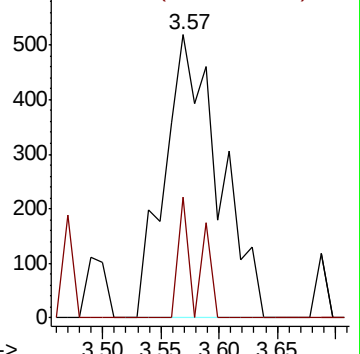
77 100

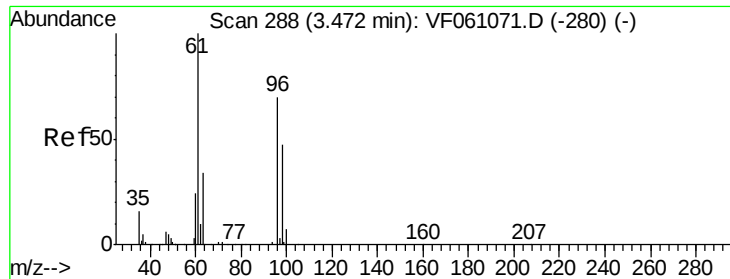
97 42.8 8.2 24.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



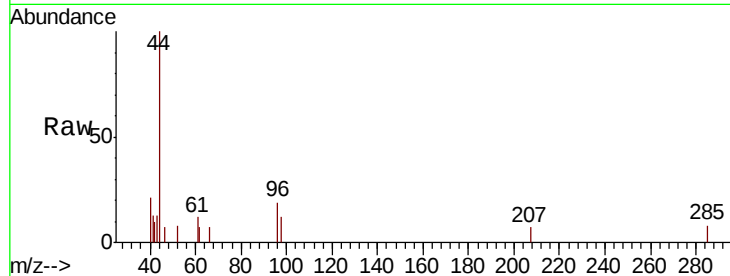


#27

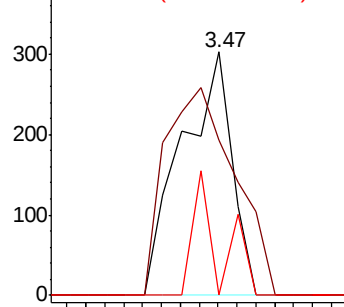
cis-1,2-Dichloroethene
Concen: 44.074 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.00 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

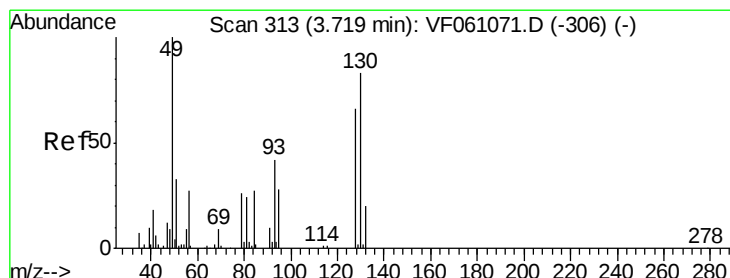
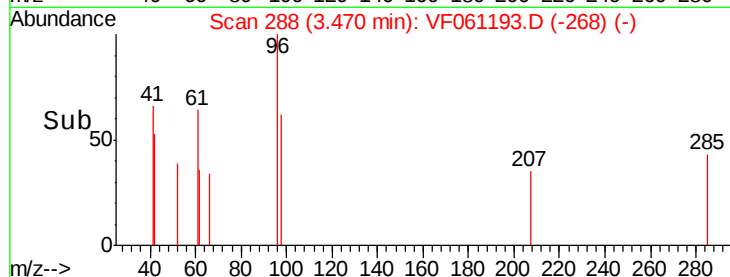
Tot Ion	Ratio	Lower	Upper
96	100		
61	63.7	0.0	287.8
98	0.0	0.0	134.2



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



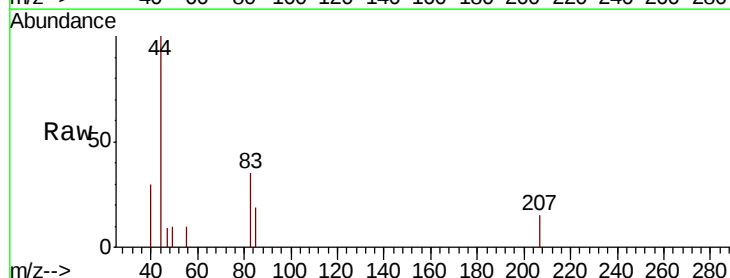
Time-->



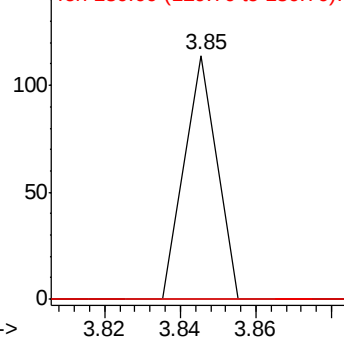
#28

Bromochloromethane
Concen: 8.345 ug/l
RT: 3.85 min Scan# 326
Delta R.T. 0.13 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

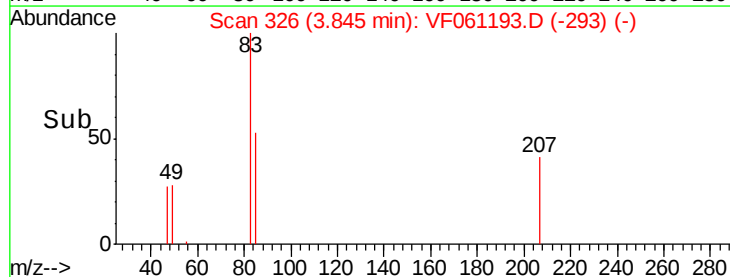
Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	65.8	98.6#

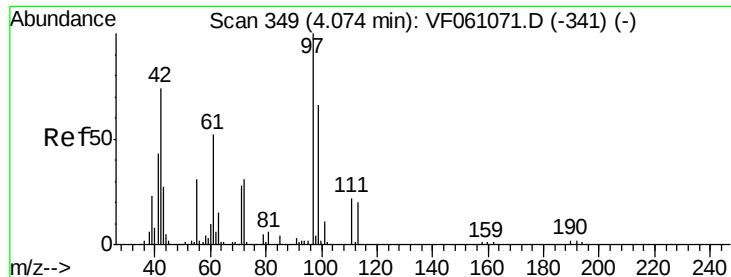


Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V



Time-->





#29

Tetrahydrofuran

Concen: 134.153 ug/l

RT: 4.07 min Scan# 349

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

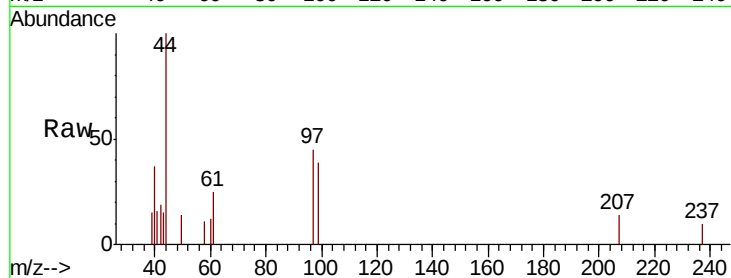
Tot Ion: 42 Resp: 199

Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

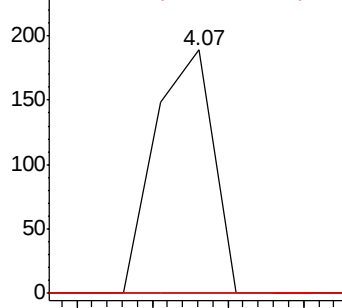
71 0.0 29.7 44.5#



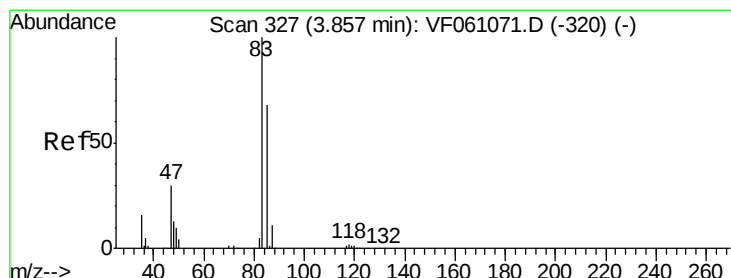
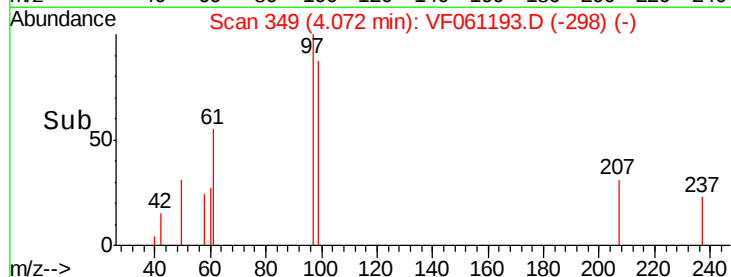
Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



Time-->



#30

Chloroform

Concen: 44.845 ug/l

RT: 3.84 min Scan# 325

Delta R.T. -0.02 min

Lab File: VF061193.D

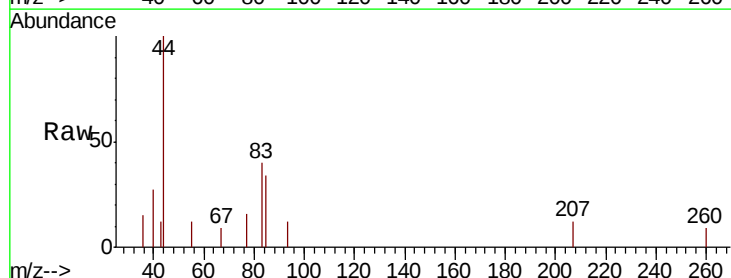
Acq: 26 Dec 2018 17:32

Tgt Ion: 83 Resp: 1064

Ion Ratio Lower Upper

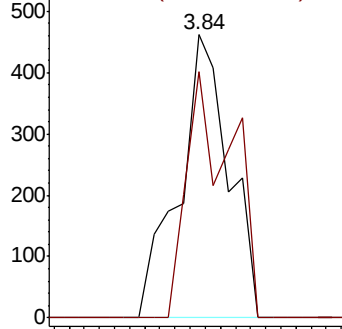
83 100

85 86.8 54.5 81.7#

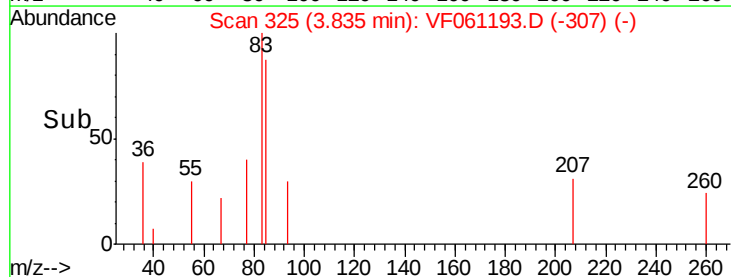


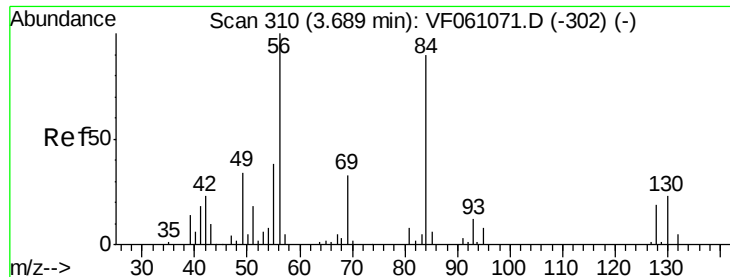
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



Time-->





#31

Cyclohexane

Concen: 87.883 ug/l

RT: 3.67 min Scan# 308

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

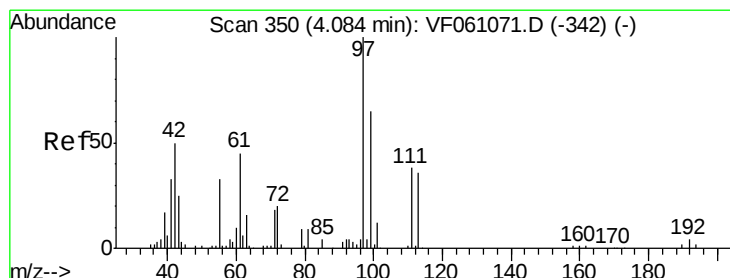
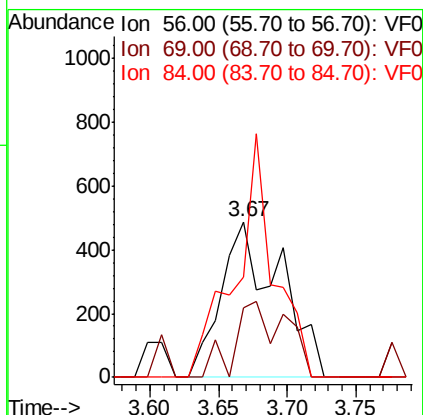
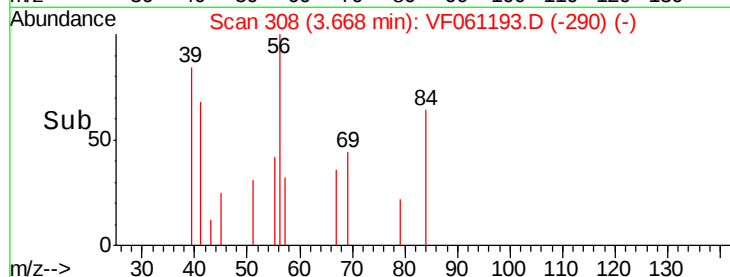
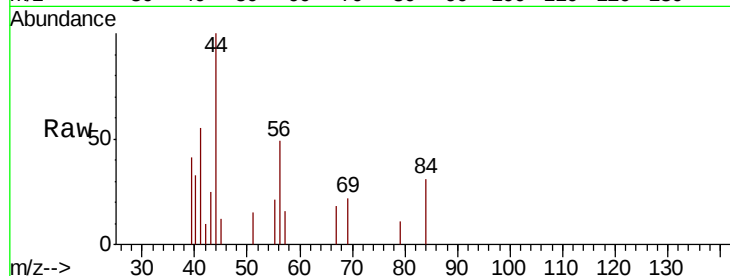
Tot Ion: 56 Resp: 1443

Ion Ratio Lower Upper

56 100

69 44.4 26.0 39.0#

84 64.2 71.4 107.2#



#32

1,1,1-Trichloroethane

Concen: 111.876 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

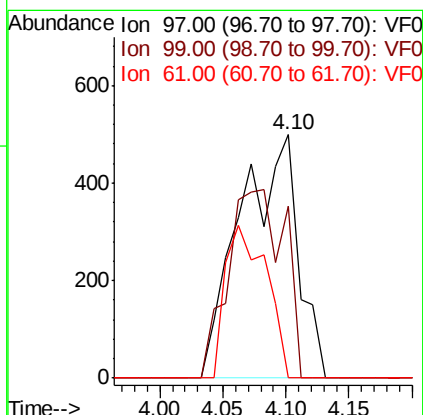
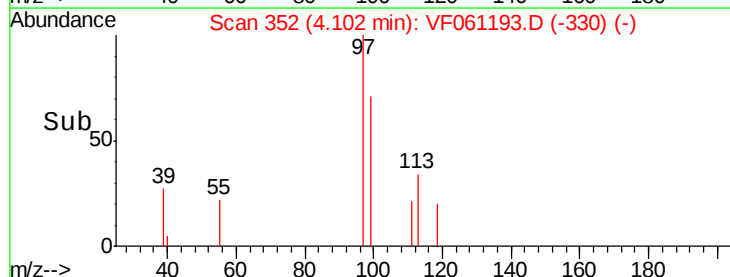
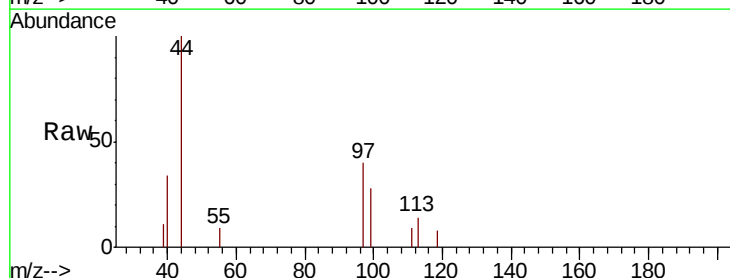
Tgt Ion: 97 Resp: 1591

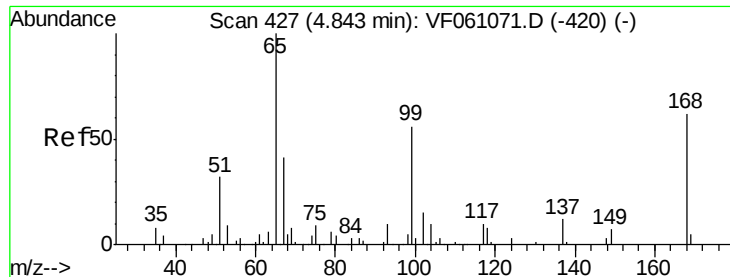
Ion Ratio Lower Upper

97 100

99 70.5 51.6 77.4

61 0.0 36.2 54.2#





#33

1,2-Dichloroethane-d4

Concen: 5.515 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

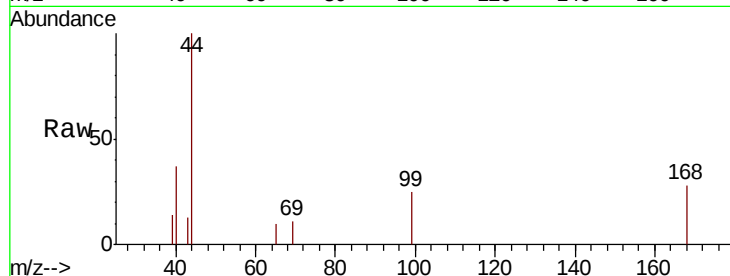
P001-SS001-0612-01MSD

Tot Ion: 65 Resp: 62

Ion Ratio Lower Upper

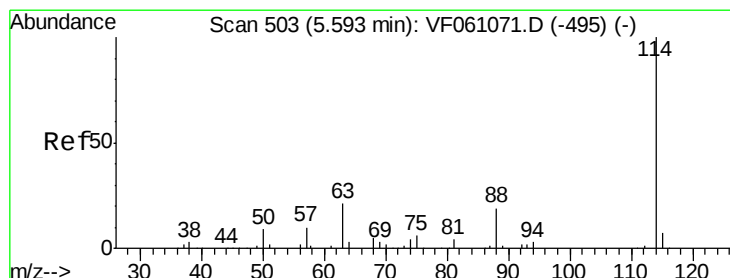
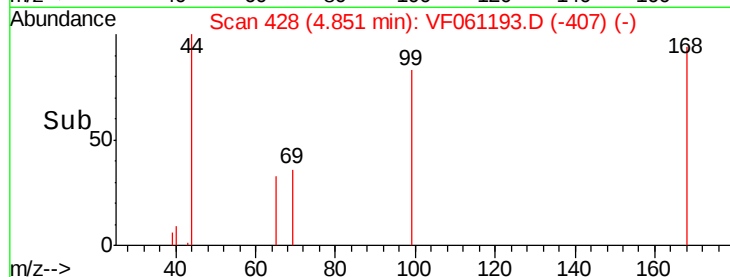
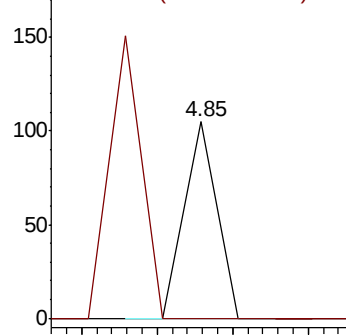
65 100

