

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019482.D
 Acq On : 19 Nov 2020 21:37
 Operator : JC/MD
 Sample : L4827-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201118060-02-VOA

Quant Time: Nov 20 01:38:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46319	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	250223	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	226597	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	100445	30.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.12	95	105538	28.56	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.20%
63) Toluene-d8	8.70	98	303966	30.09	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.30%

Target Compounds					Ovalue
4) Vinyl Chloride	1.39	62	1239	0.393	ug/l 90
8) Diethyl Ether	2.17	74	9215	5.025	ug/l 95
12) Methyl Acetate	3.17	43	5368	1.746	ug/l 97
13) Acrolein	2.20	56	117	0.254	ug/l 100
15) Acetone	2.43	58	7772	17.847	ug/l 91
16) Carbon Disulfide	2.54	76	2899	0.427	ug/l # 89
17) Allyl chloride	2.70	41	21057	5.462	ug/l # 38
22) cis-1,2-Dichloroethene	4.56	96	1310	0.395	ug/l 93
23) tert-Butyl Alcohol	3.04	59	2458816	3817.501	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	23296	2.642	ug/l # 84
31) 2,2-Dichloropropane	4.69	77	155737	36.039	ug/l # 52
34) Benzene	6.11	78	30145	2.524	ug/l 95
36) 1,2-Dichloroethane	6.17	62	1592	0.385	ug/l 97
45) 1,4-Dioxane	7.72	88	6040	88.815	ug/l 97
47) n-amyl Acetate	11.17	43	3483	0.688	ug/l 91
50) 1,1,2-Trichloroethane	9.12	97	1340	0.436	ug/l # 22
56) Bromoform	11.12	173	582	0.268	ug/l # 1
58) 4-Methyl-2-Pentanone	8.62	43	24286	6.709	ug/l # 76
59) 2-Hexanone	9.48	43	1517	0.543	ug/l # 36
62) Toluene	8.76	91	19249	1.519	ug/l 98
64) Chlorobenzene	10.12	112	7294	0.945	ug/l # 86
66) Ethyl Benzene	10.23	91	26243	1.890	ug/l 97
67) m/p-Xylenes	10.34	106	31188	5.996	ug/l 96
68) o-Xylene	10.68	106	23831	4.834	ug/l 99
69) Styrene	10.69	104	3521	0.419	ug/l # 1
70) Isopropylbenzene	11.00	105	7382	0.552	ug/l 96
75) 2-Chlorotoluene	11.41	91	3143	0.337	ug/l 73
76) 1,3,5-Trimethylbenzene	11.49	105	7197	0.636	ug/l 99
77) t-1,4-Dichloro-2-butene	11.06	75	716	0.509	ug/l # 32
79) tert-butylbenzene	12.01	119	2339	0.215	ug/l 76
80) 1,2,4-Trimethylbenzene	11.79	105	16750	1.472	ug/l 99
82) p-Isopropyltoluene	12.05	119	6312	0.532	ug/l 96
84) 1,4-Dichlorobenzene	12.08	146	21540	3.462	ug/l 99
85) n-Butylbenzene	12.28	91	3605	0.333	ug/l 49
87) 1,2-Dichlorobenzene	12.37	146	1789	0.294	ug/l 94
91) Naphthalene	13.82	128	11078	0.858	ug/l 98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

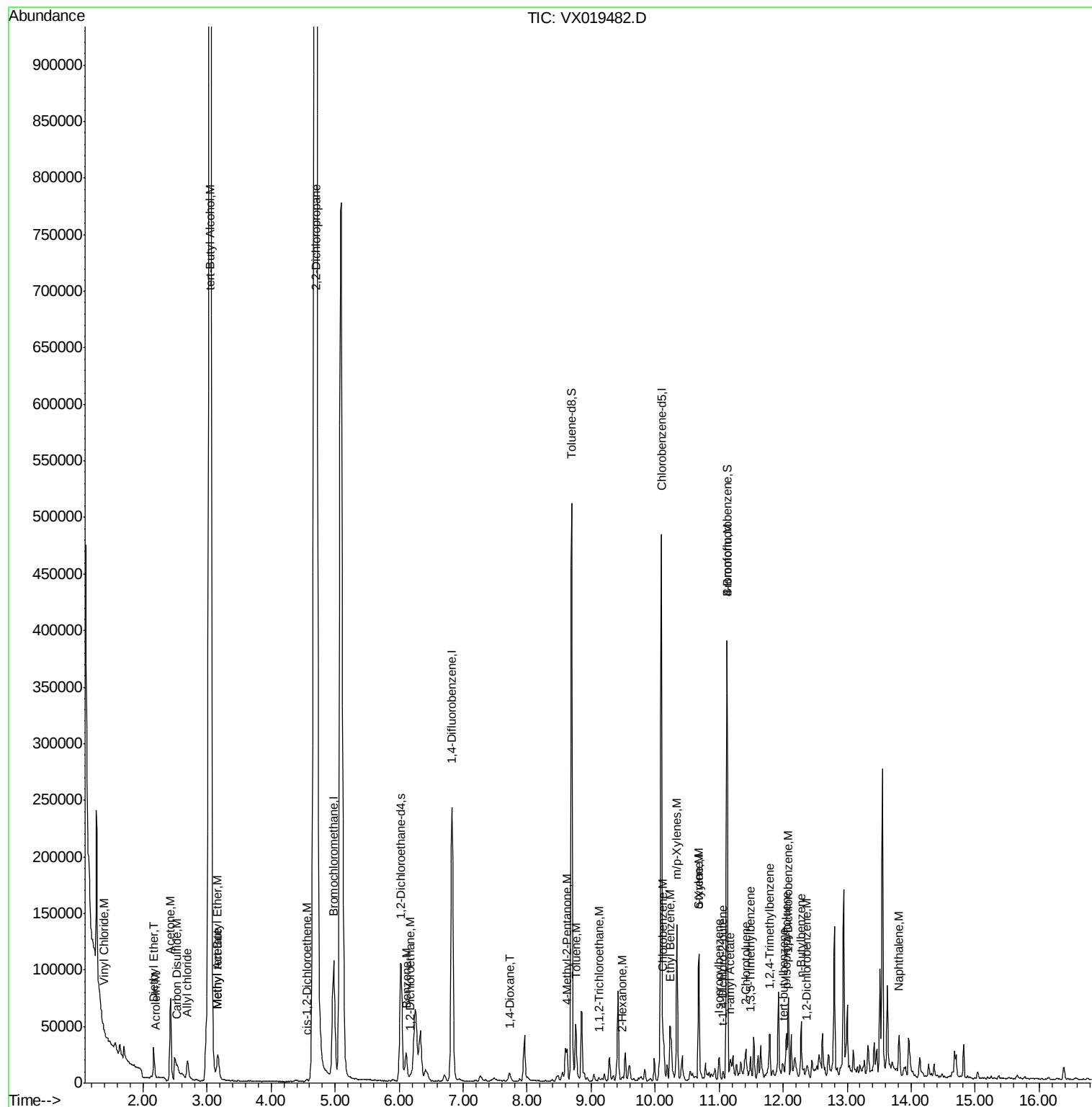
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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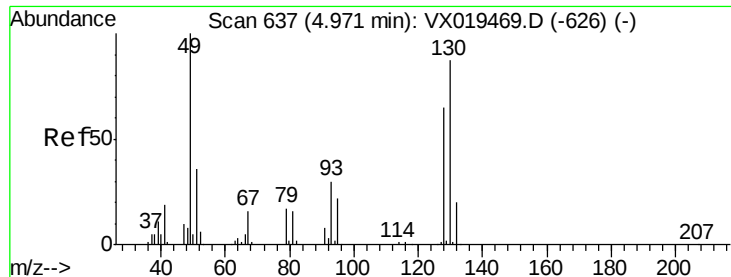
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

201118060-02-VOA

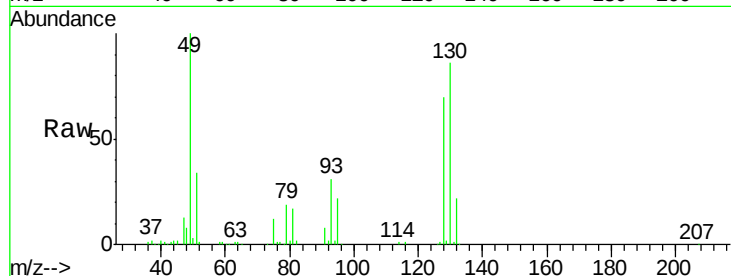
Tot Ion:128 Resp: 46319

Ion Ratio Lower Upper

128 100

49 147.1 0.0 377.8

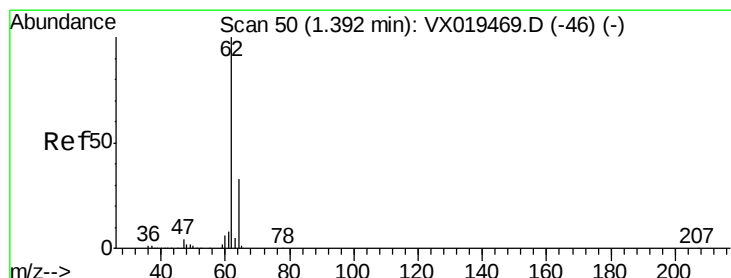
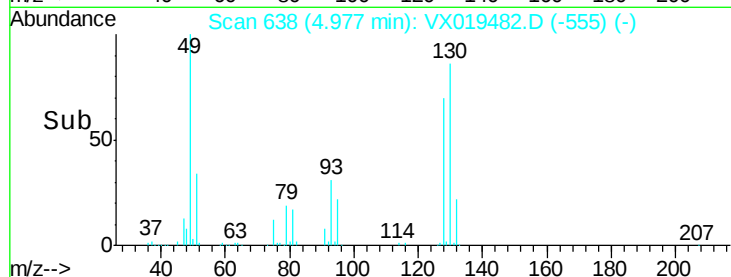
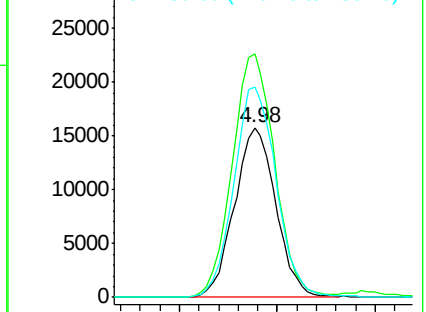
130 127.4 0.0 324.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 0.393 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019482.D

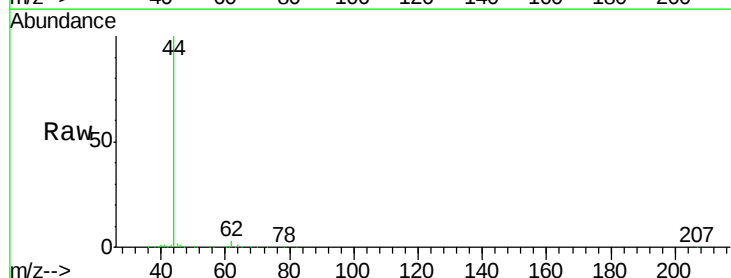
Acq: 19 Nov 2020 21:37

Tgt Ion: 62 Resp: 1239

Ion Ratio Lower Upper

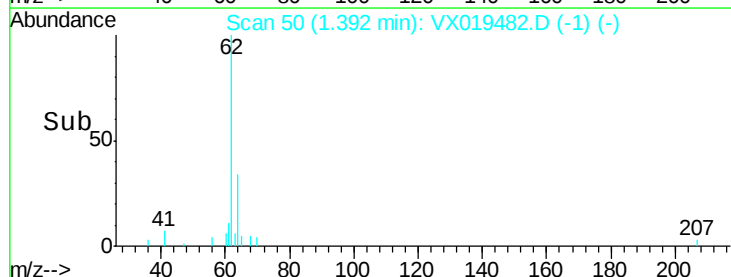
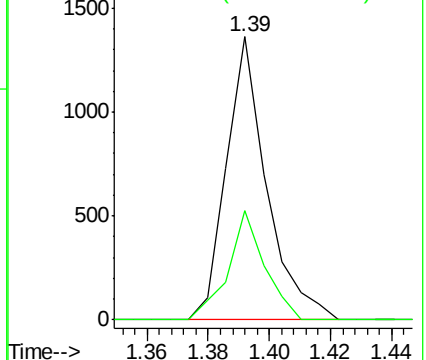
62 100

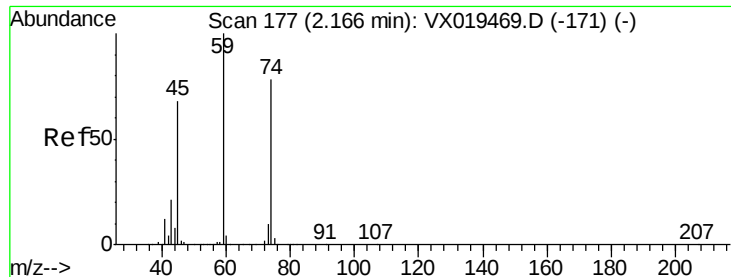
64 38.5 26.4 39.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#8

Diethyl Ether

Concen: 5.025 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

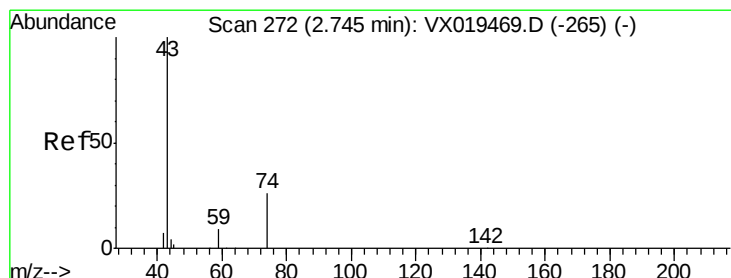
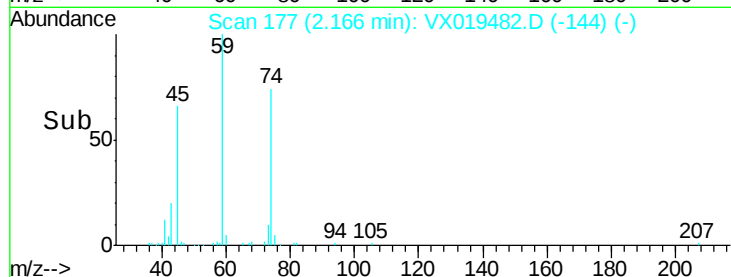
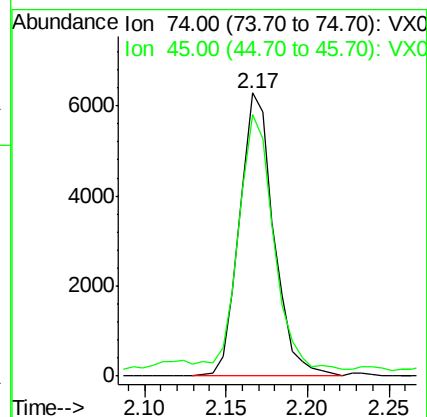
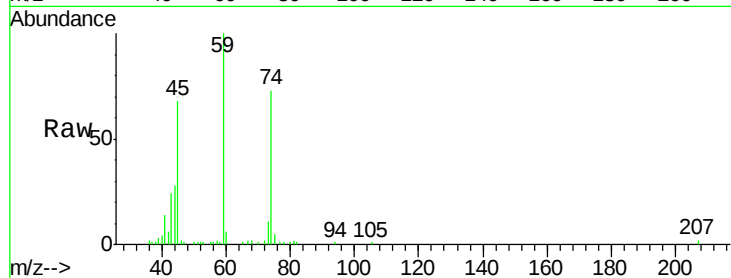
201118060-02-VOA