67 0.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

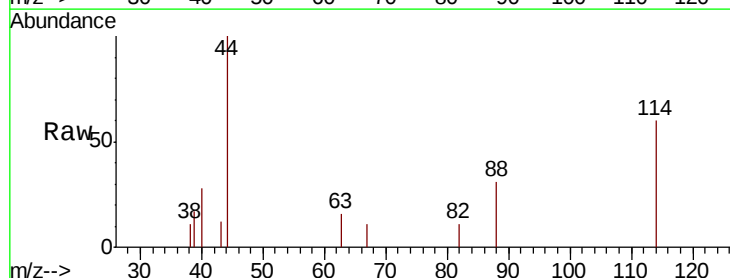
Tgt Ion: 114 Resp: 1838

Ion Ratio Lower Upper

114 100

63 26.6 0.0 41.6

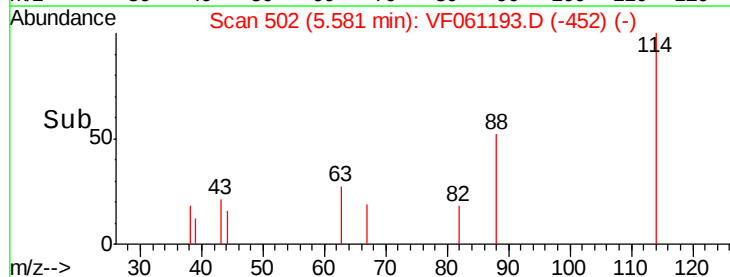
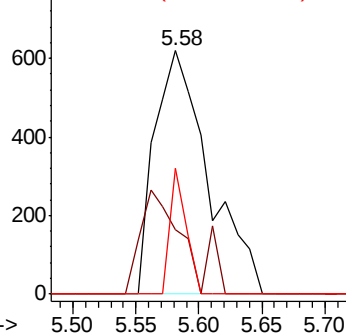
88 51.6 0.0 38.0#

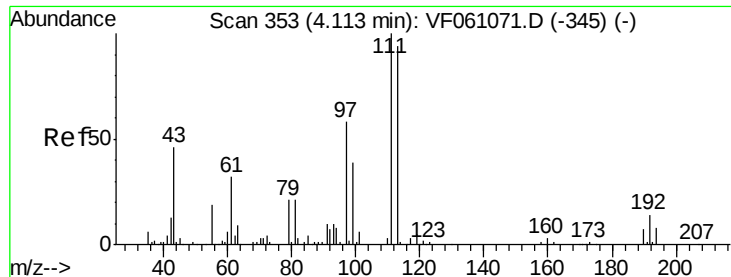


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

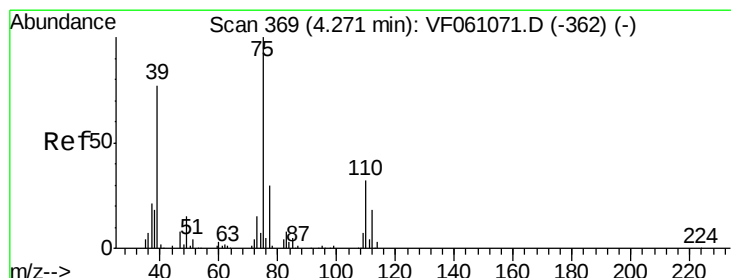
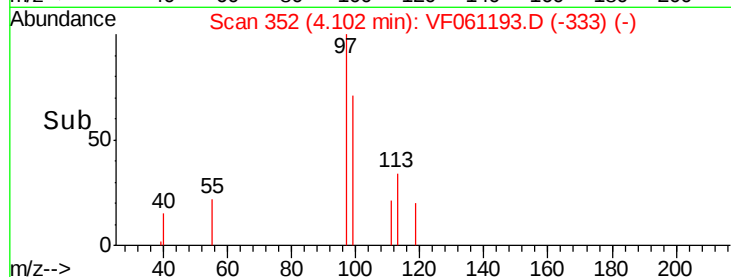
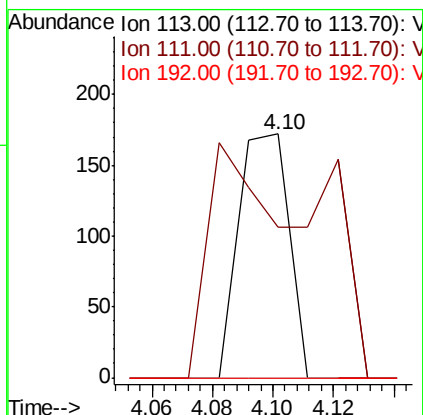
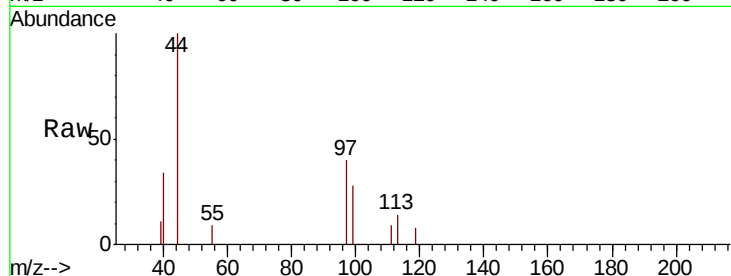




#35
 Dibromofluoromethane
 Concen: 13.652 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061193.D
 Acq: 26 Dec 2018 17:32

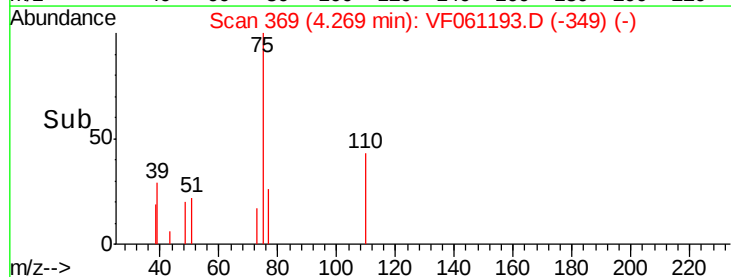
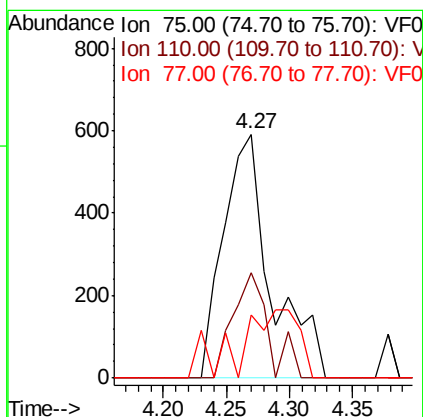
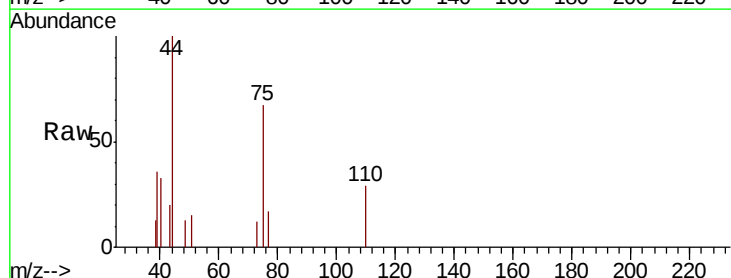
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS001-0612-01MSD

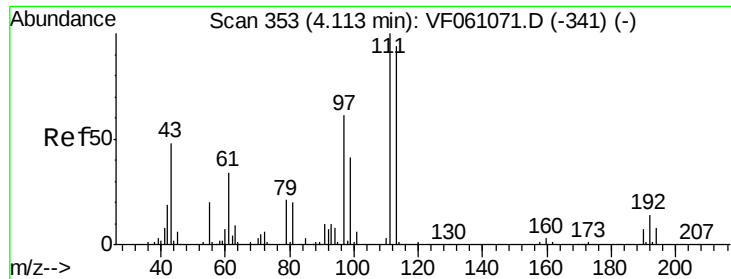
Tot Ion:113 Resp: 201
 Ion Ratio Lower Upper
 113 100
 111 61.6 85.2 127.8#
 192 0.0 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 69.774 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VF061193.D
 Acq: 26 Dec 2018 17:32

Tgt Ion: 75 Resp: 1548
 Ion Ratio Lower Upper
 75 100
 110 43.5 16.1 48.2
 77 25.7 24.5 36.7

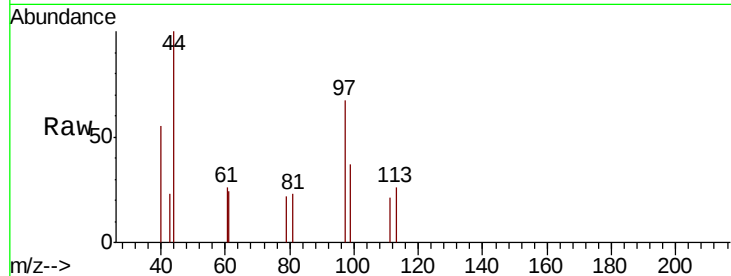




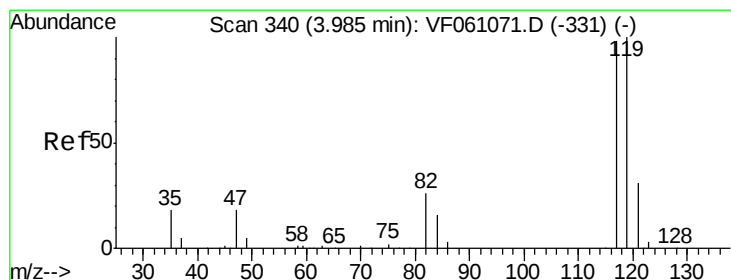
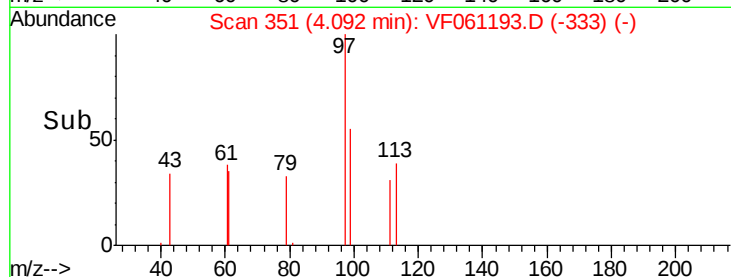
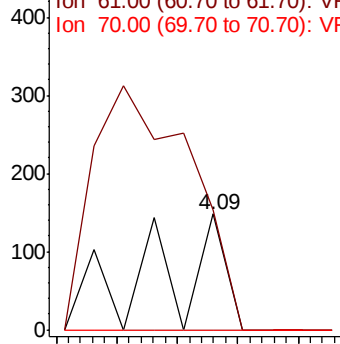
#37
Ethyl Acetate
Concen: 17.838 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
61 103.4 56.6 84.8#
70 0.0 6.3 9.5#

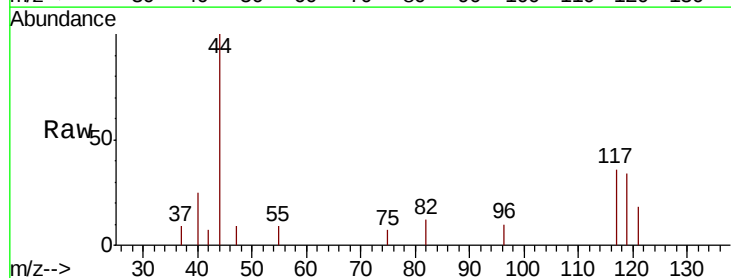


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

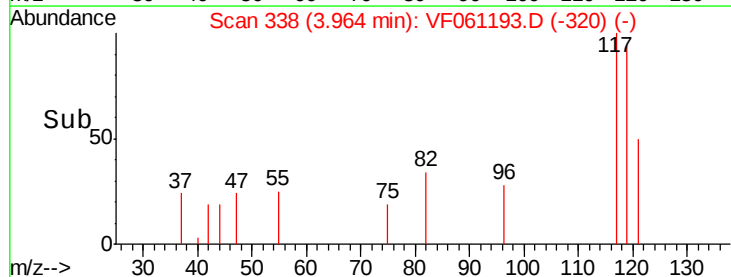
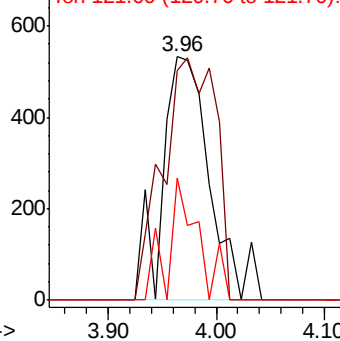


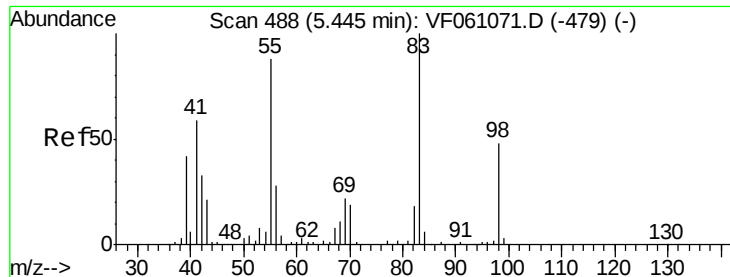
#38
Carbon Tetrachloride
Concen: 97.600 ug/l
RT: 3.96 min Scan# 338
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 117 Resp: 1649
Ion Ratio Lower Upper
117 100
119 94.2 82.1 123.1
121 49.9 25.5 38.3#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

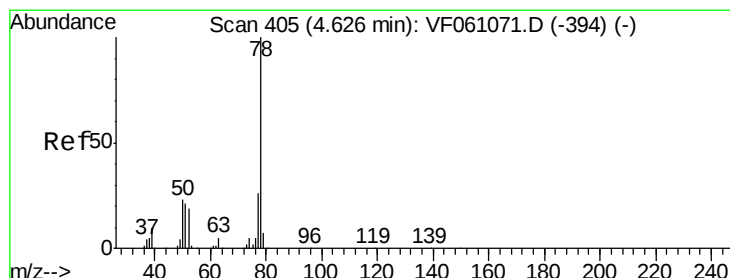
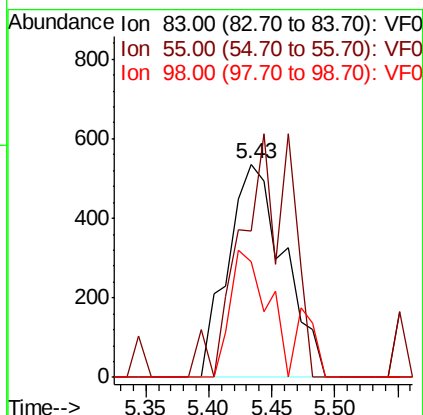
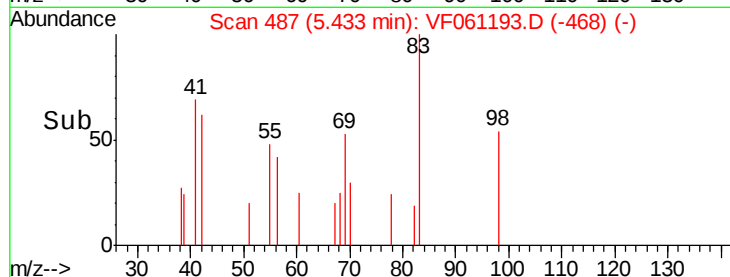
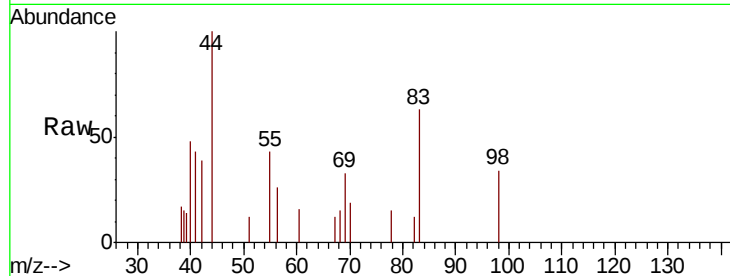




#39
Methvlcvclohexane
Concen: 83.150 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

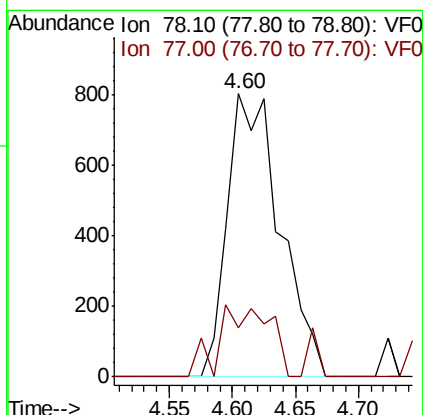
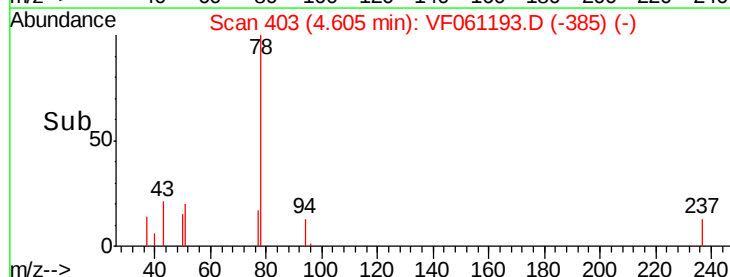
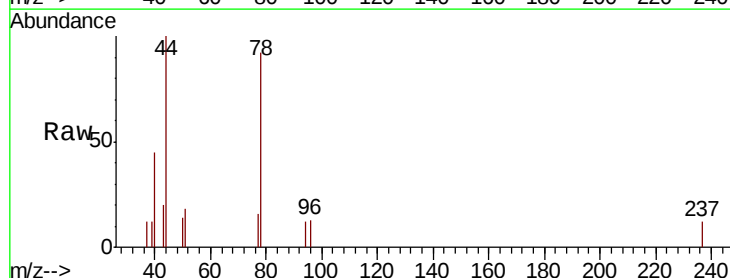
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

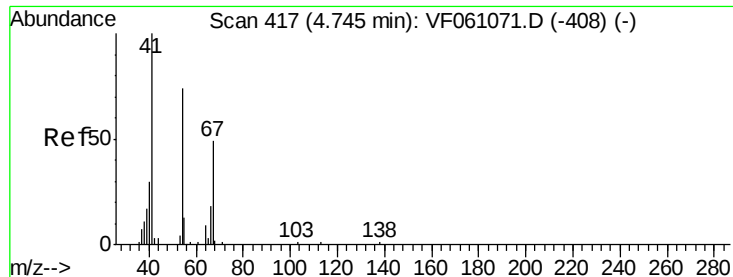
Tot Ion: 83 Resp: 1655
Ion Ratio Lower Upper
83 100
55 68.5 70.6 105.8#
98 54.2 38.5 57.7



#40
Benzene
Concen: 48.731 ug/l
RT: 4.60 min Scan# 403
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 78 Resp: 2325
Ion Ratio Lower Upper
78 100
77 17.3 20.7 31.1#