Tot Ion: 74 Resp: 9215

Ion Ratio Lower Upper

74 100

45 90.3 17.2 155.0



#12

Methyl Acetate

Concen: 1.746 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.42 min

Lab File: VX019482.D

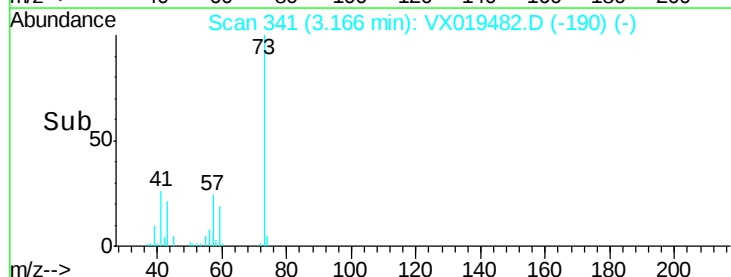
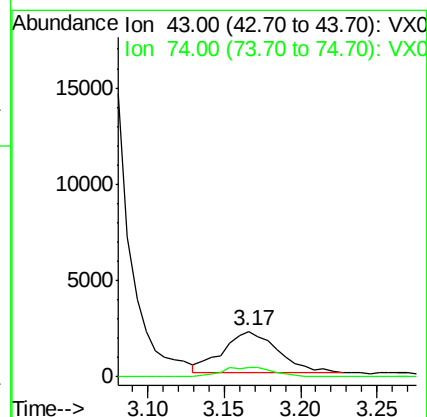
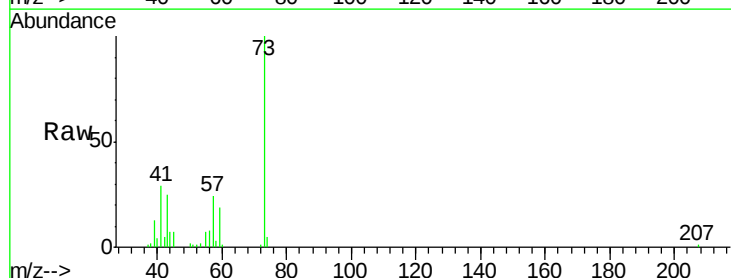
Acq: 19 Nov 2020 21:37

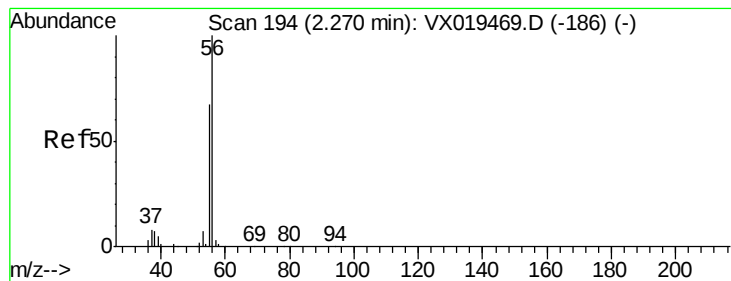
Tgt Ion: 43 Resp: 5368

Ion Ratio Lower Upper

43 100

74 24.4 20.7 31.1





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.20 min Scan# 182

Delta R.T. -0.07 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

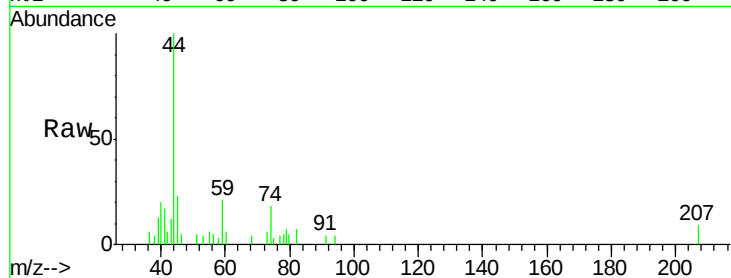
201118060-02-VOA

Tot Ion: 56 Resp: 117

Ion Ratio Lower Upper

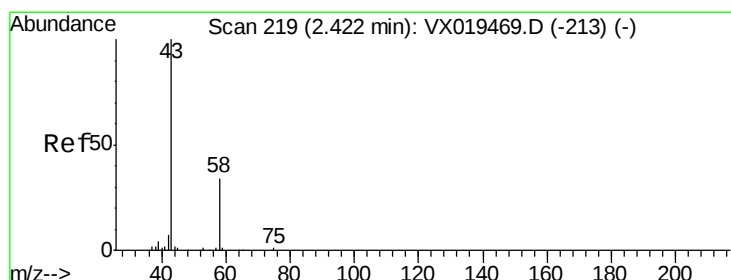
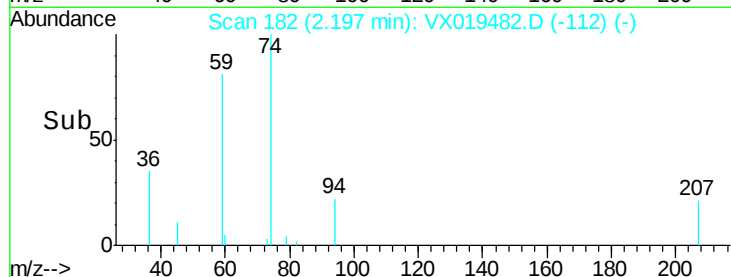
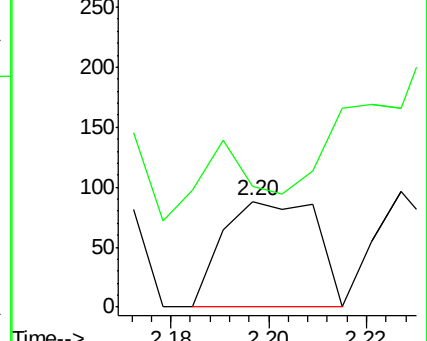
56 100

55 70.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acetone

Concen: 17.847 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019482.D

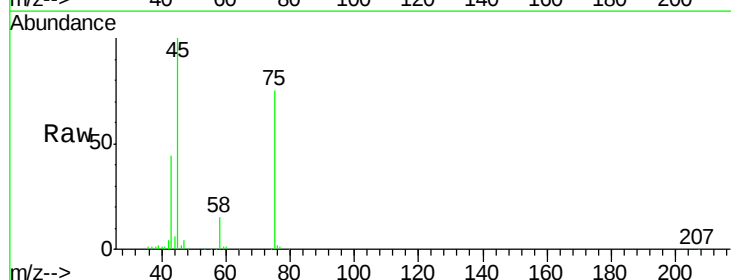
Acq: 19 Nov 2020 21:37

Tgt Ion: 58 Resp: 7772

Ion Ratio Lower Upper

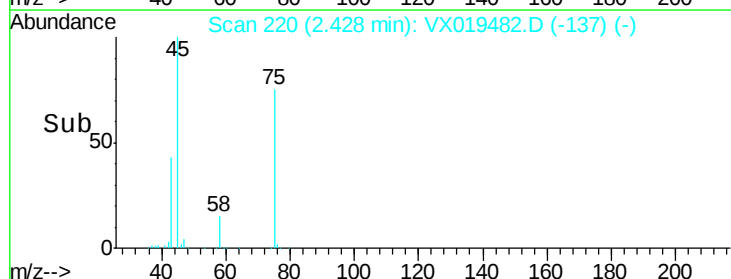
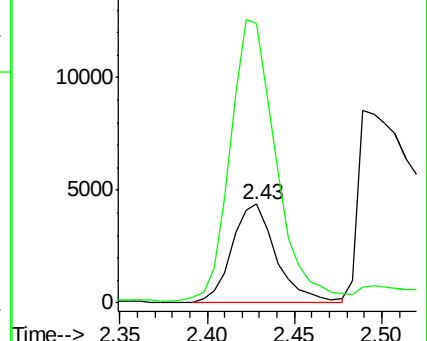
58 100

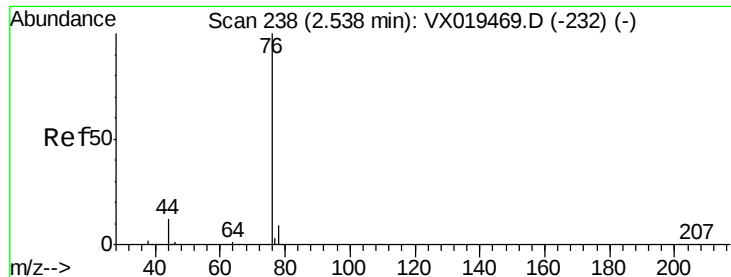
43 277.3 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

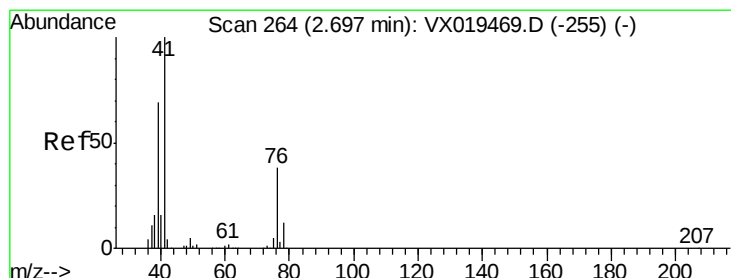
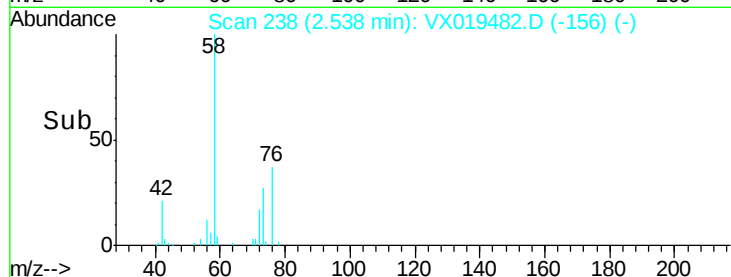
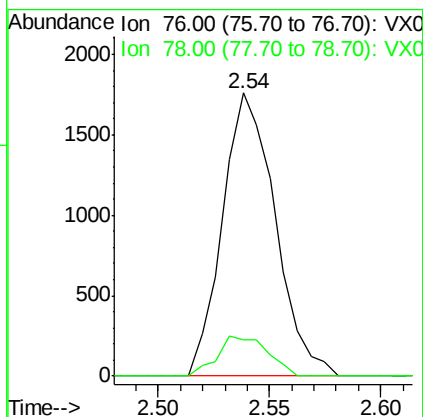
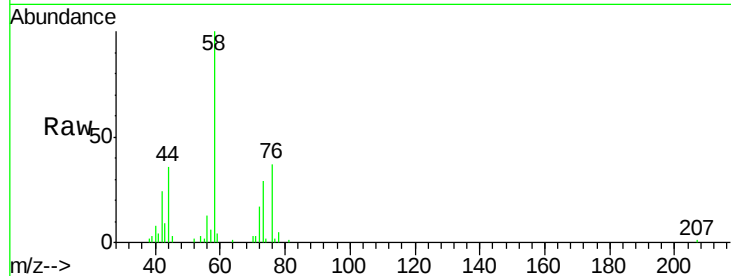




#16
Carbon Disulfide
Concen: 0.427 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

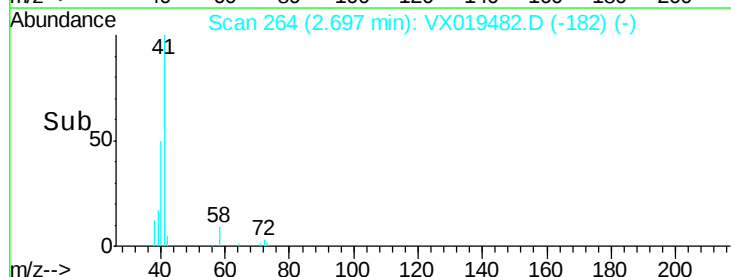
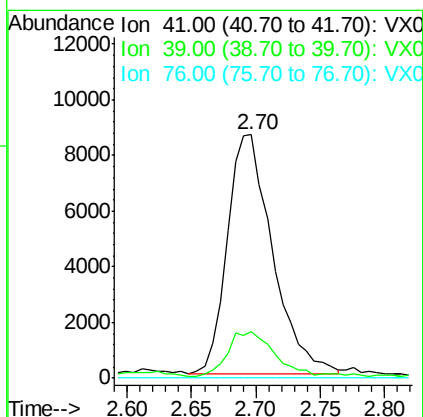
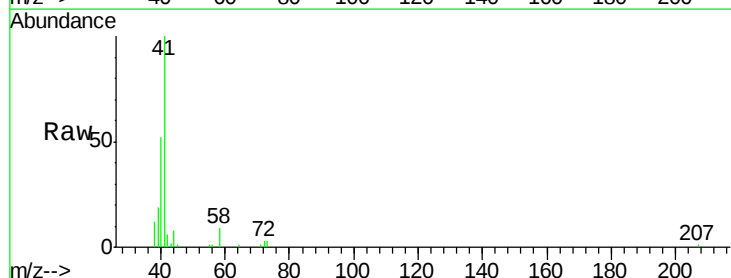
Instrument :
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ClientSampleId :
201118060-02-VOA

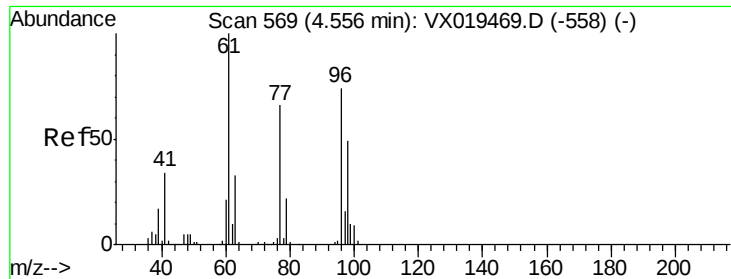
Tot Ion: 76 Resp: 2899
Ion Ratio Lower Upper
76 100
78 12.6 7.0 10.6#



#17
Allyl chloride
Concen: 5.462 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion: 41 Resp: 21057
Ion Ratio Lower Upper
41 100
39 18.7 34.5 103.6#
76 0.0 19.3 57.8#



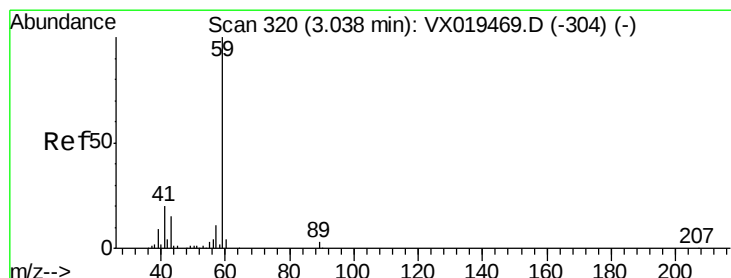
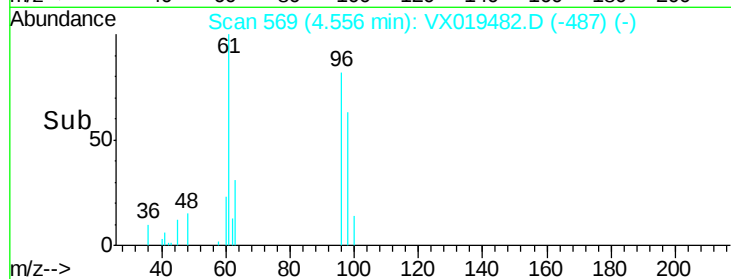
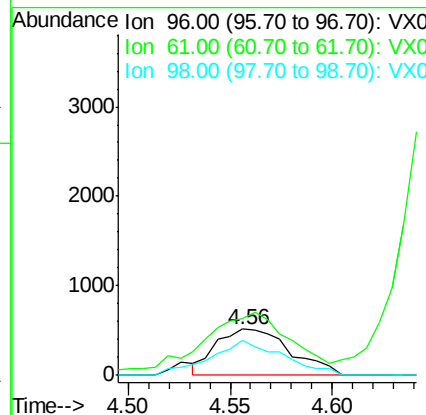
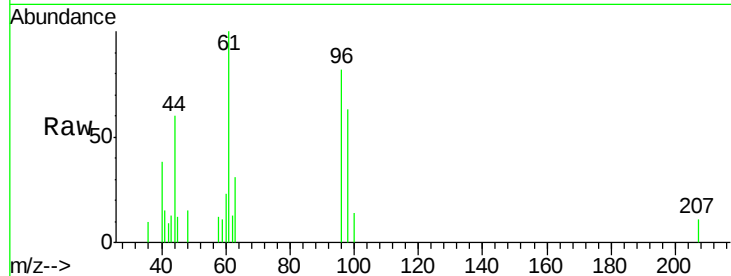


#22

cis-1,2-Dichloroethene
 Concen: 0.395 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 201118060-02-VOA