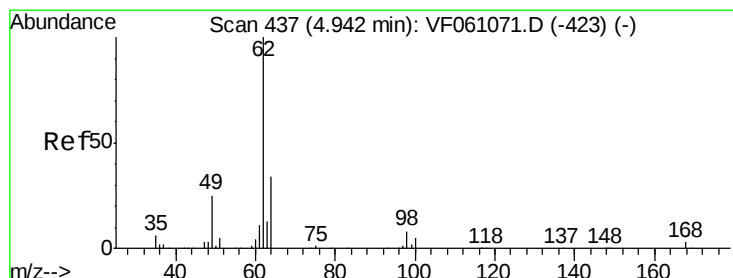
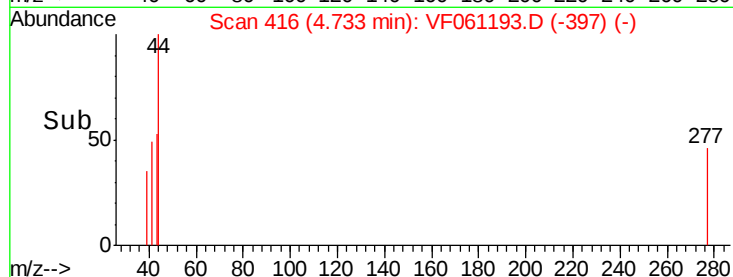
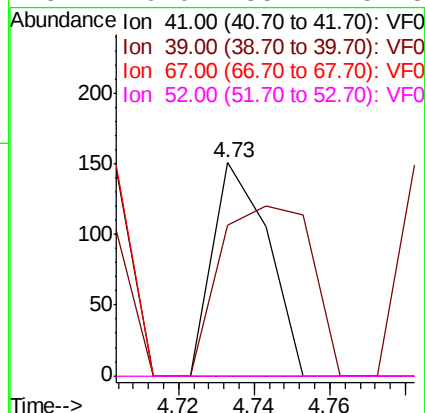
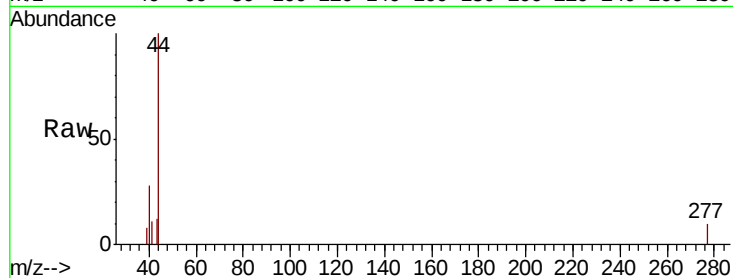




#41
Methacrylonitrile
Concen: 32.441 ug/l
RT: 4.73 min Scan# 416
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

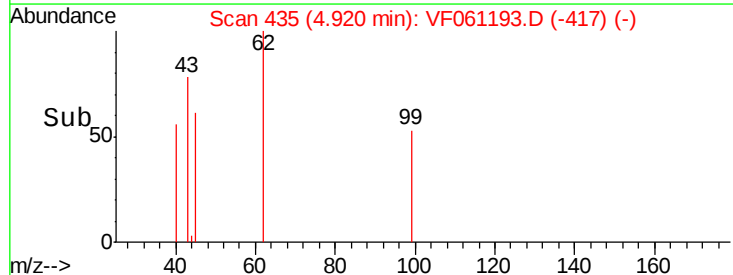
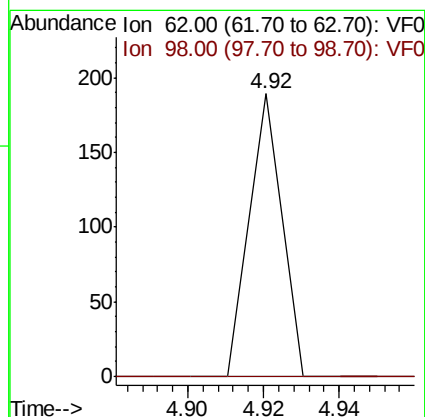
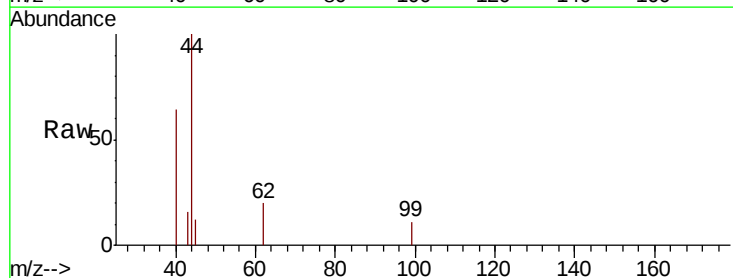
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

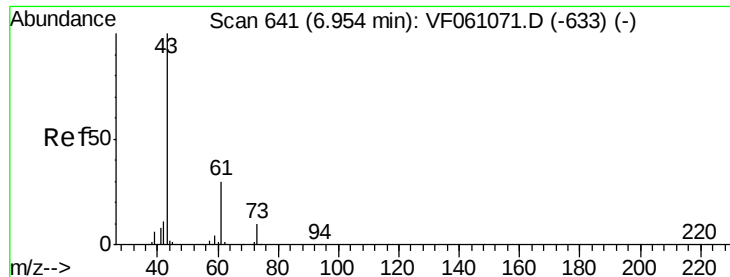
Tot Ion:	41	Resp:	152
Ion	Ratio	Lower	Upper
41	100		
39	70.9	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#



#42
1,2-Dichloroethane
Concen: 6.179 ug/l
RT: 4.92 min Scan# 435
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion:	62	Resp:	112
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



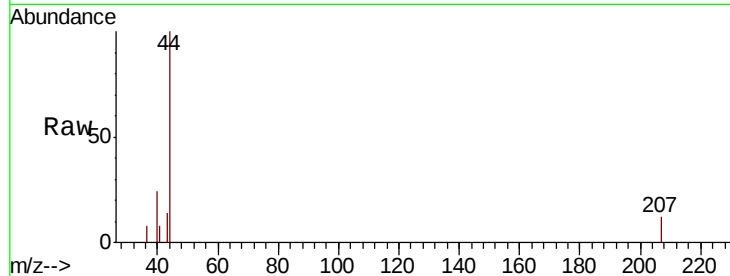


#43

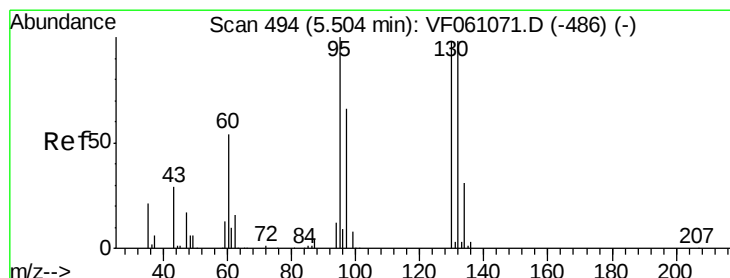
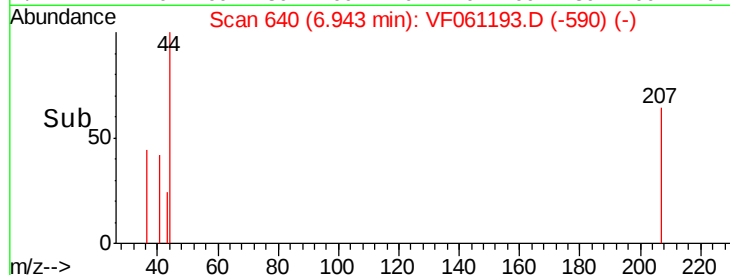
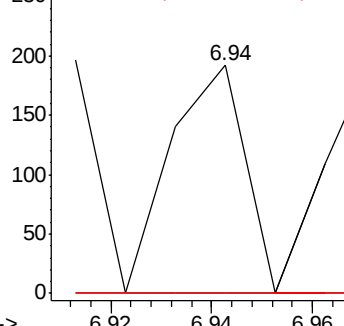
Isopropyl Acetate
 Concen: 18.390 ug/l
 RT: 6.94 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: VF061193.D
 Acq: 26 Dec 2018 17:32

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS001-0612-01MSD

Tot Ion: 43 Resp: 197
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.8 35.8#
 87 0.0 0.0 0.0



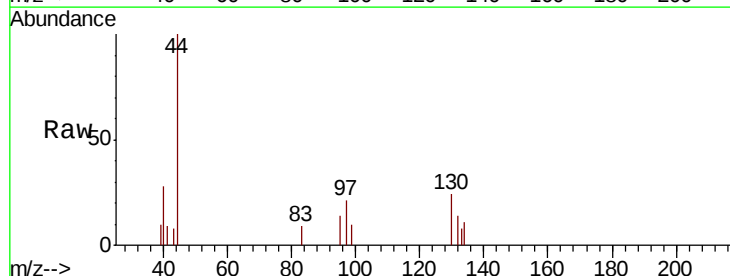
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



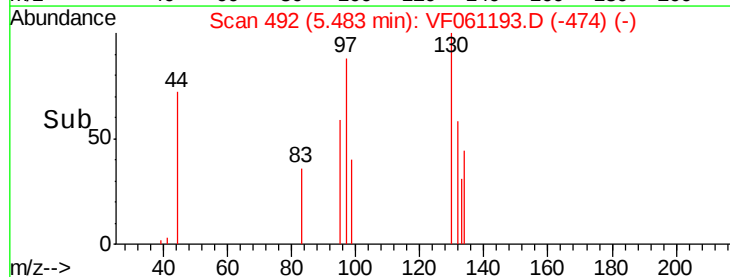
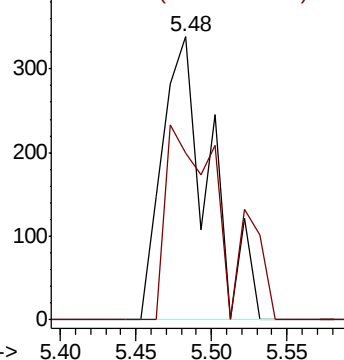
#44

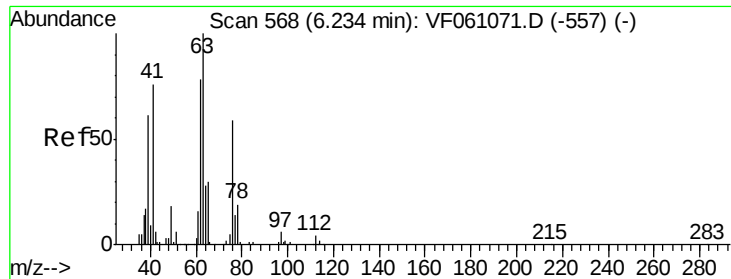
Trichloroethene
 Concen: 48.863 ug/l
 RT: 5.48 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VF061193.D
 Acq: 26 Dec 2018 17:32

Tgt Ion: 130 Resp: 735
 Ion Ratio Lower Upper
 130 100
 95 58.9 0.0 205.2



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 29.120 ug/l

RT: 6.21 min Scan# 566

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

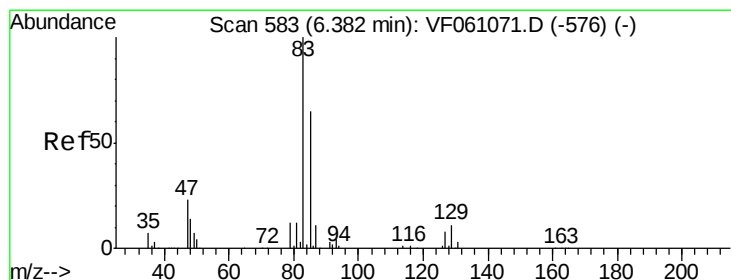
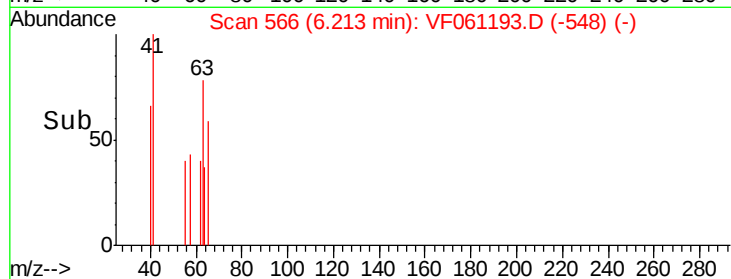
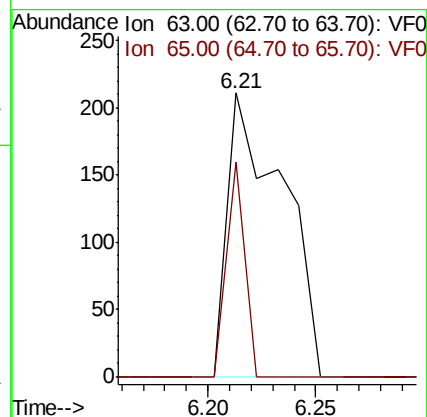
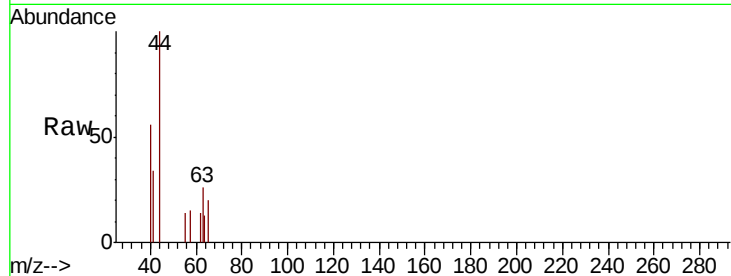
P001-SS001-0612-01MSD

Tot Ion: 63 Resp: 378

Ion Ratio Lower Upper

63 100

65 75.8 24.4 36.6#



#47

Bromodichloromethane

Concen: 24.092 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

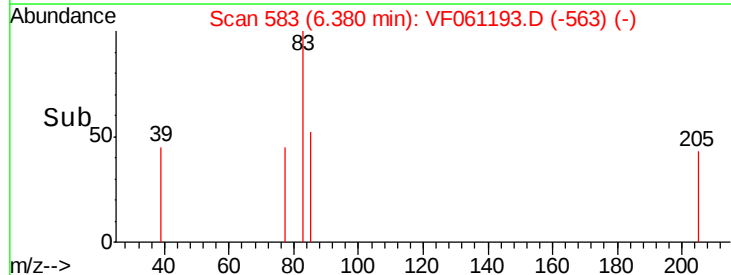
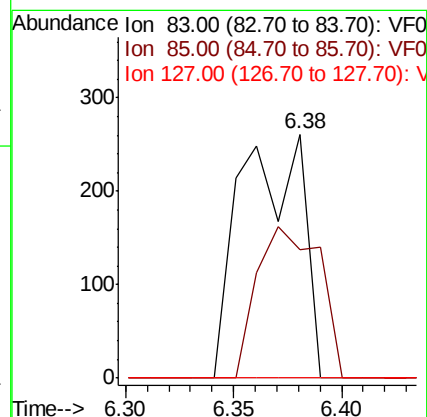
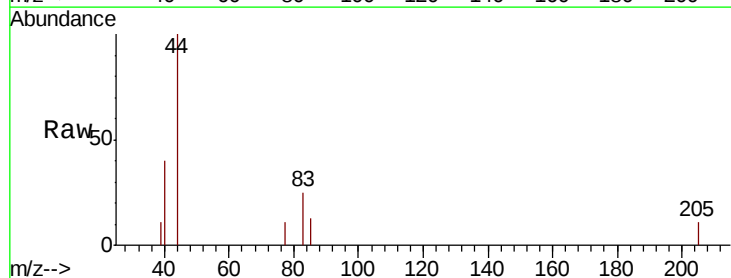
Tgt Ion: 83 Resp: 527

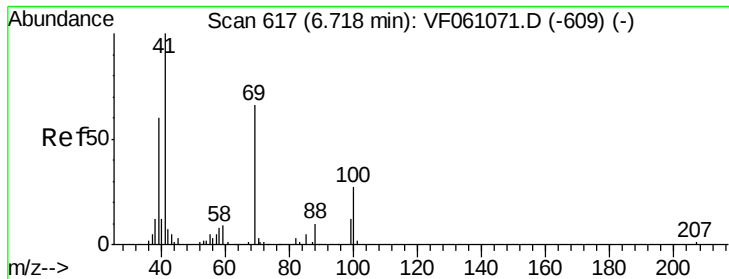
Ion Ratio Lower Upper

83 100

85 52.5 52.2 78.4

127 0.0 6.1 9.1#

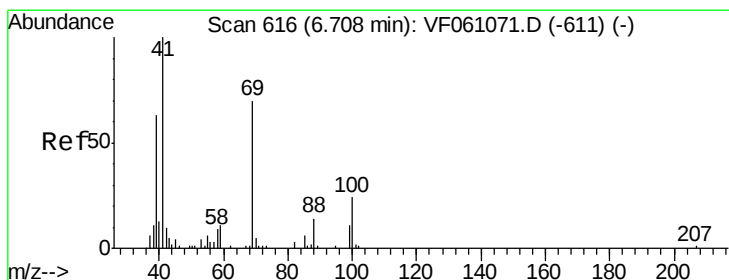
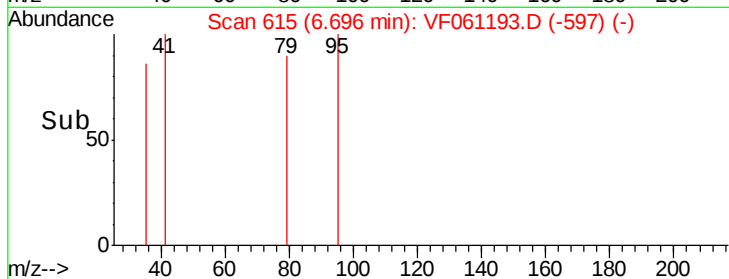
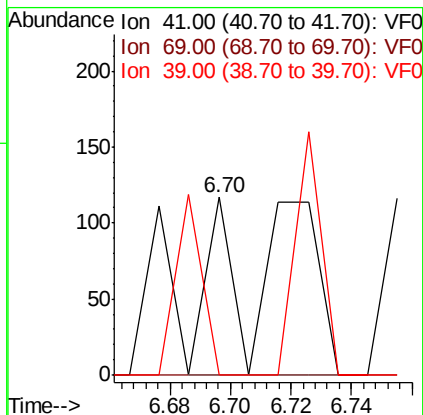
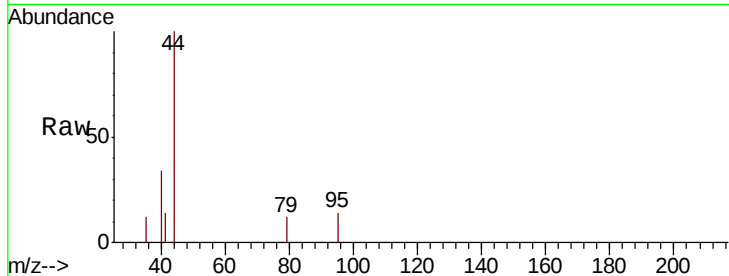




#48
Methvl methacrylate
Concen: 27.278 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

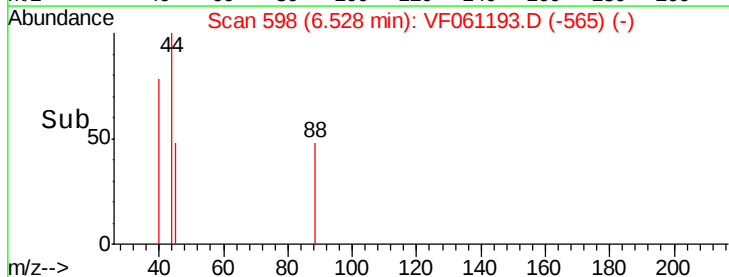
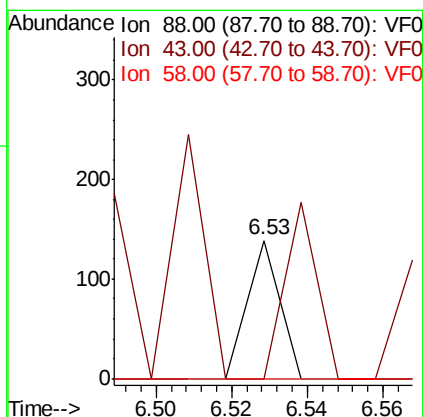
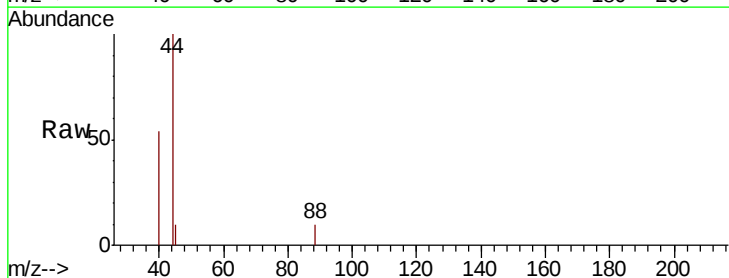
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

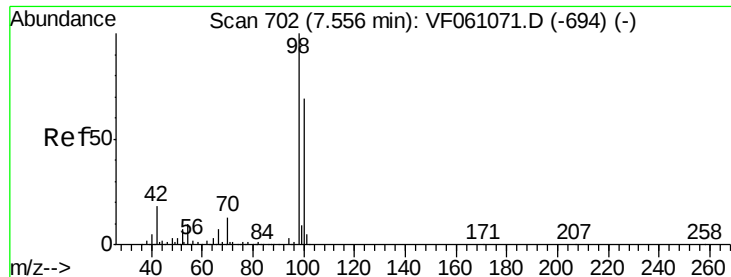
Tot Ion: 41 Resp: 204
Ion Ratio Lower Upper
41 100
69 0.0 52.7 79.1#
39 0.0 47.8 71.6#



#49
1,4-Dioxane
Concen: 1511.145 ug/l
RT: 6.53 min Scan# 598
Delta R.T. -0.18 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 0.0 33.3 49.9#
58 0.0 53.2 79.8#





#50

Toluene-d8

Concen: 43.068 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

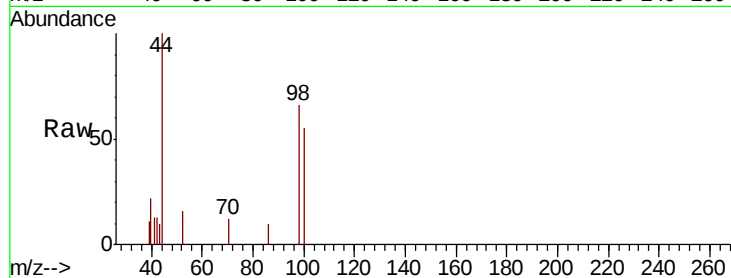
P001-SS001-0612-01MSD

Tot Ion: 98 Resp: 1797

Ion Ratio Lower Upper

98 100

100 83.0 55.3 82.9#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.54

800

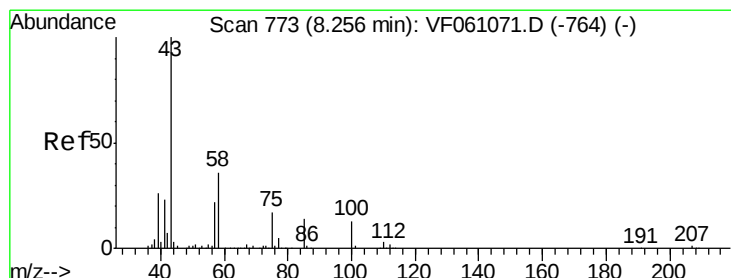
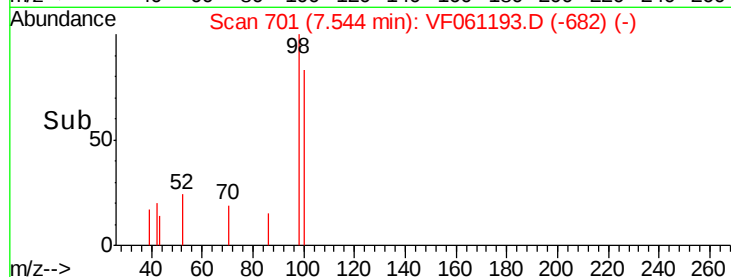
600

400

200

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 13.883 ug/l

RT: 8.23 min Scan# 771

Delta R.T. -0.02 min

Lab File: VF061193.D

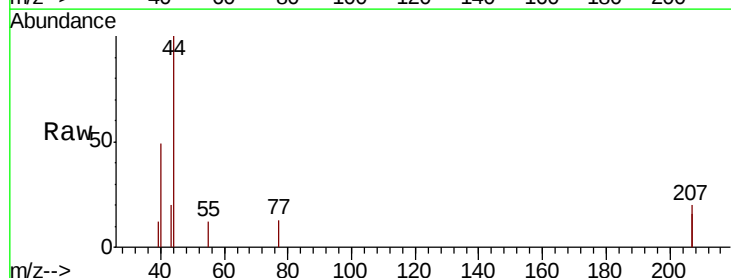
Acq: 26 Dec 2018 17:32

Tgt Ion: 43 Resp: 102

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

200

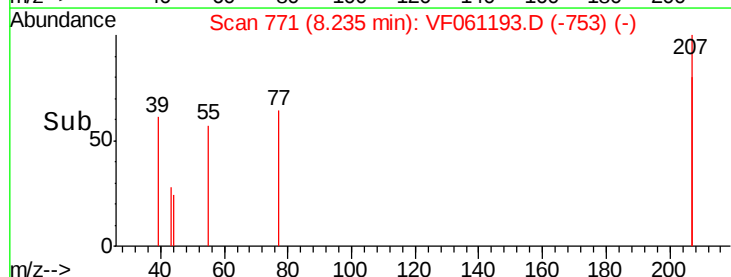
150

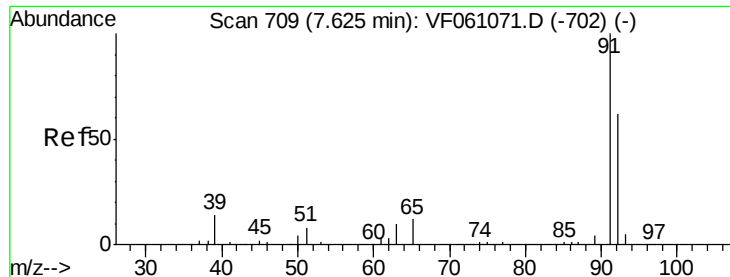
100

50

0

Time-->





#52

Toluene

Concen: 41.796 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

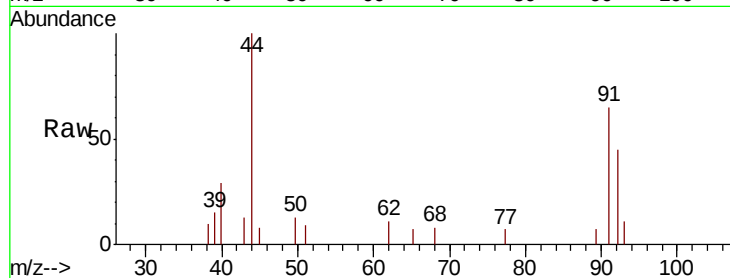
P001-SS001-0612-01MSD

Tot Ion: 92 Resp: 1320

Ion Ratio Lower Upper

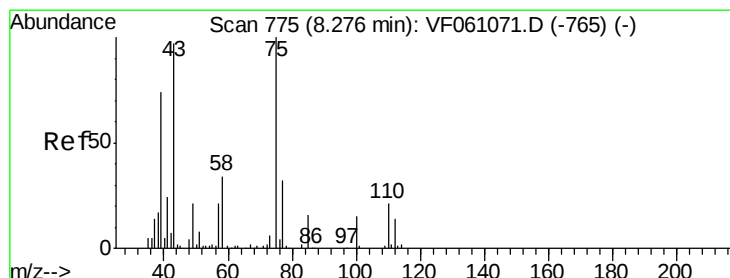
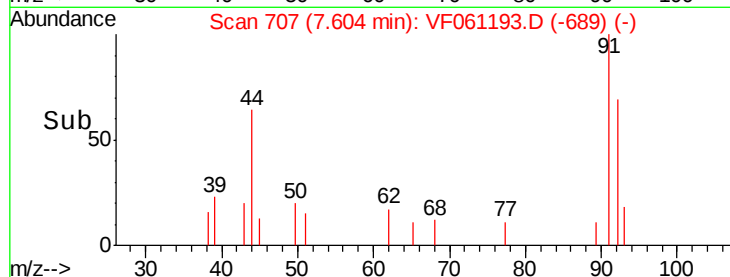
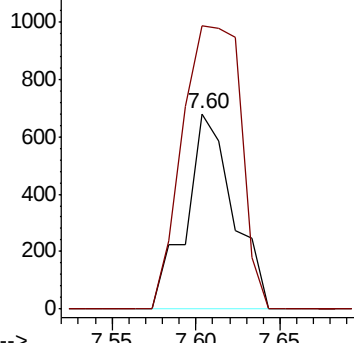
92 100

91 145.1 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#53

t-1,3-Dichloropropene

Concen: 8.727 ug/l

RT: 8.25 min Scan# 773

Delta R.T. -0.02 min

Lab File: VF061193.D

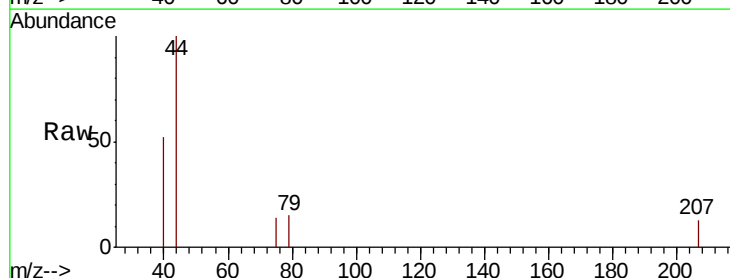
Acq: 26 Dec 2018 17:32

Tgt Ion: 75 Resp: 154

Ion Ratio Lower Upper

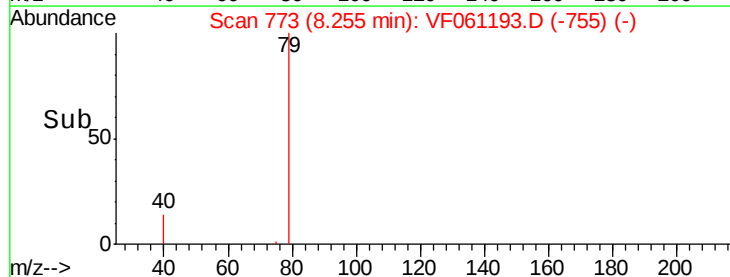
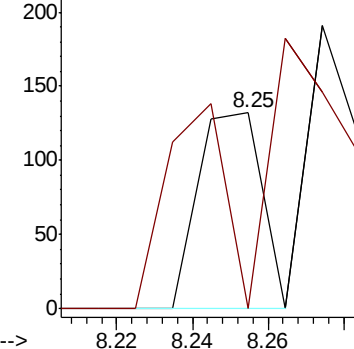
75 100

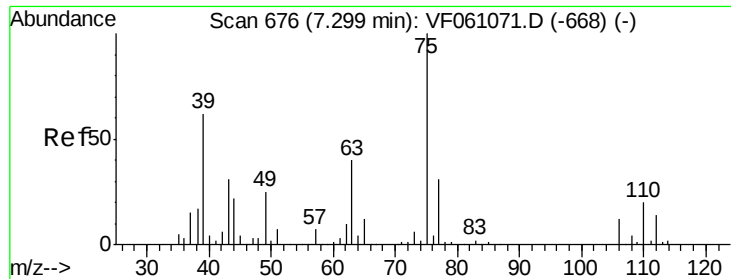
77 0.0 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#54

cis-1,3-Dichloropropene

Concen: 4.064 ug/l

RT: 7.30 min Scan# 676

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

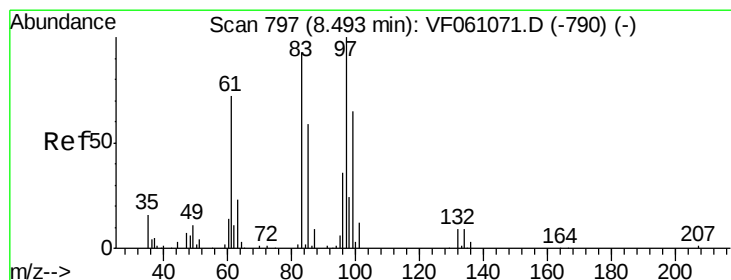
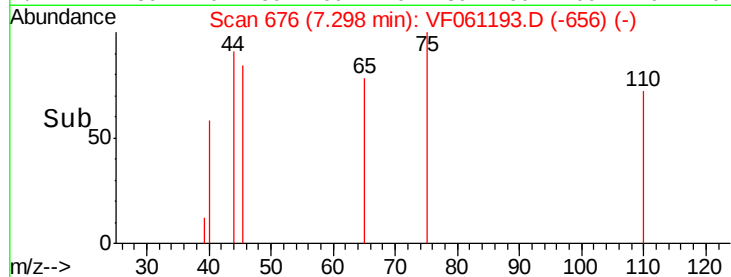
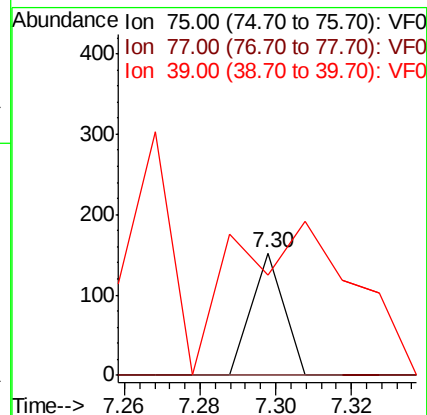
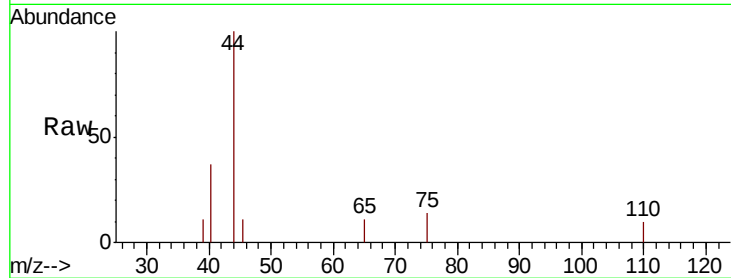
Tot Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 82.2 50.1 75.1#



#55

1,1,2-Trichloroethane

Concen: 25.666 ug/l

RT: 8.46 min Scan# 794

Delta R.T. -0.03 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Tgt Ion: 97 Resp: 243

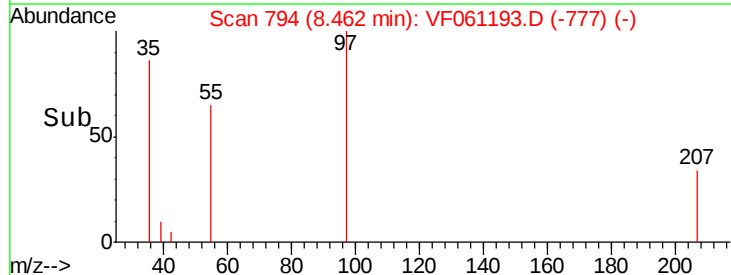
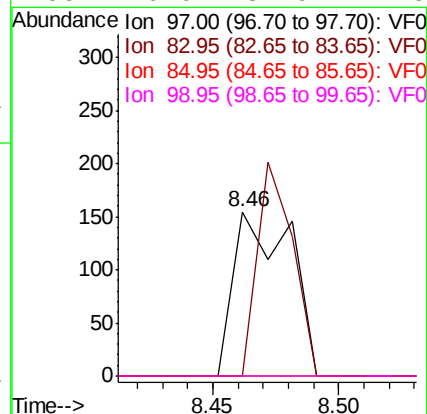
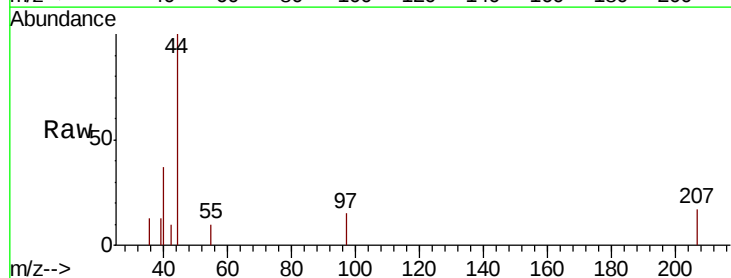
Ion Ratio Lower Upper

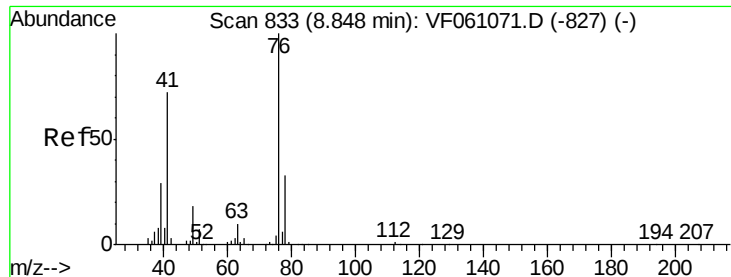
97 100

83 0.0 75.0 112.4#

85 0.0 47.5 71.3#

99 0.0 51.9 77.9#





#57

1,3-Dichloropropane

Concen: 9.811 ug/l

RT: 8.83 min Scan# 831

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

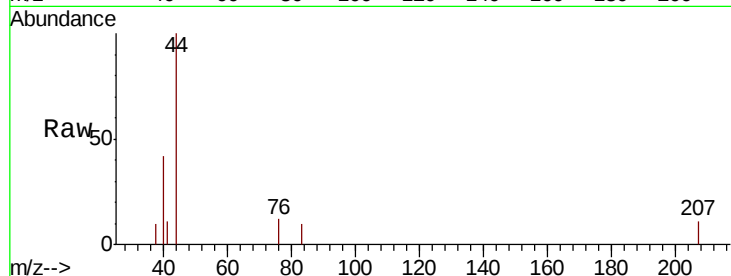
P001-SS001-0612-01MSD

Tot Ion: 76 Resp: 168

Ion Ratio Lower Upper

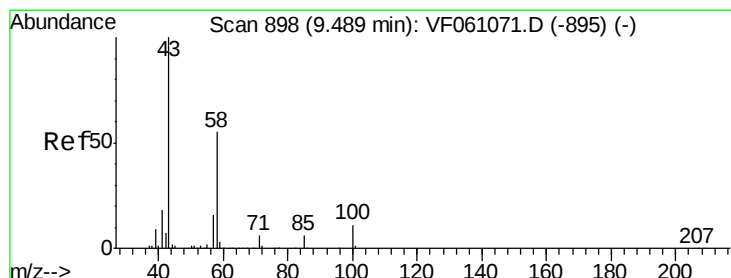
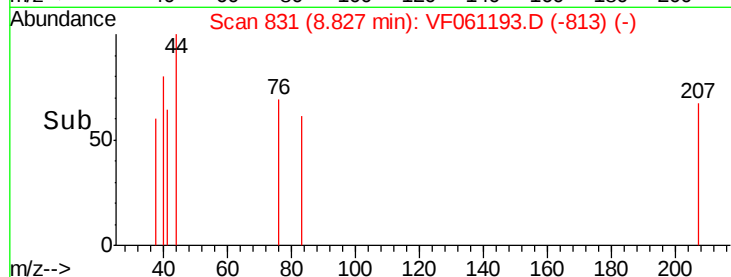
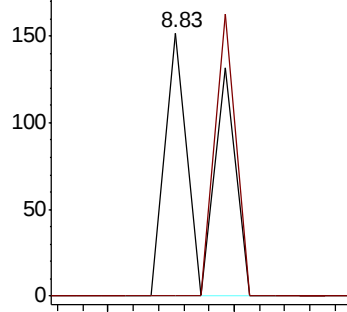
76 100