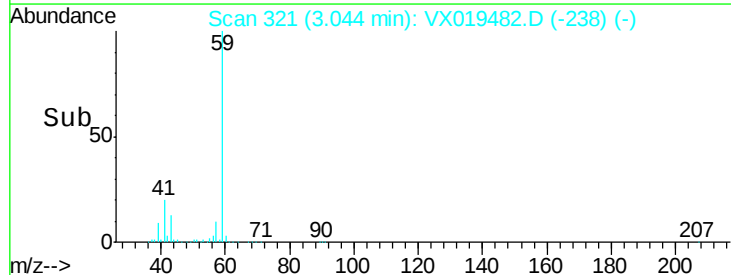
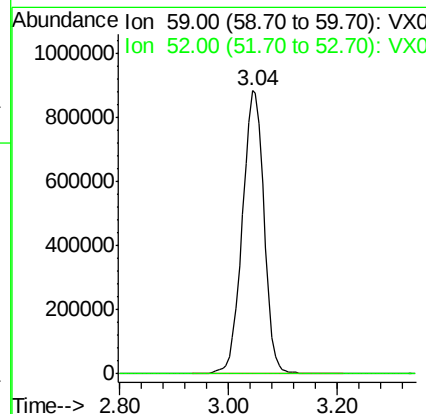
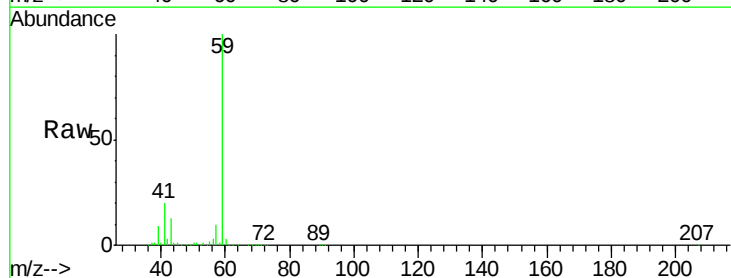
Tot Ion: 96 Resp: 1310
 Ion Ratio Lower Upper
 96 100
 61 148.5 114.2 171.2
 98 74.8 51.7 77.5

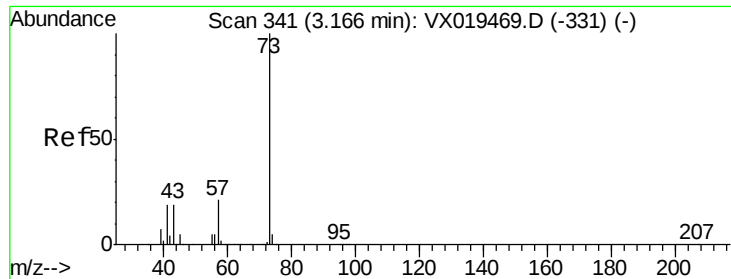


#23

tert-Butyl Alcohol
 Concen: 3817.501 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.01 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

Tgt Ion: 59 Resp: 2458816
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

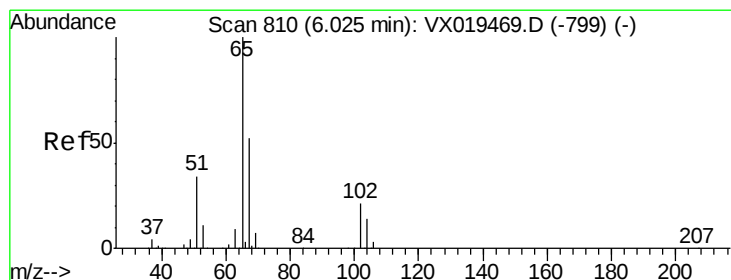
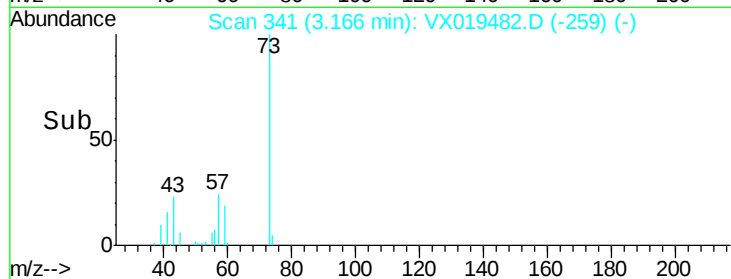
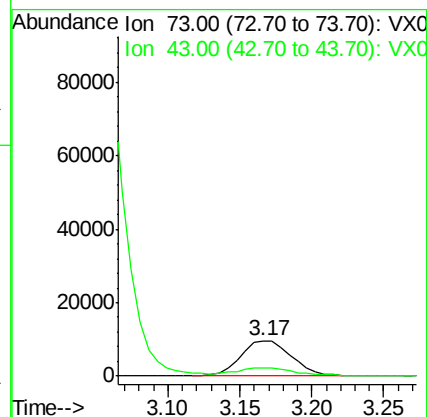
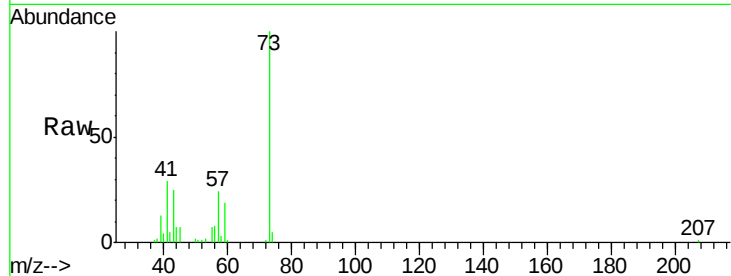




#24
Methvl tert-Butvl Ether
Concen: 2.642 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

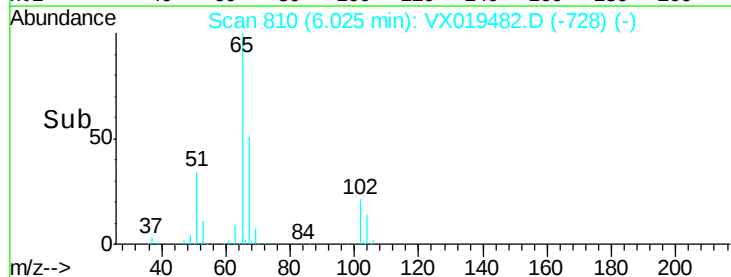
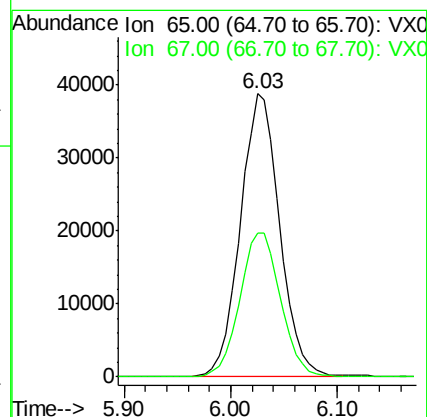
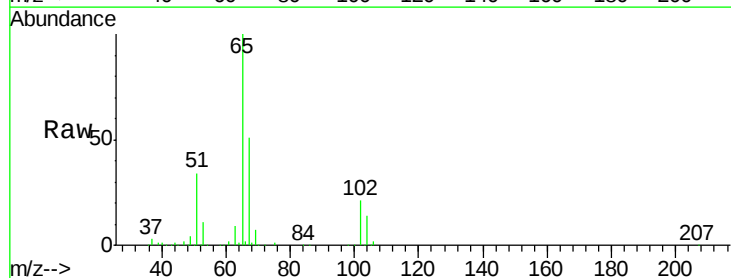
Instrument :
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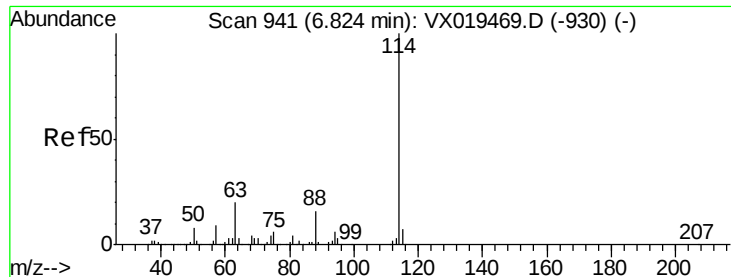
Tot Ion: 73 Resp: 23296
Ion Ratio Lower Upper
73 100
43 26.0 15.0 22.6#



#27
1,2-Dichloroethane-d4
Concen: 30.173 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion: 65 Resp: 100445
Ion Ratio Lower Upper
65 100
67 52.8 42.2 63.2

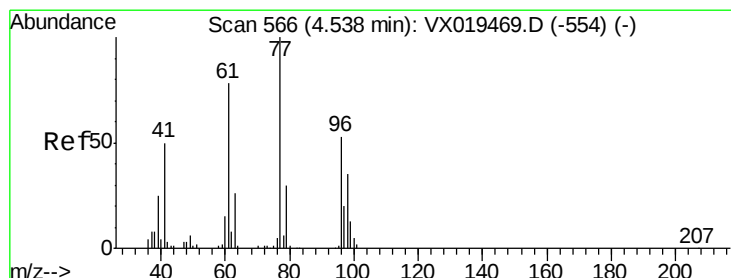
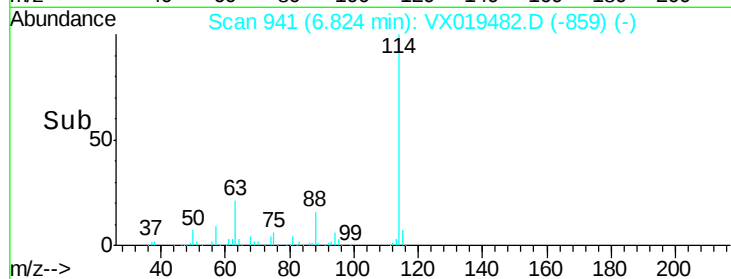
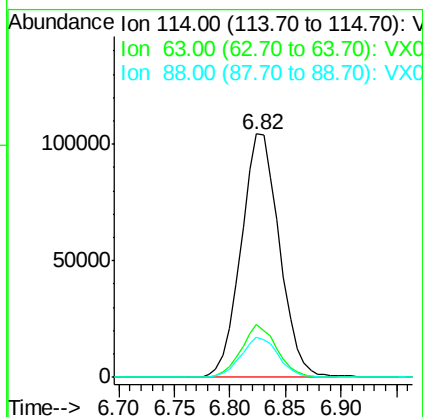
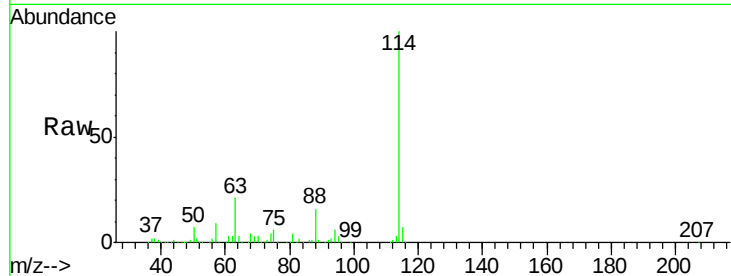




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

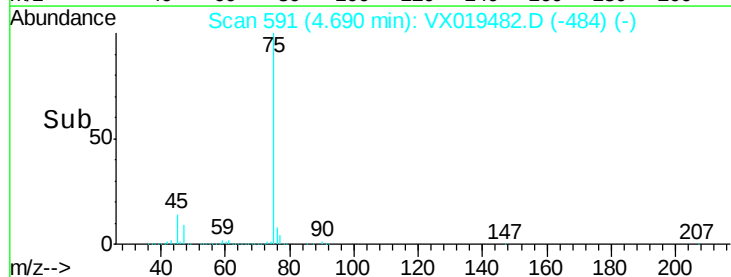
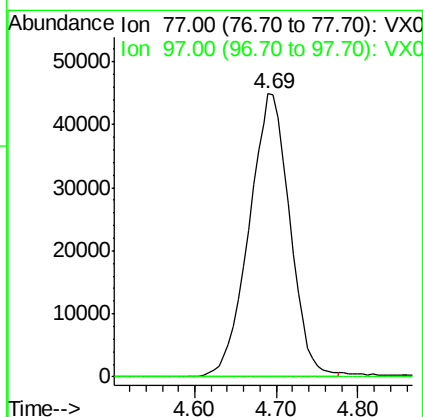
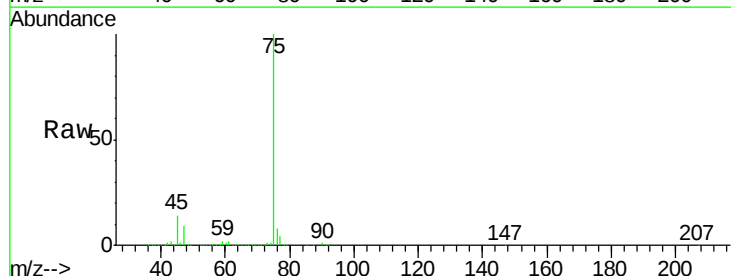
Instrument :
 MSVOA_X
 ClientSampleId :
 201118060-02-VOA

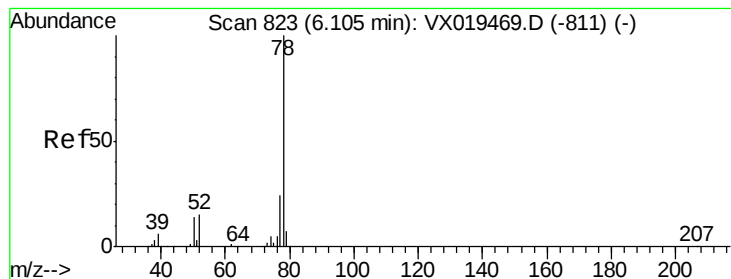
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.2	24.2
88	16.1	12.9	19.3



#31
 2,2-Dichloropropane
 Concen: 36.039 ug/l
 RT: 4.69 min Scan# 591
 Delta R.T. 0.15 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

Tgt Ion	Ratio	Lower	Upper
77	100		
97	0.0	18.6	27.8#





#34

Benzene

Concen: 2.524 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

201118060-02-VOA

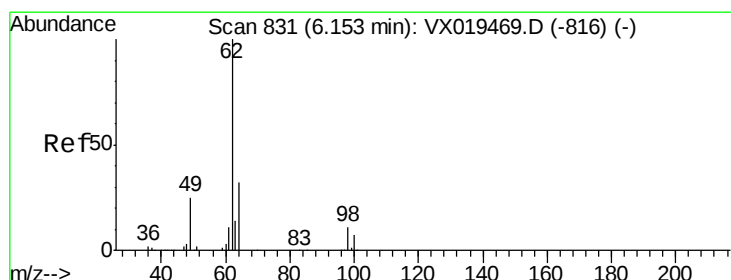
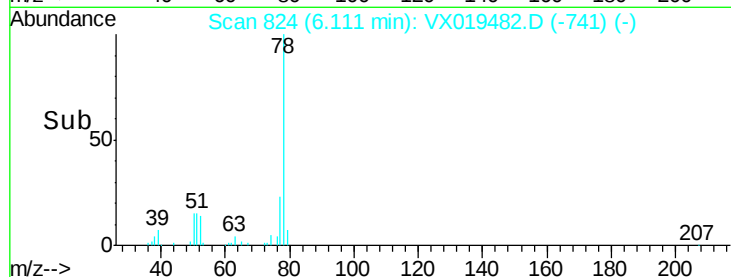
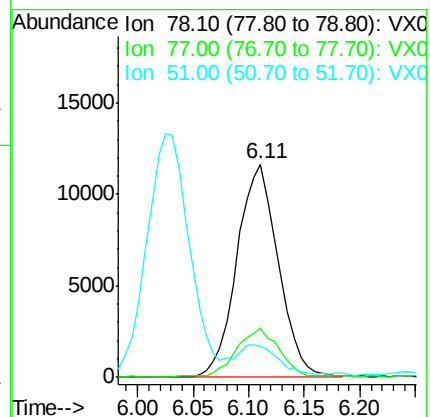
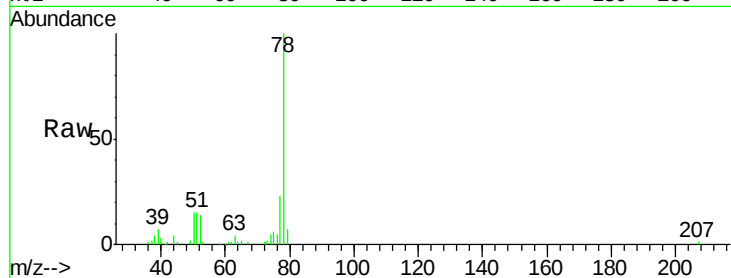
Tot Ion: 78 Resp: 30145