78 0.0 26.5 39.7#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#59

2-Hexanone

Concen: 53.641 ug/l

RT: 9.51 min Scan# 900

Delta R.T. 0.02 min

Lab File: VF061193.D

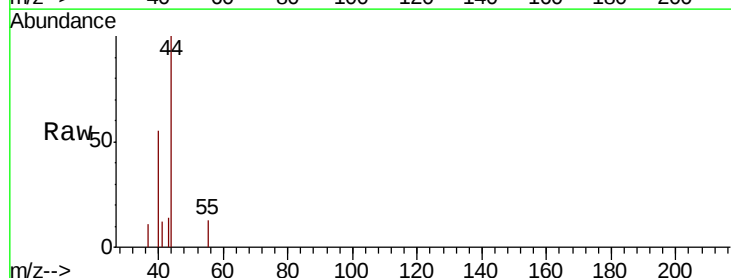
Acq: 26 Dec 2018 17:32

Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

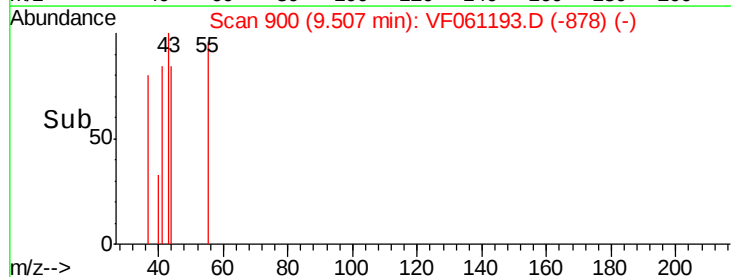
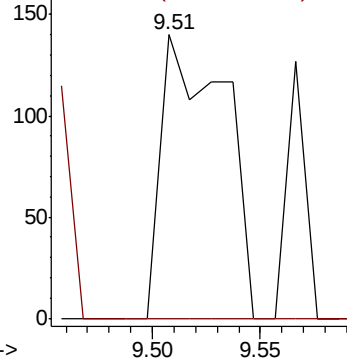
43 100

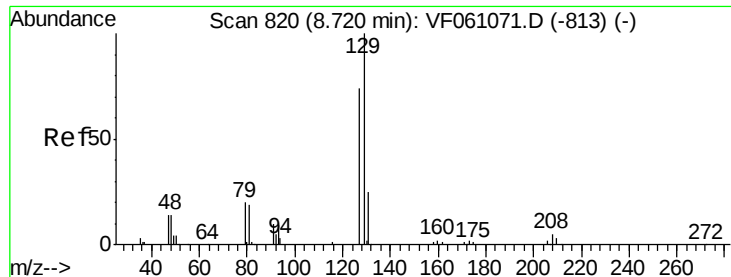
58 0.0 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#60

Dibromochloromethane

Concen: 11.126 ug/l

RT: 8.72 min Scan# 820

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

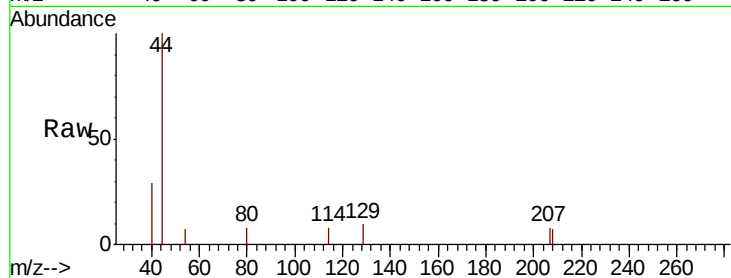
P001-SS001-0612-01MSD

Tot Ion:129 Resp: 151

Ion Ratio Lower Upper

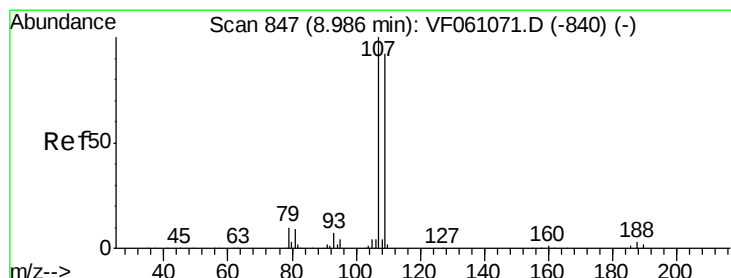
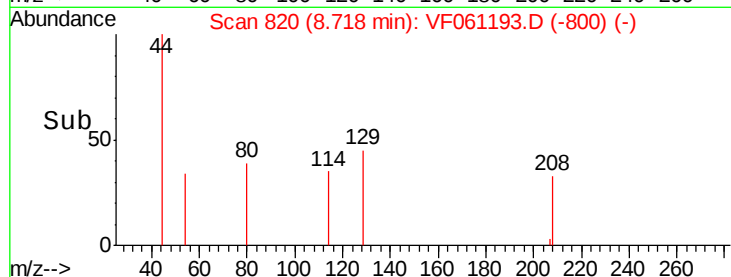
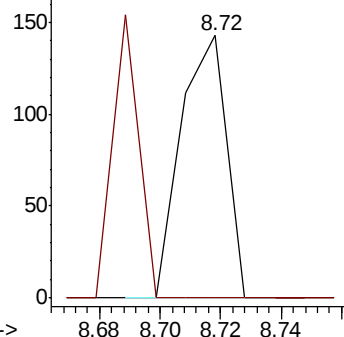
129 100

127 0.0 36.8 110.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 6.132 ug/l

RT: 8.96 min Scan# 845

Delta R.T. -0.02 min

Lab File: VF061193.D

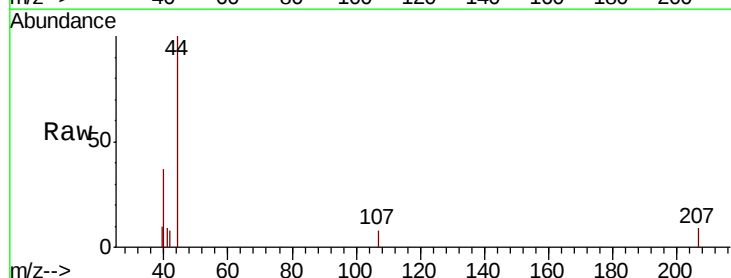
Acq: 26 Dec 2018 17:32

Tgt Ion:107 Resp: 62

Ion Ratio Lower Upper

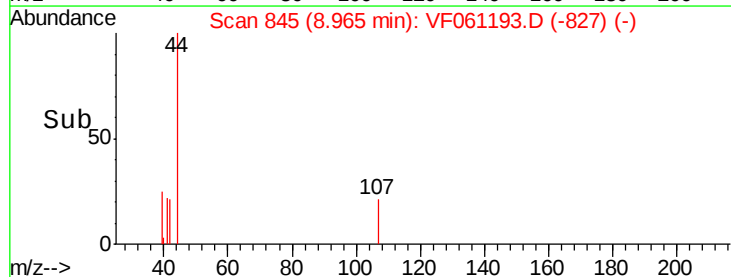
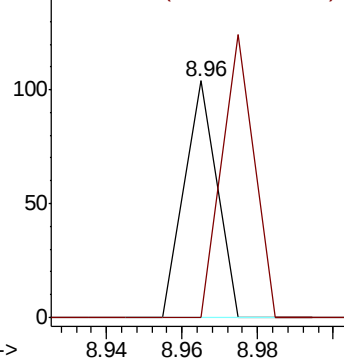
107 100

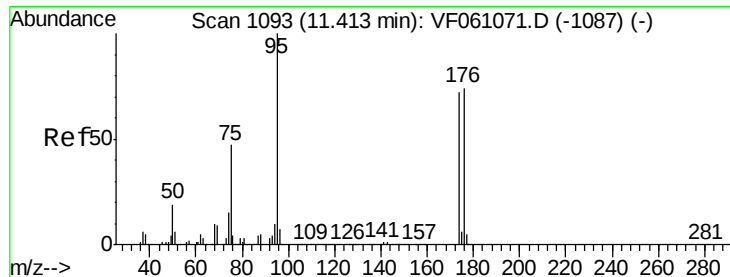
109 0.0 73.7 110.5#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

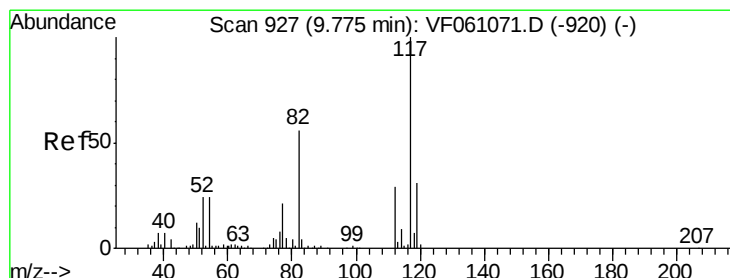
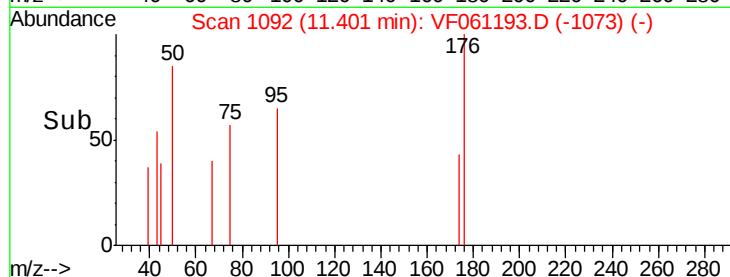
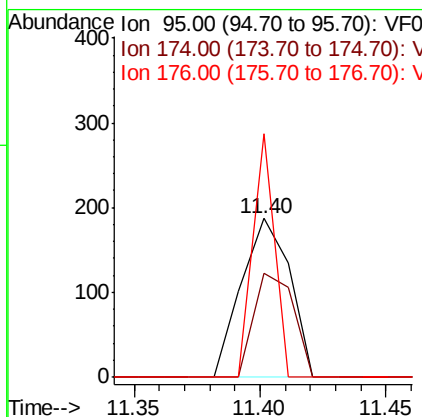
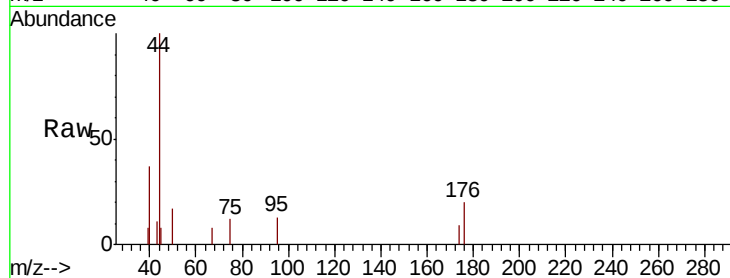




#62
4-Bromofluorobenzene
Concen: 12.997 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

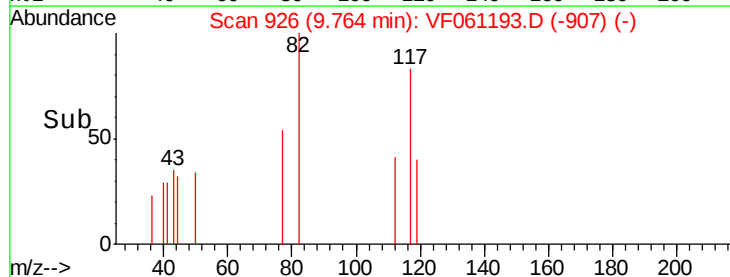
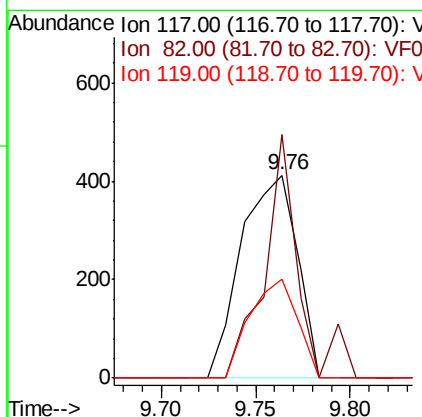
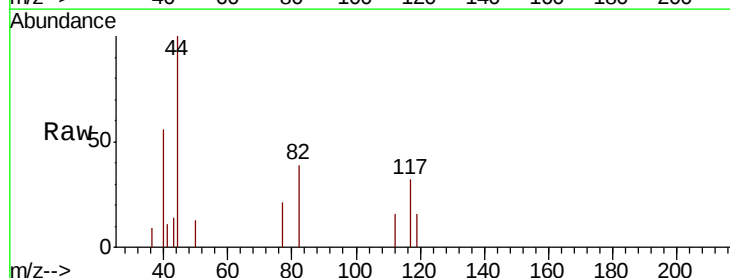
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

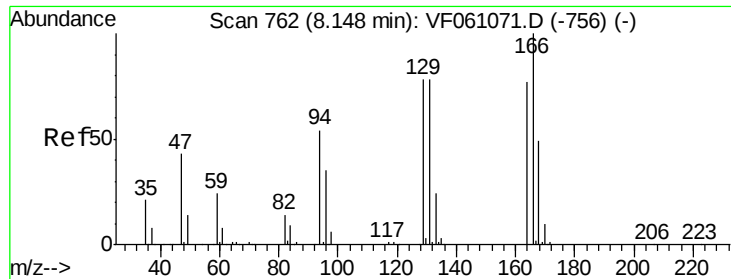
Tot Ion: 95 Resp: 250
Ion Ratio Lower Upper
95 100
174 65.2 0.0 143.8
176 153.5 0.0 147.6#



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 117 Resp: 846
Ion Ratio Lower Upper
117 100
82 120.1 45.0 67.4#
119 48.5 24.8 37.2#

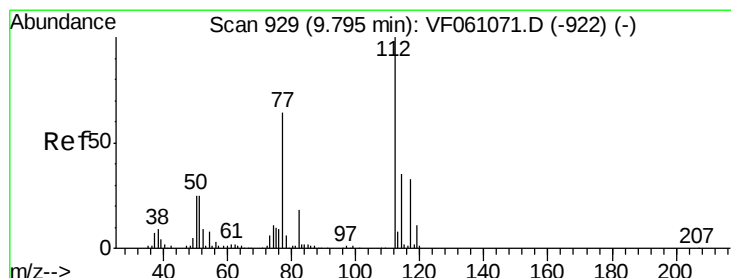
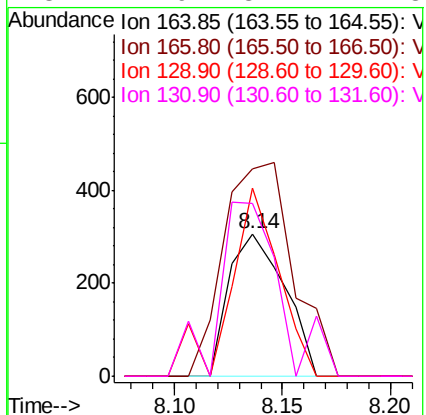
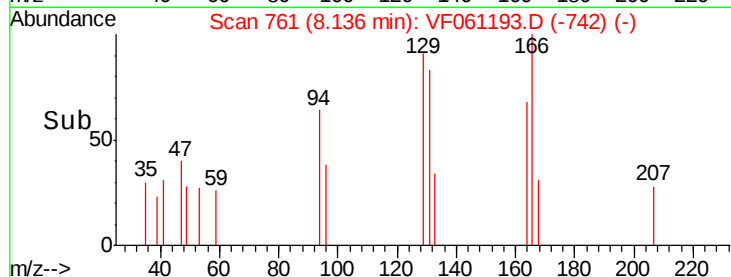
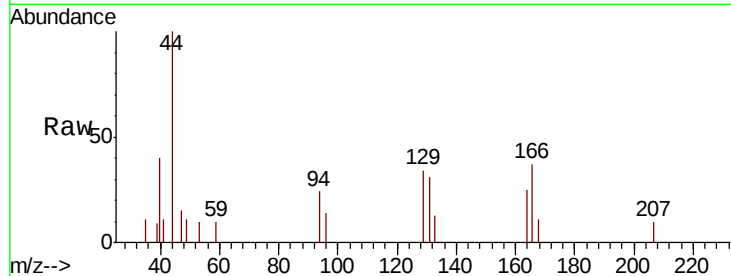




#64
Tetrachloroethene
Concen: 84.820 ug/l
RT: 8.14 min Scan# 761
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

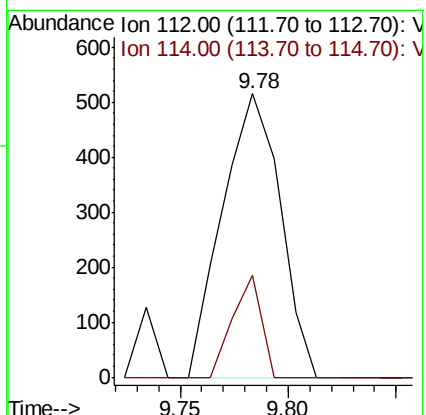
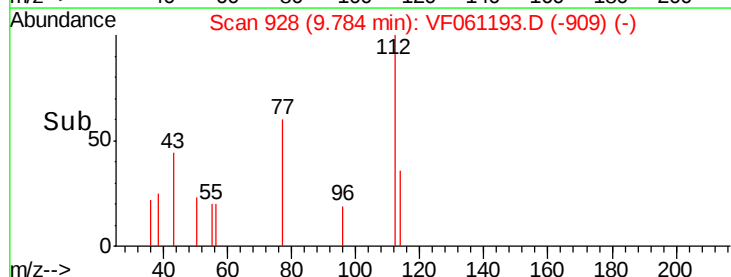
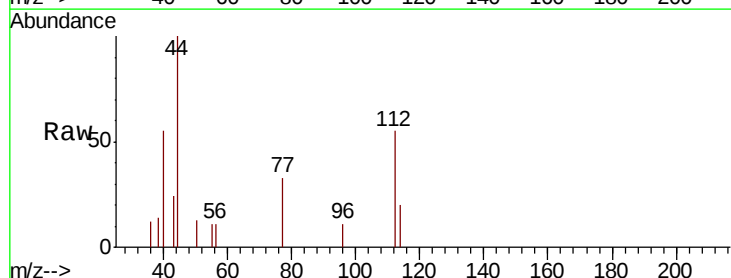
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

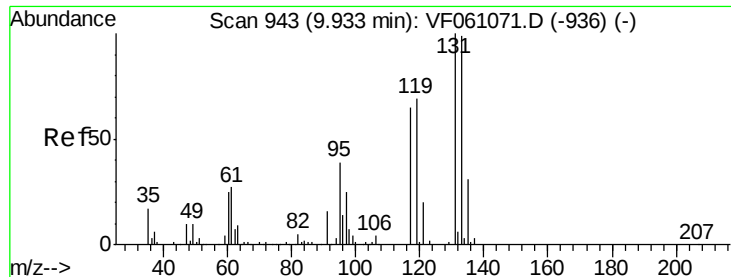
Tot Ion:164 Resp: 552
Ion Ratio Lower Upper
164 100
166 146.1 104.0 156.0
129 132.7 81.1 121.7#
131 121.9 81.2 121.8#



#65
Chlorobenzene
Concen: 54.814 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion:112 Resp: 958
Ion Ratio Lower Upper
112 100
114 36.1 27.8 41.6





#66

1,1,1,2-Tetrachloroethane

Concen: 54.605 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

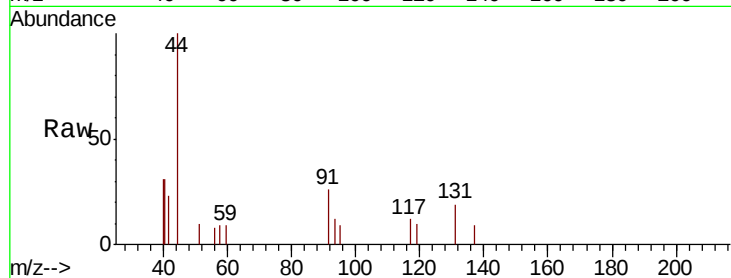
Tot Ion:131 Resp: 390

Ion Ratio Lower Upper

131 100

133 0.0 49.5 148.7#

119 52.1 34.5 103.5



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

9.91

200

100

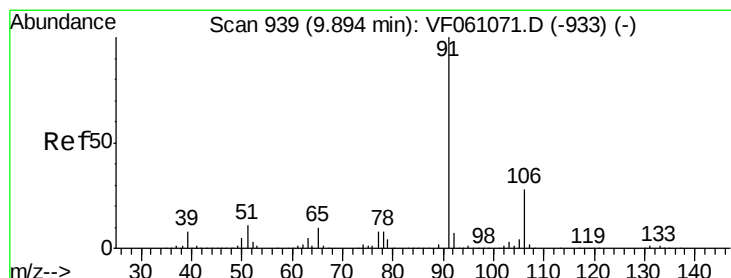
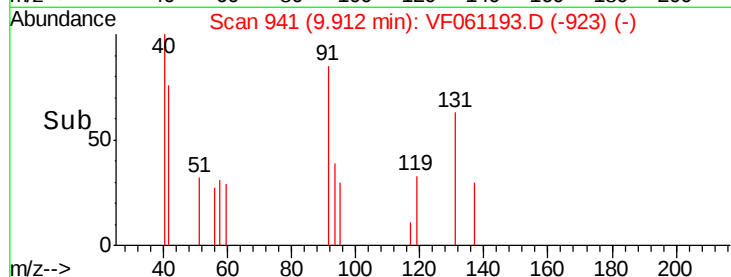
0

9.85

9.90

9.95

Time-->



#67

Ethyl Benzene

Concen: 83.668 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.00 min

Lab File: VF061193.D

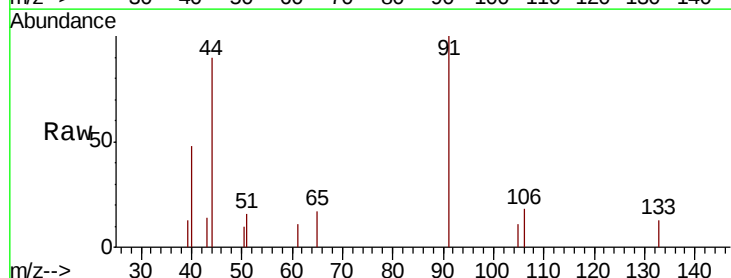
Acq: 26 Dec 2018 17:32

Tgt Ion: 91 Resp: 2664

Ion Ratio Lower Upper

91 100

106 17.9 22.5 33.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.89

1200

1000

800

600

400

200

0

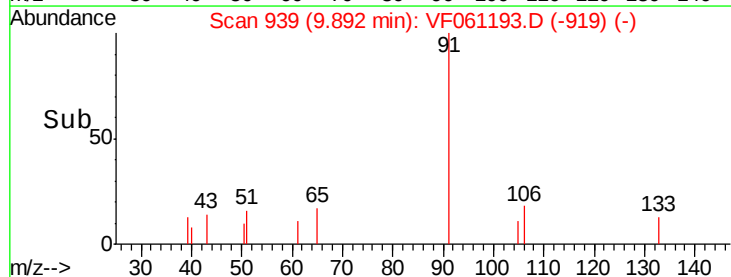
9.80

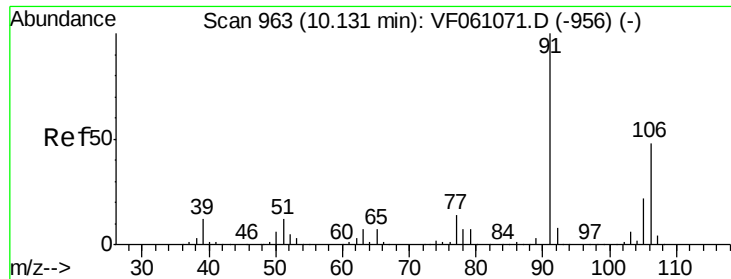
9.85

9.90

9.95

Time-->

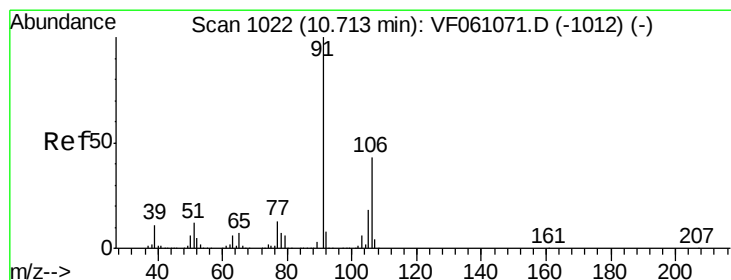
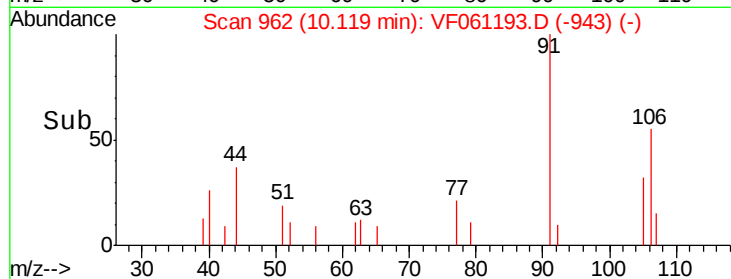
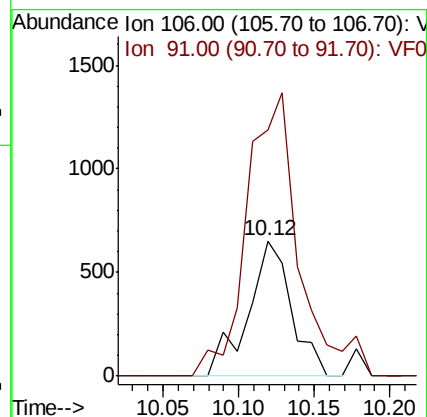
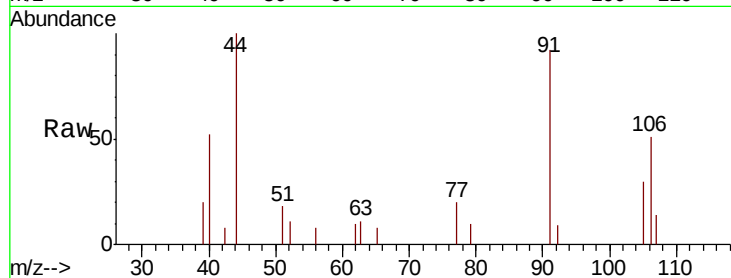




#68
m/p-Xylenes
Concen: 116.641 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

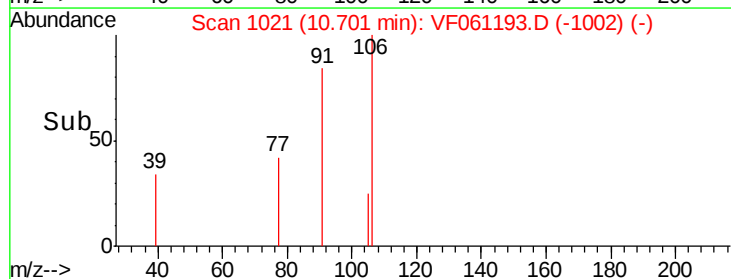
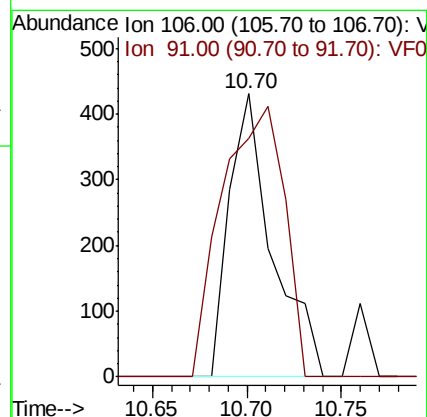
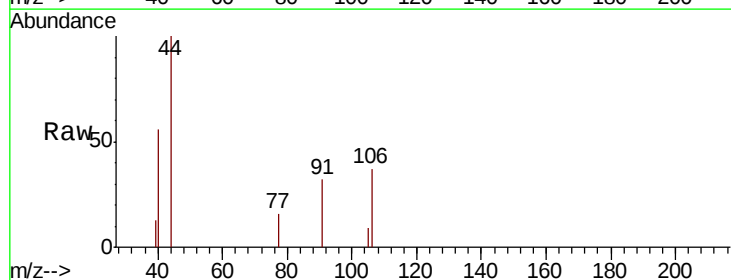
Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

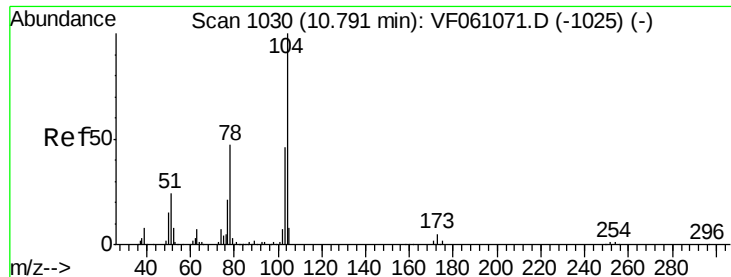
Tot Ion:106 Resp: 1307
Ion Ratio Lower Upper
106 100
91 182.2 168.2 252.2



#69
o-Xylene
Concen: 54.556 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion:106 Resp: 678
Ion Ratio Lower Upper
106 100
91 84.5 115.9 347.7#





#70

Stvrene

Concen: 20.568 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

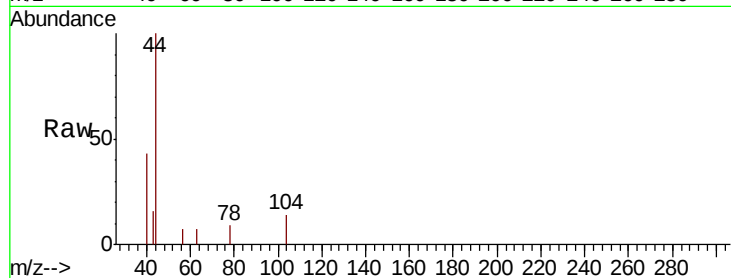
Tot Ion:104 Resp: 355

Ion Ratio Lower Upper

104 100

78 62.5 38.4 57.6#

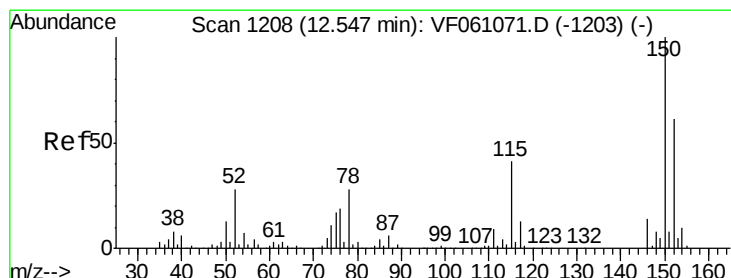
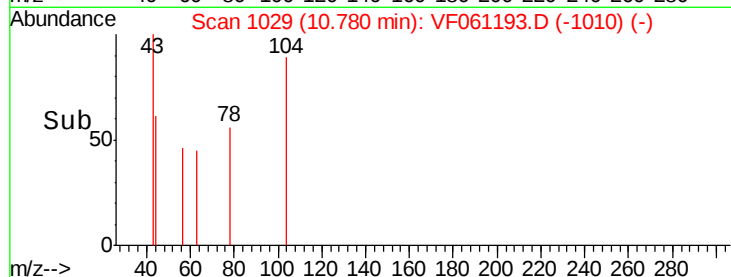
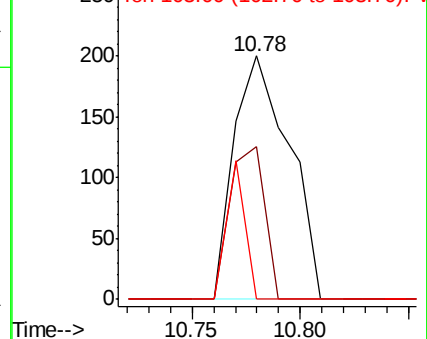
103 0.0 37.0 55.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

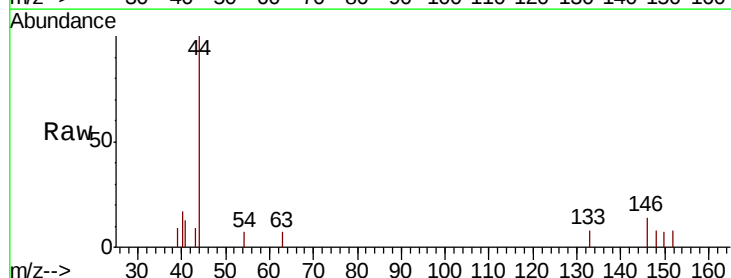
Tgt Ion:152 Resp: 144

Ion Ratio Lower Upper

152 100

115 0.0 33.3 99.9#

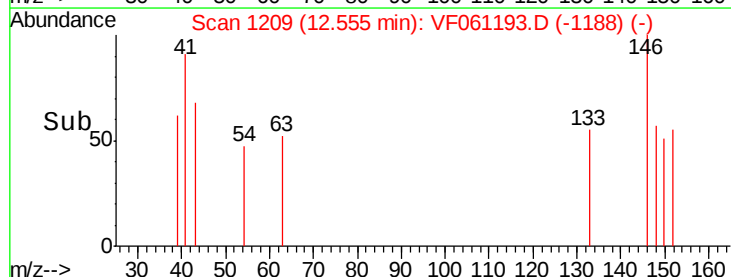
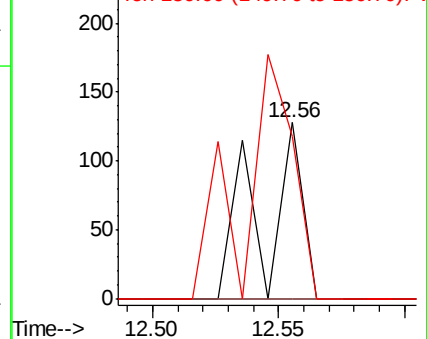
150 92.2 0.0 328.2

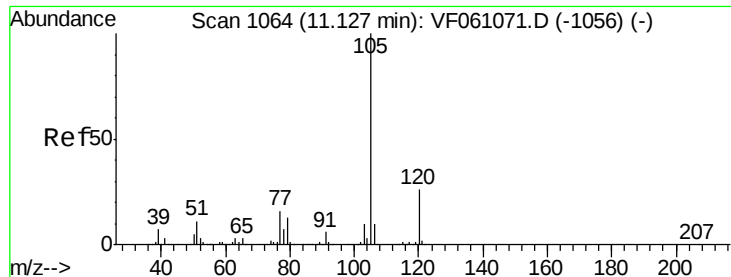


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 185.346 ug/l

RT: 11.11 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

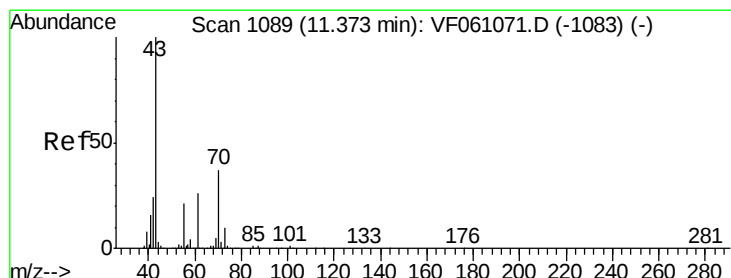
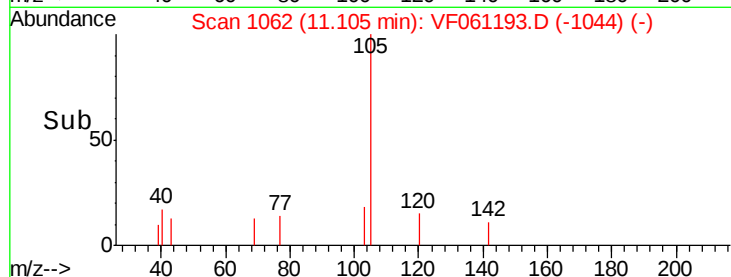
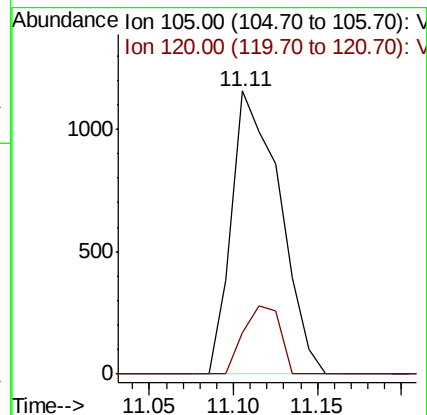
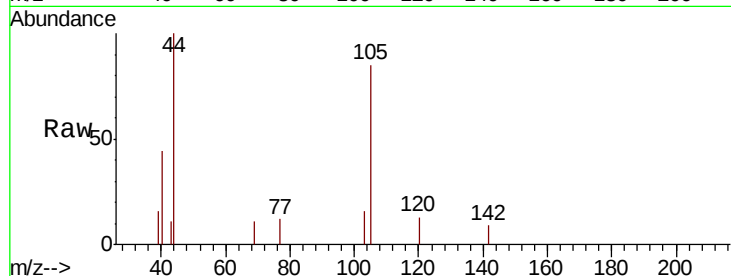
P001-SS001-0612-01MSD

Tot Ion:105 Resp: 2300

Ion Ratio Lower Upper

105 100

120 14.8 13.0 39.0



#74

N-ethyl acetate

Concen: 143.010 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. 0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Tgt Ion: 43 Resp: 394

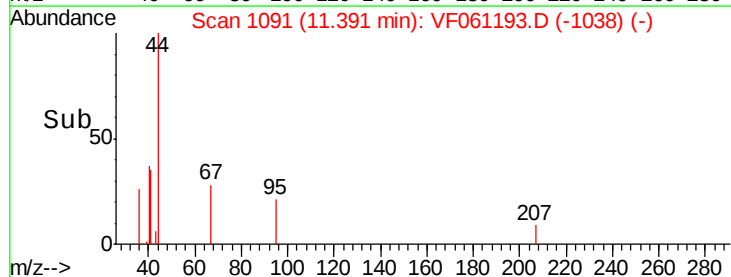
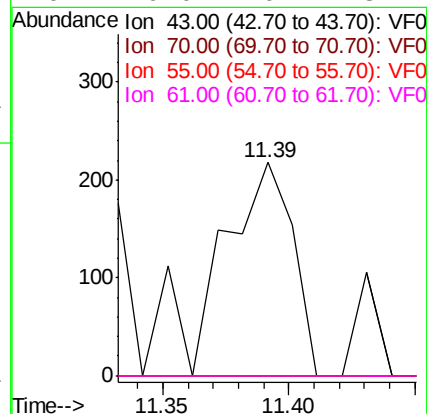
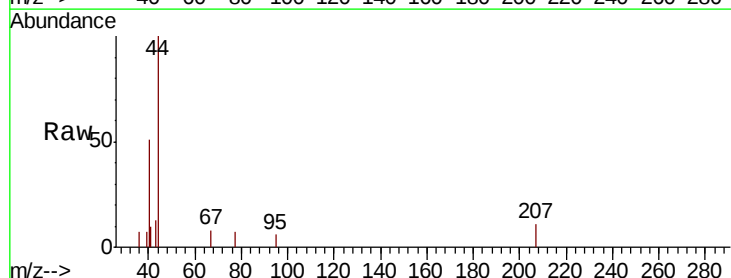
Ion Ratio Lower Upper