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

51 12.7 12.7 19.1



#36

1,2-Dichloroethane

Concen: 0.385 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX019482.D

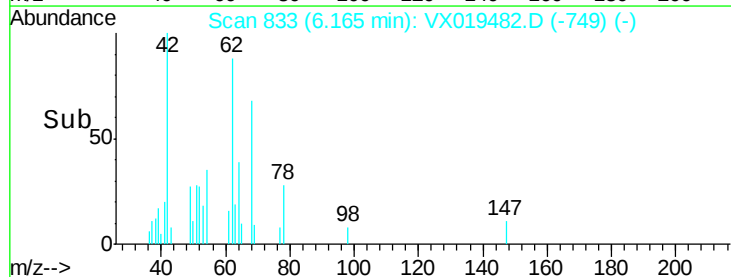
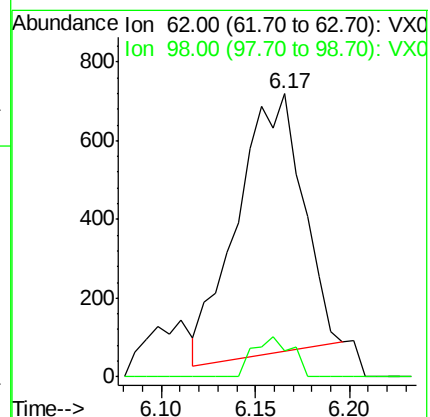
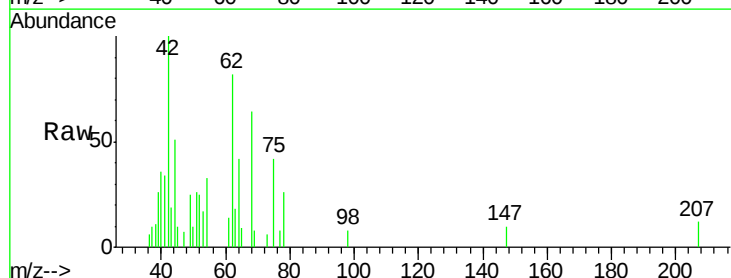
Acq: 19 Nov 2020 21:37

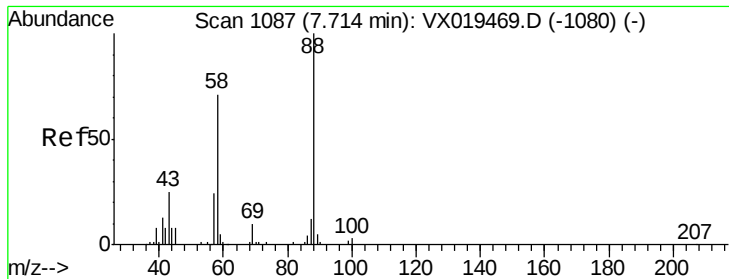
Tgt Ion: 62 Resp: 1592

Ion Ratio Lower Upper

62 100

98 9.0 8.1 12.1

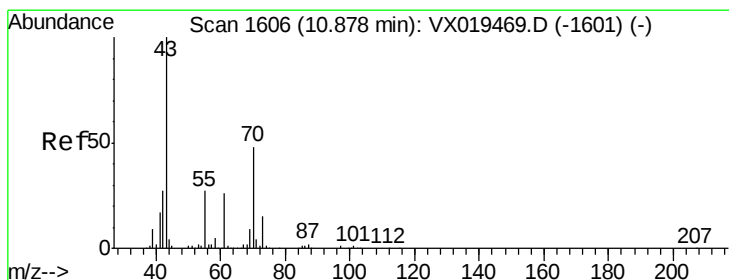
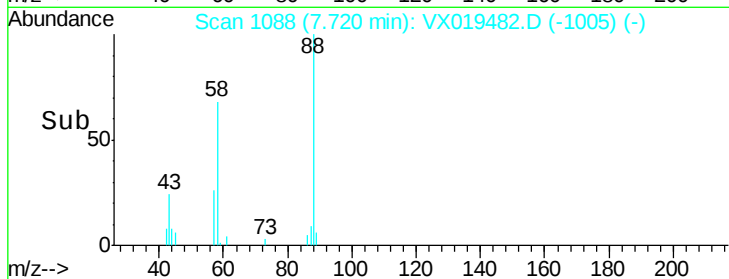
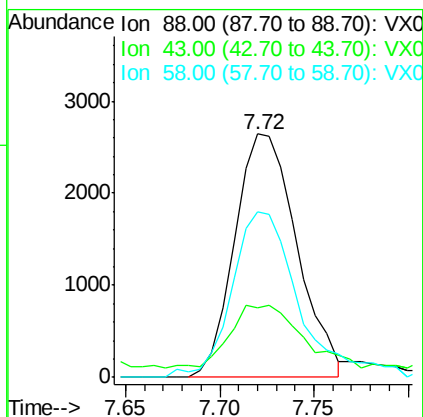
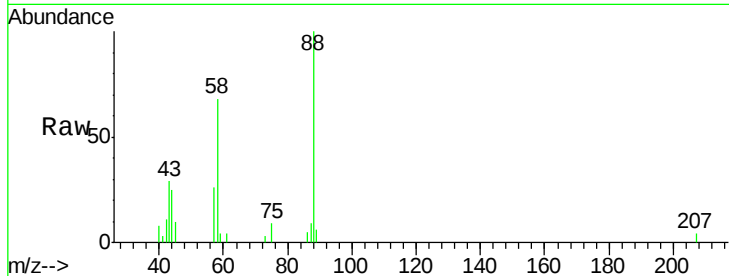




#45
1,4-Dioxane
Concen: 88.815 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

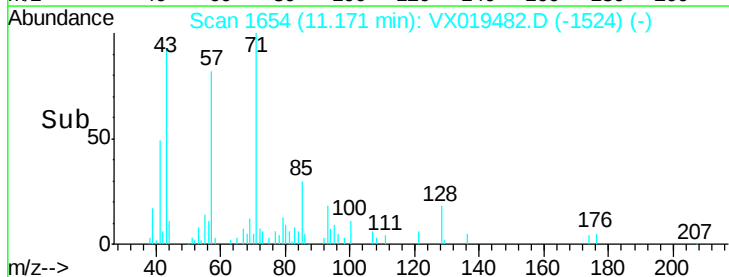
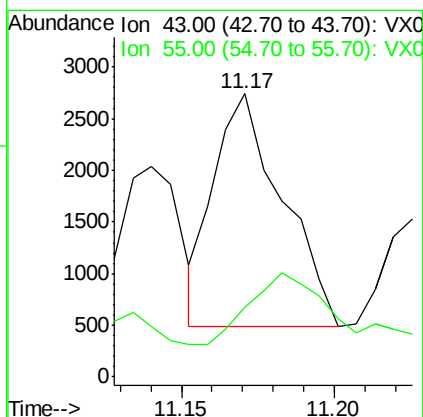
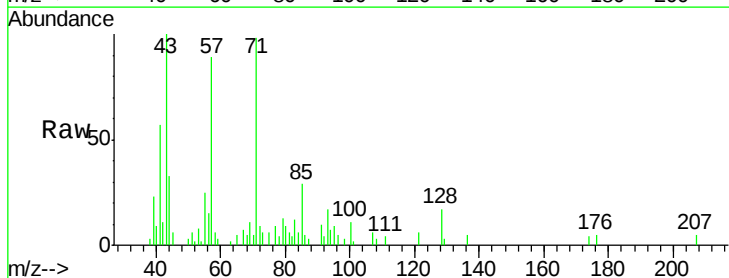
Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

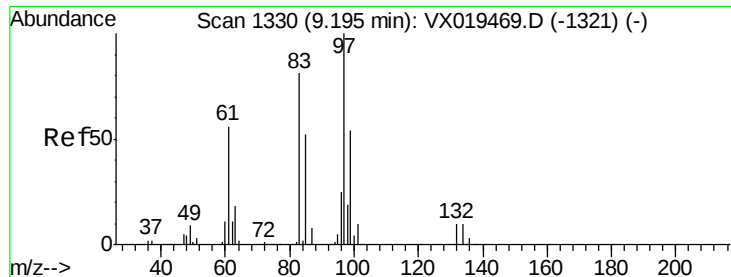
Tot Ion: 88 Resp: 6040
Ion Ratio Lower Upper
88 100
43 25.4 24.2 36.4
58 70.1 56.6 84.8



#47
n-amyl Acetate
Concen: 0.688 ug/l
RT: 11.17 min Scan# 1654
Delta R.T. 0.29 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
55 33.4 22.8 34.2