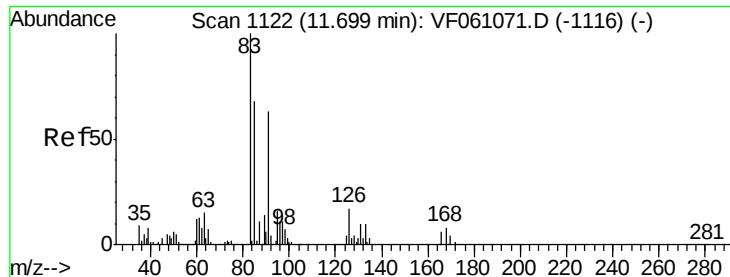
43 100

70 0.0 29.2 43.8#

55 0.0 16.5 24.7#

61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 42.728 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

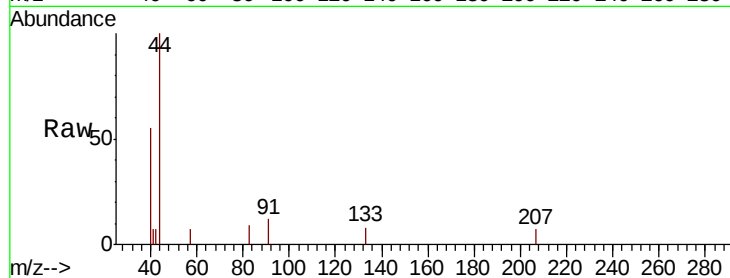
Tot Ion: 83 Resp: 88

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 33.9 101.6#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

11.69

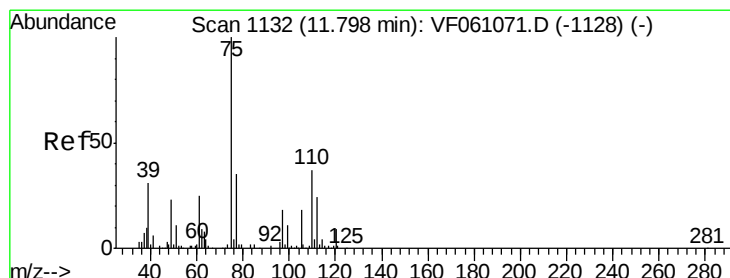
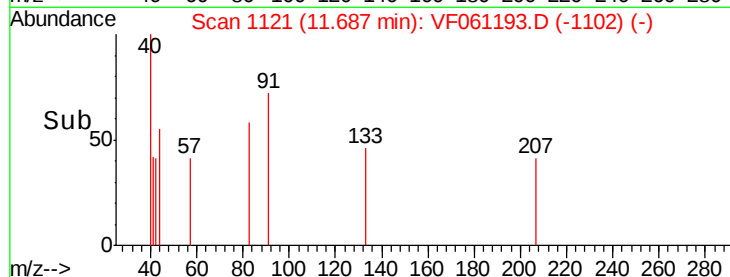
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 53.501 ug/l

RT: 11.79 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF061193.D

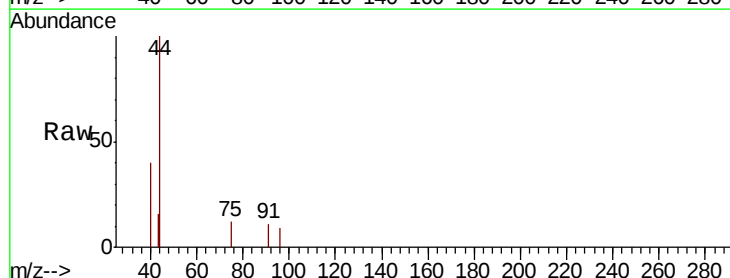
Acq: 26 Dec 2018 17:32

Tgt Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

77 0.0 17.6 52.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

11.79

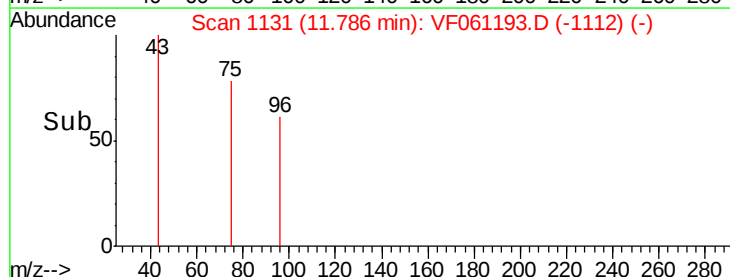
150

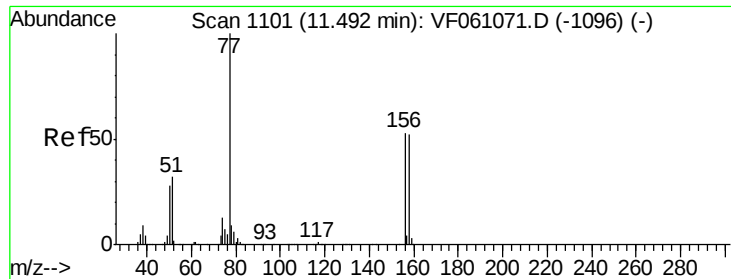
100

50

0

Time-->





#77

Bromobenzene

Concen: 25.082 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

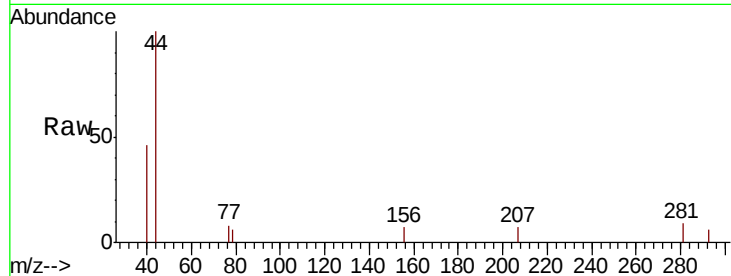
Tot Ion:156 Resp: 67

Ion Ratio Lower Upper

156 100

77 120.4 93.8 281.4

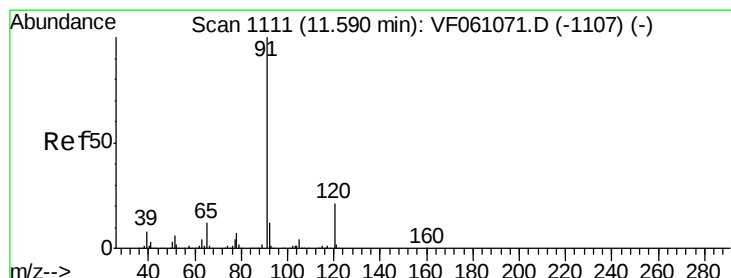
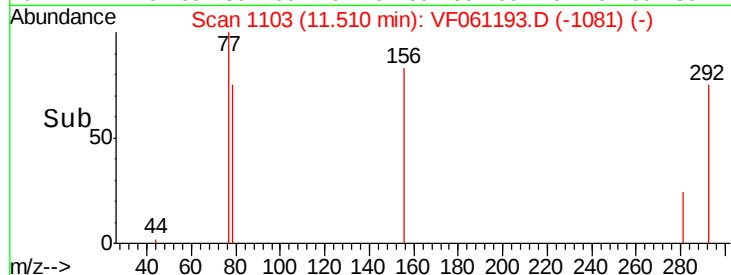
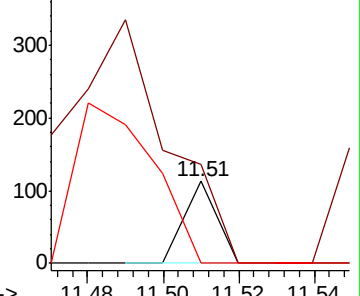
158 0.0 48.9 146.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: Below Cal

RT: 11.59 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF061193.D

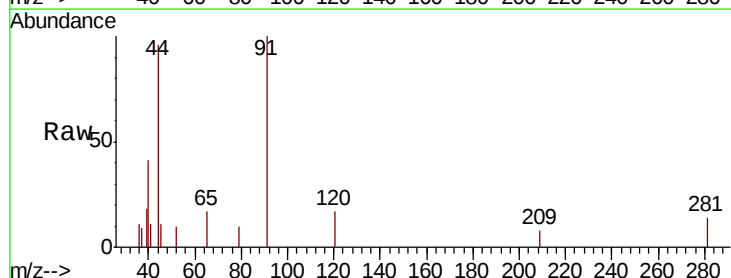
Acq: 26 Dec 2018 17:32

Tgt Ion: 91 Resp: 1942

Ion Ratio Lower Upper

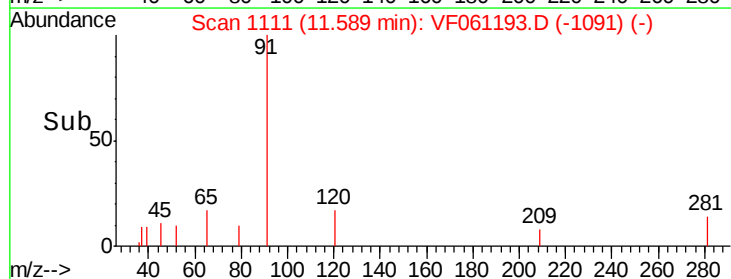
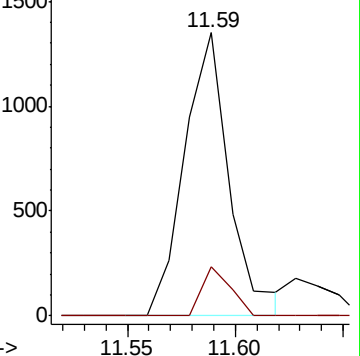
91 100

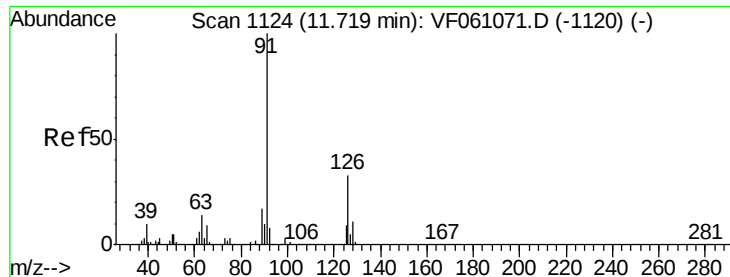
120 17.3 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 122.405 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

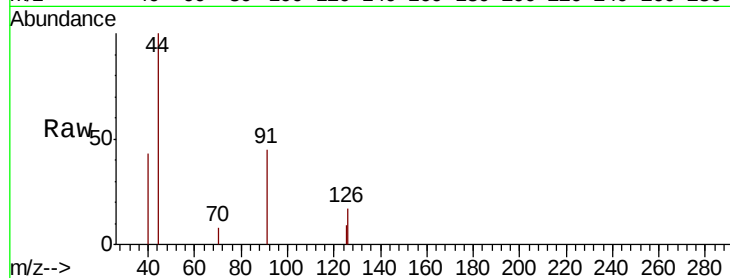
P001-SS001-0612-01MSD

Tot Ion: 91 Resp: 1042

Ion Ratio Lower Upper

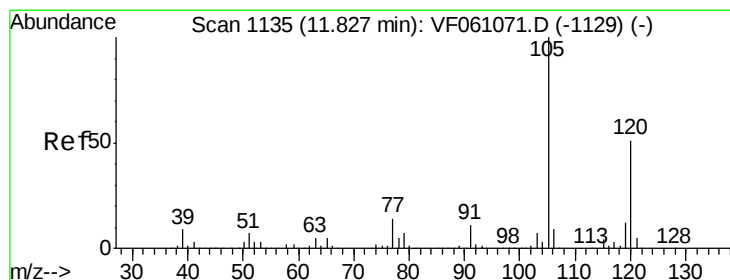
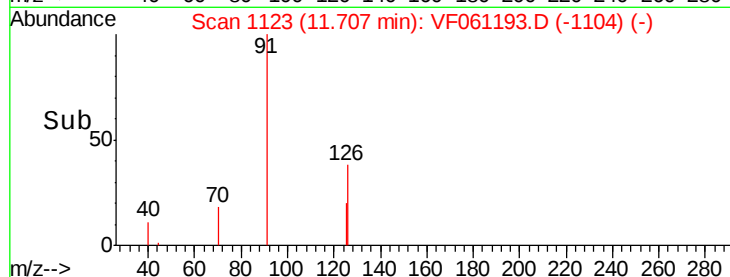
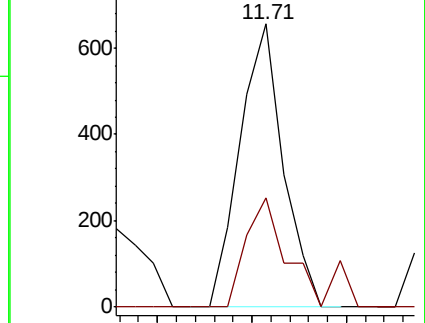
91 100

126 38.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 27.990 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF061193.D

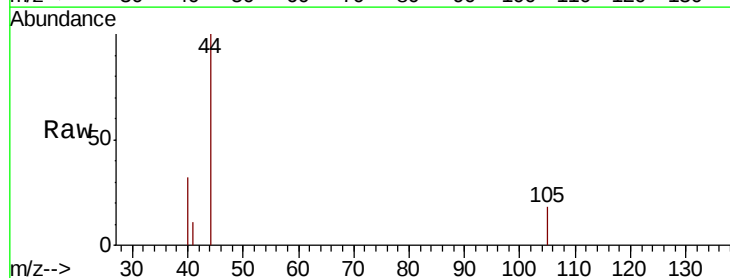
Acq: 26 Dec 2018 17:32

Tgt Ion: 105 Resp: 286

Ion Ratio Lower Upper

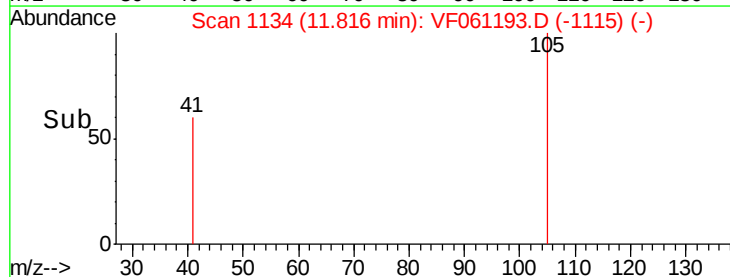
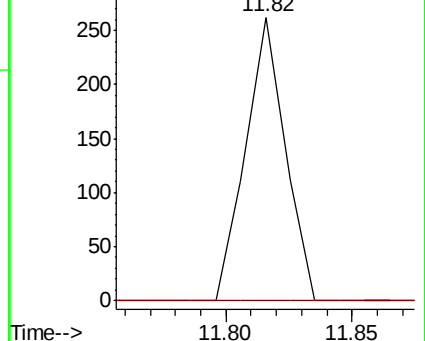
105 100

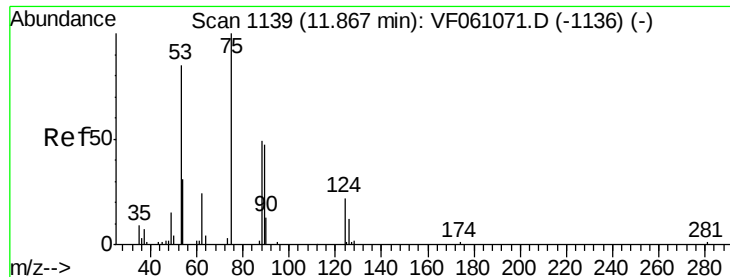
120 0.0 25.4 76.4#



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: 124.504 ug/l

RT: 11.79 min Scan# 1131

Delta R.T. -0.08 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

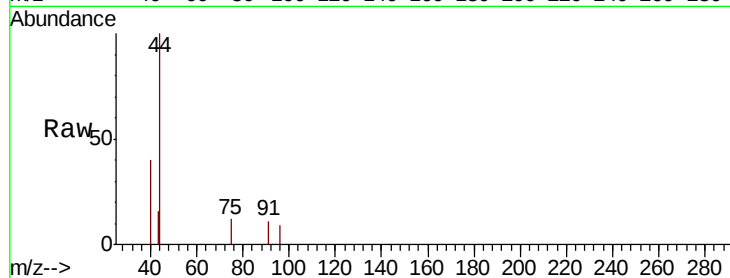
Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

53 0.0 74.1 111.1#

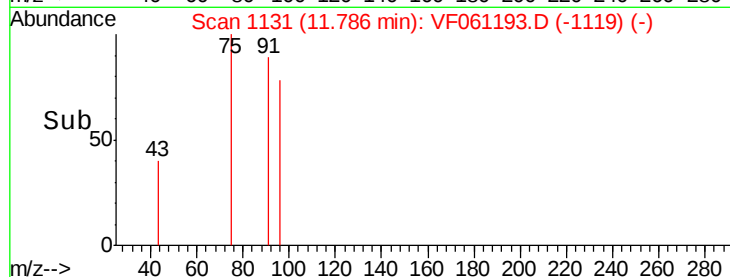
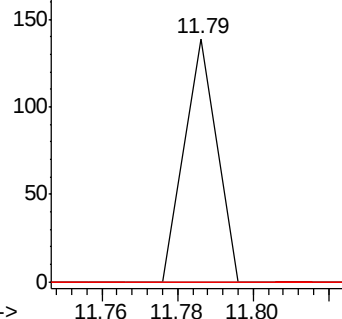
89 0.0 42.6 64.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 104.926 ug/l

RT: 11.88 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF061193.D

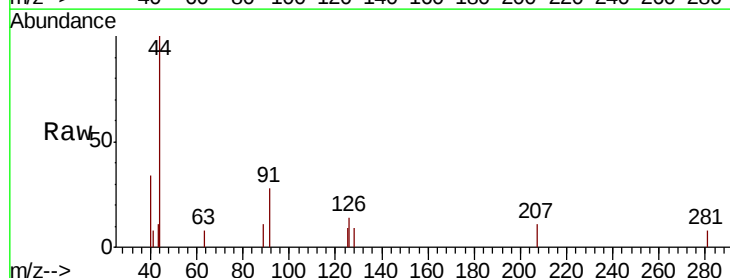
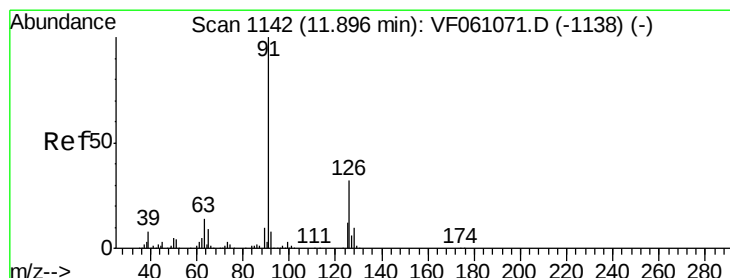
Acq: 26 Dec 2018 17:32

Tgt Ion: 91 Resp: 924

Ion Ratio Lower Upper

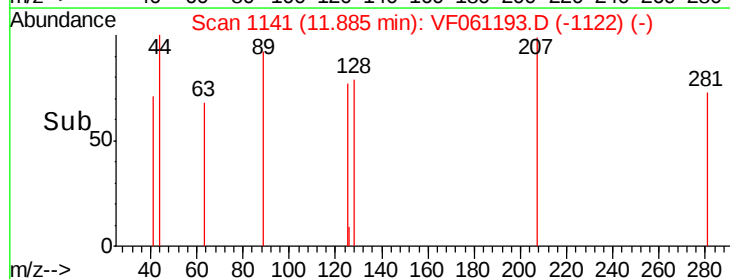
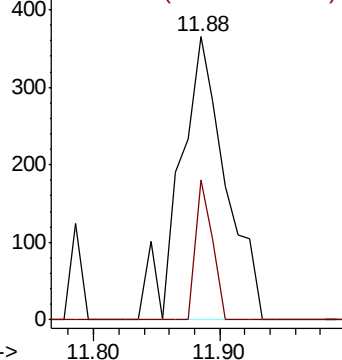
91 100

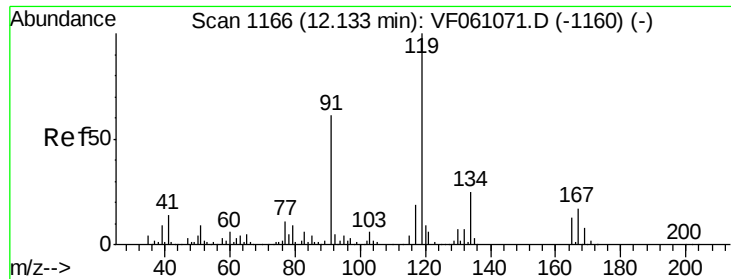
126 49.3 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

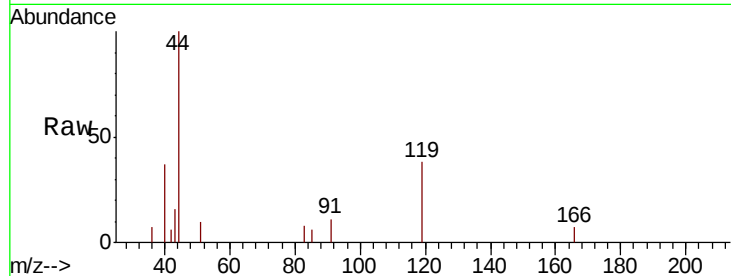




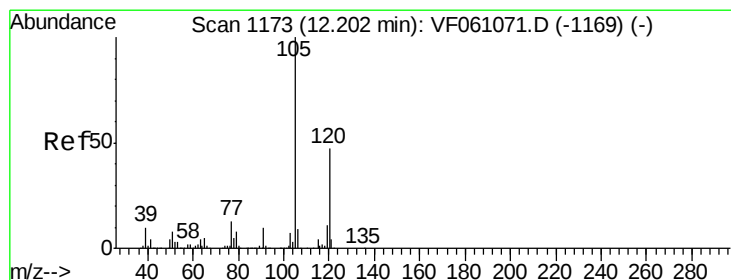
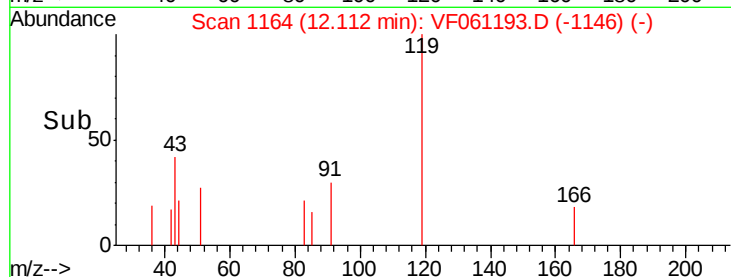
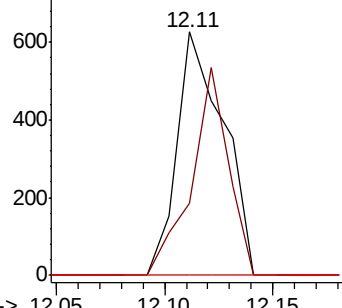
#83
tert-Butylbenzene
Concen: 89.114 ug/l
RT: 12.11 min Scan# 1164
Delta R.T. -0.02 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion:119 Resp: 937
Ion Ratio Lower Upper
119 100
91 29.5 30.5 91.5#
134 0.0 12.4 37.4#

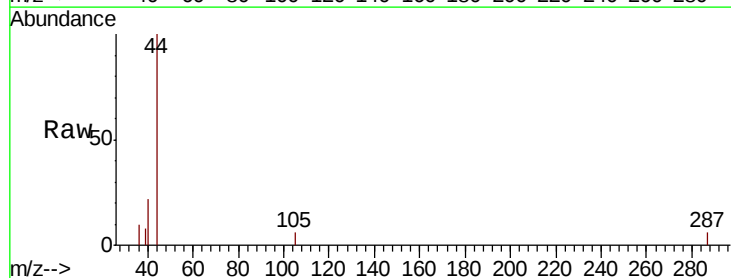


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VF0
Ion 134.00 (133.70 to 134.70): V

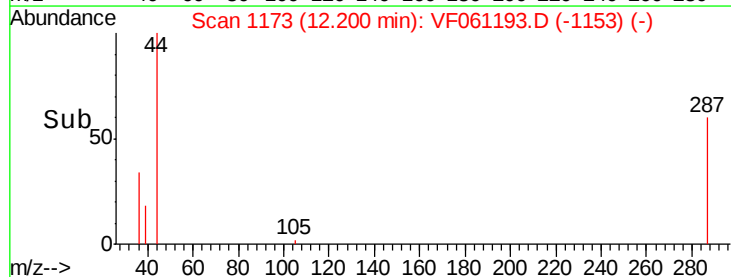
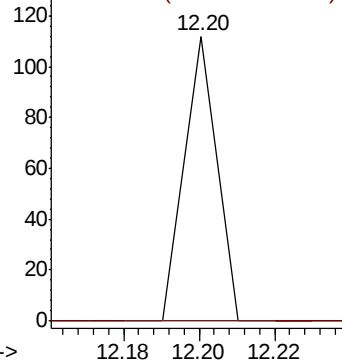


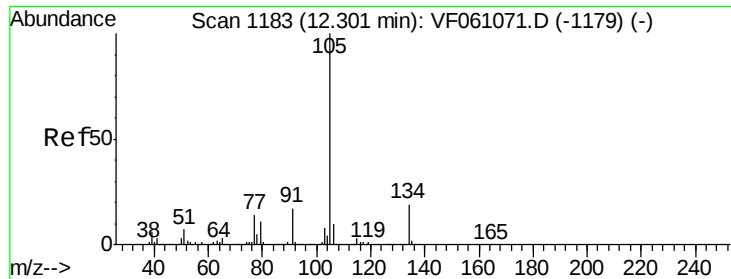
#84
1,2,4-Trimethylbenzene
Concen: 6.477 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion:105 Resp: 66
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



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





#85

sec-Butylbenzene

Concen: 66.683 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

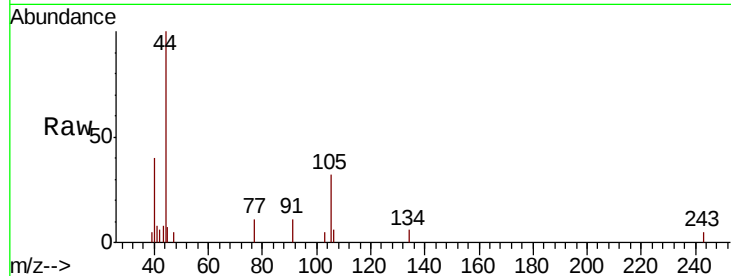
P001-SS001-0612-01MSD

Tot Ion:105 Resp: 915

Ion Ratio Lower Upper

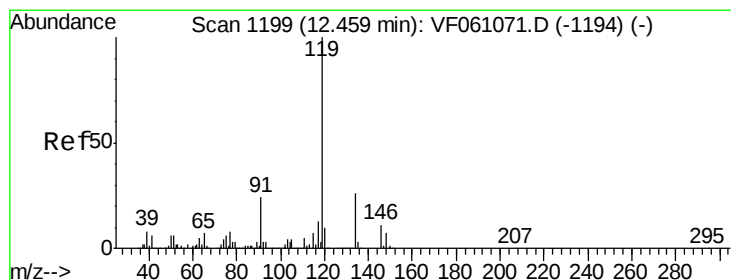
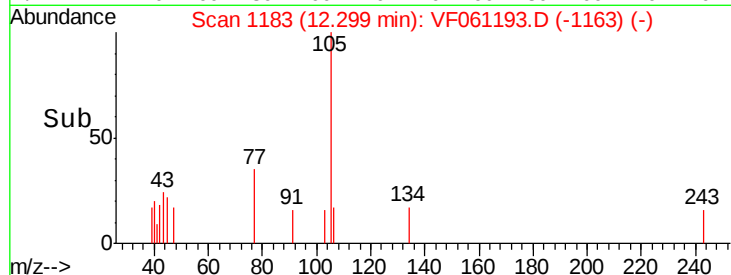
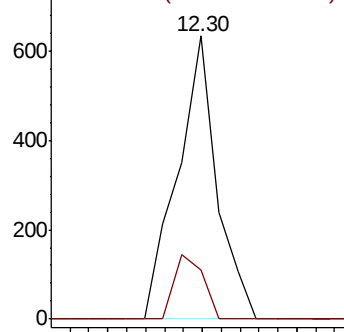
105 100

134 17.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 25.374 ug/l

RT: 12.47 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

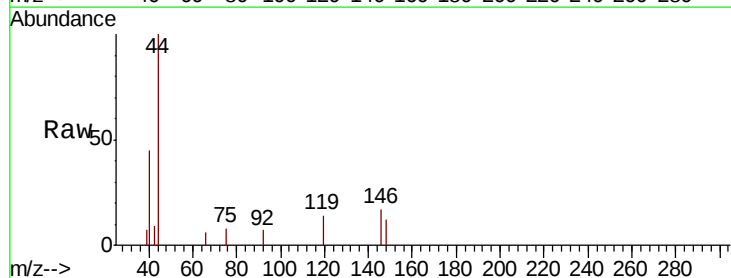
Tgt Ion:119 Resp: 289

Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.4#

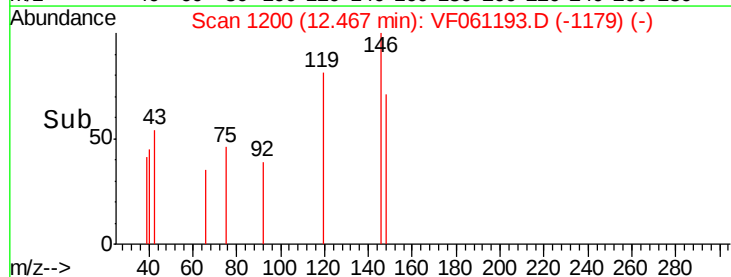
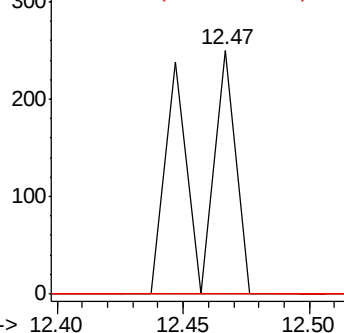
91 0.0 12.2 36.6#

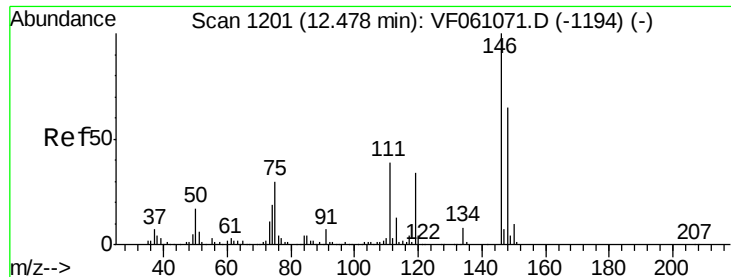


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 68.514 ug/l

RT: 12.47 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS001-0612-01MSD

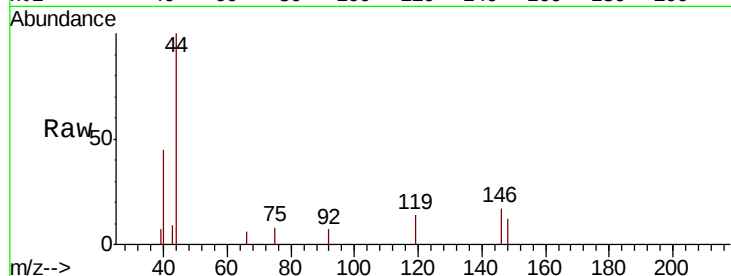
Tot Ion:146 Resp: 290

Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

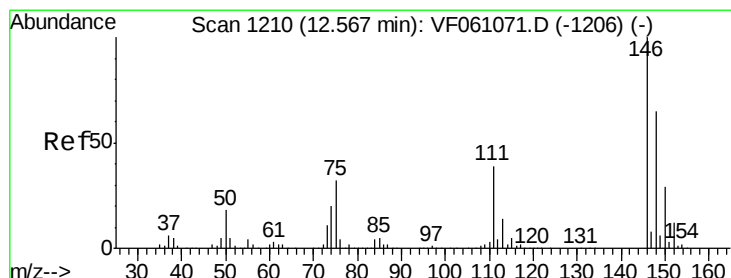
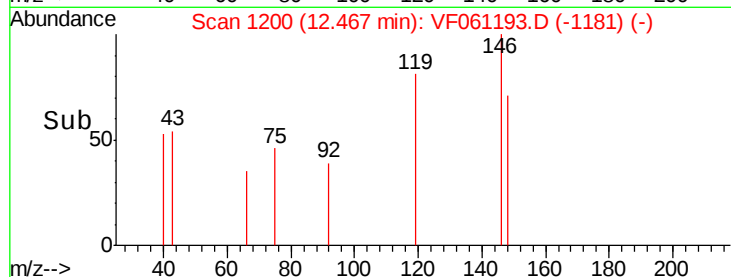
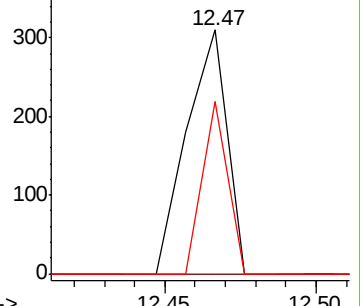
148 70.6 32.4 97.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 27.930 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061193.D

Acq: 26 Dec 2018 17:32

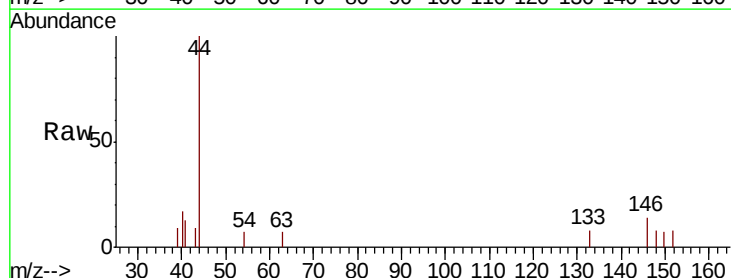
Tgt Ion:146 Resp: 137

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.4#

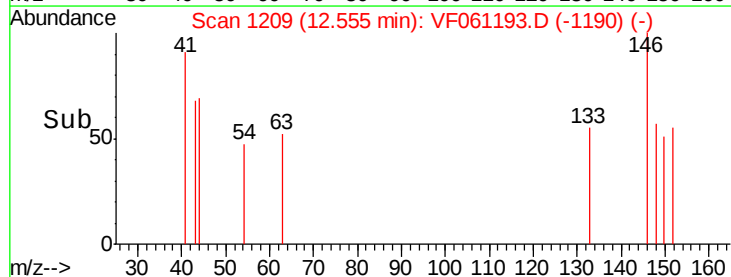
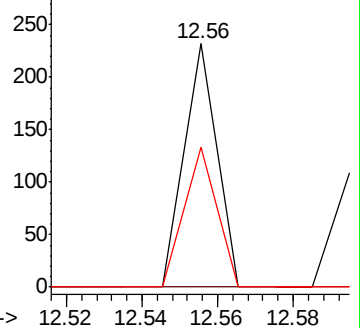
148 57.3 32.4 97.0

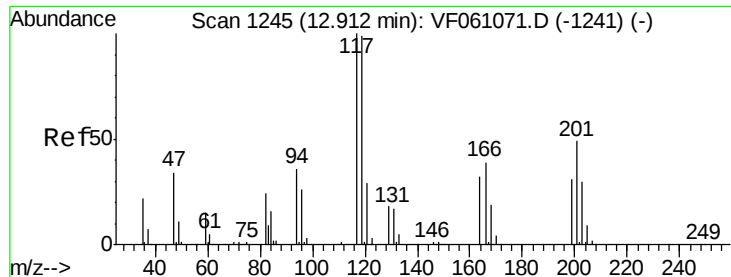


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

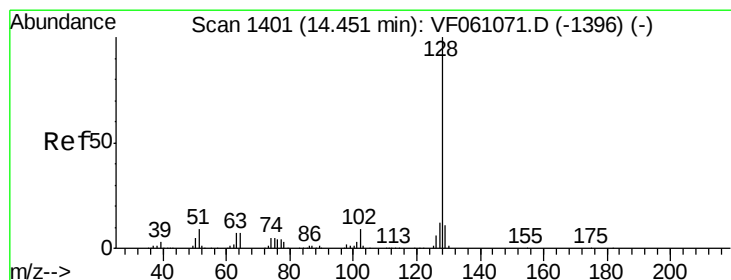
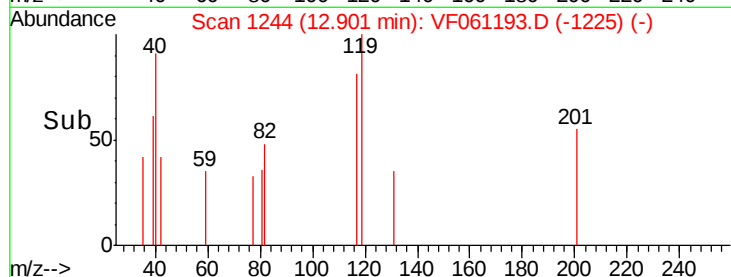
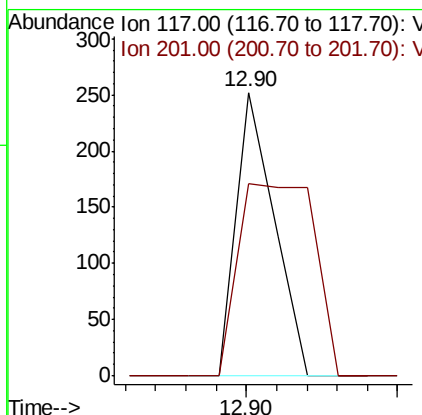
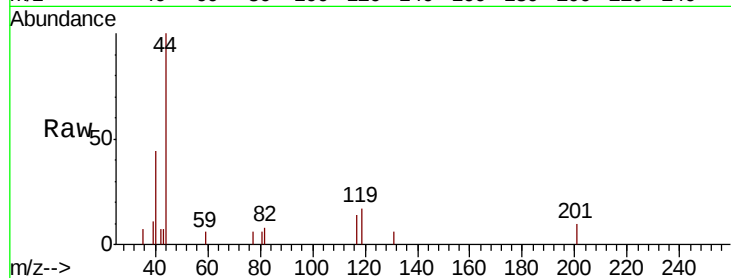




#90
Hexachloroethane
Concen: 79.247 ug/l
RT: 12.90 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS001-0612-01MSD

Tot Ion:117 Resp: 223
Ion Ratio Lower Upper
117 100
201 67.9 24.9 74.8



#95
Naphthalene
Concen: 12.127 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061193.D
Acq: 26 Dec 2018 17:32

Tgt Ion:128 Resp: 75
Ion Ratio Lower Upper
128 100
127 0.0 9.4 14.2#
129 0.0 8.8 13.2#