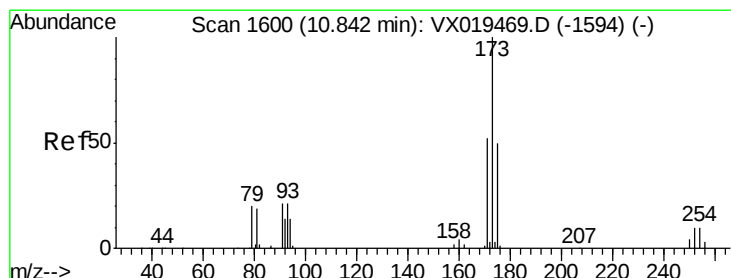
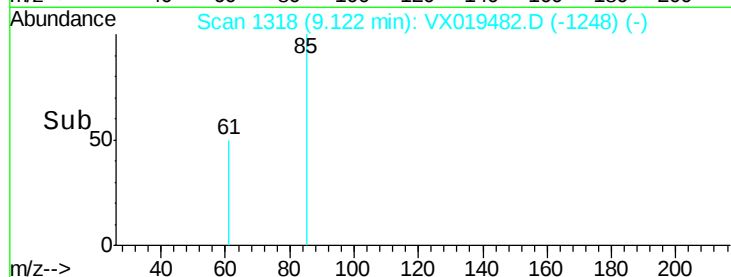
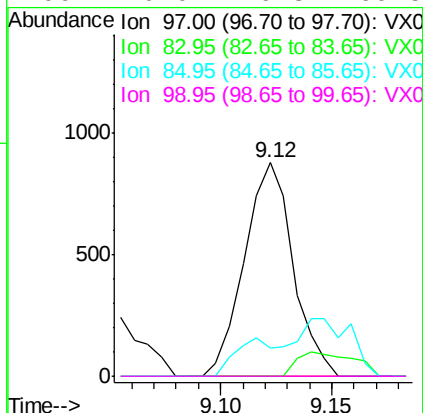
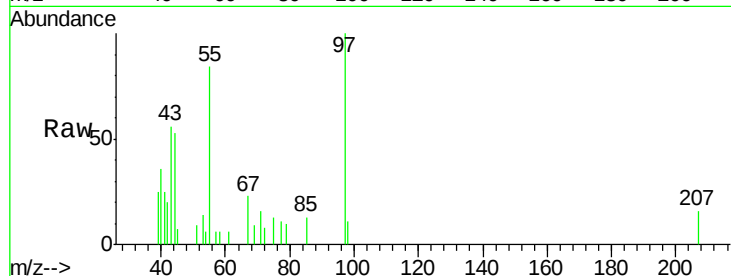




#50
 1,1,2-Trichloroethane
 Concen: 0.436 ug/l
 RT: 9.12 min Scan# 1318
 Delta R.T. -0.07 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

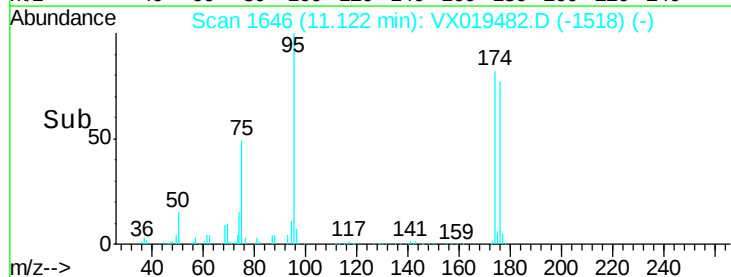
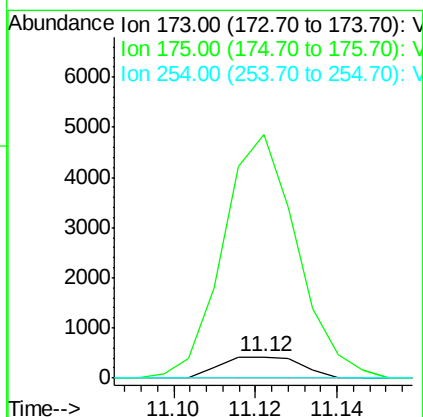
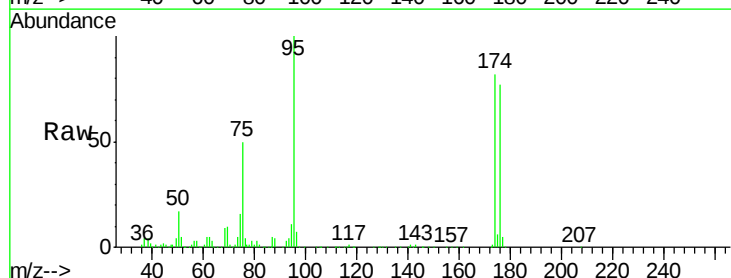
Instrument :
 MSVOA_X
 ClientSampleId :
 201118060-02-VOA

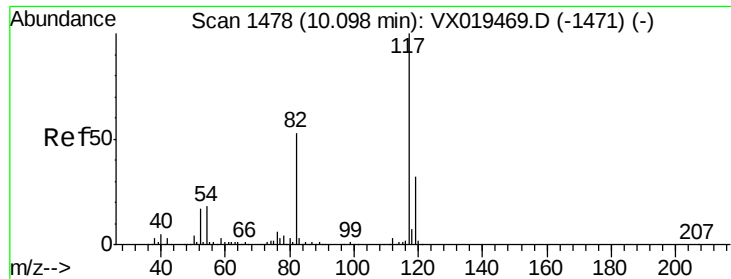
Tot Ion: 97 Resp: 1340
 Ion Ratio Lower Upper
 97 100
 83 0.0 64.8 97.2#
 85 13.0 41.8 62.8#
 99 0.0 46.3 69.5#



#56
 Bromoform
 Concen: 0.268 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.28 min
 Lab File: VX019482.D
 Acq: 19 Nov 2020 21:37

Tgt Ion: 173 Resp: 582
 Ion Ratio Lower Upper
 173 100
 175 1052.9 39.7 59.5#
 254 0.0 8.0 12.0#

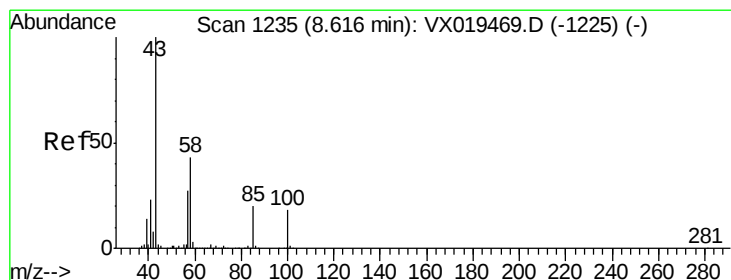
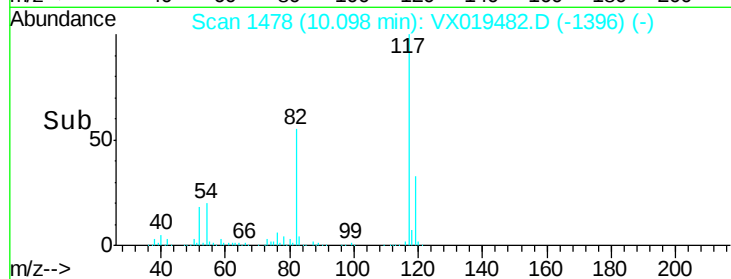
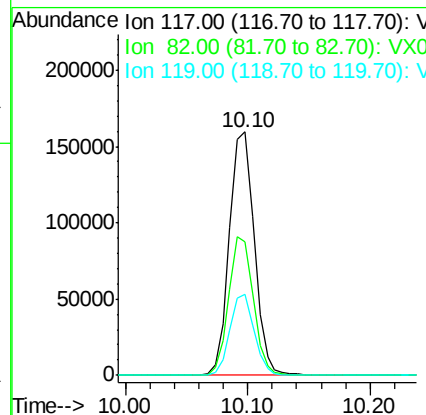
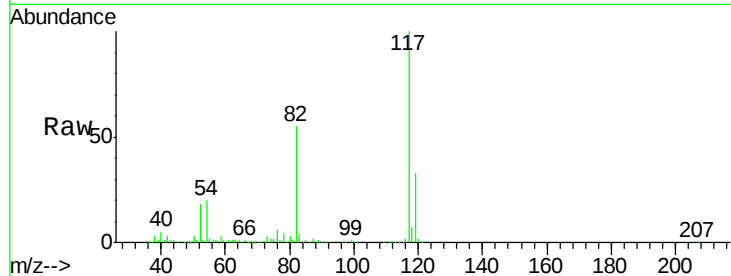




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

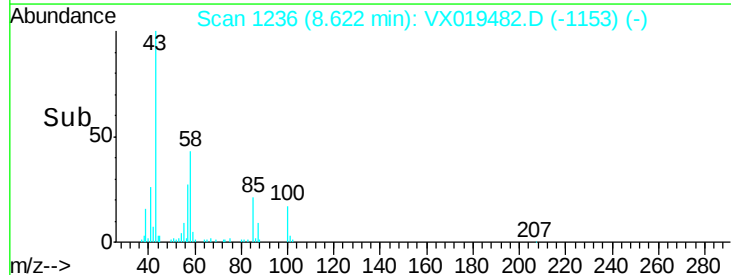
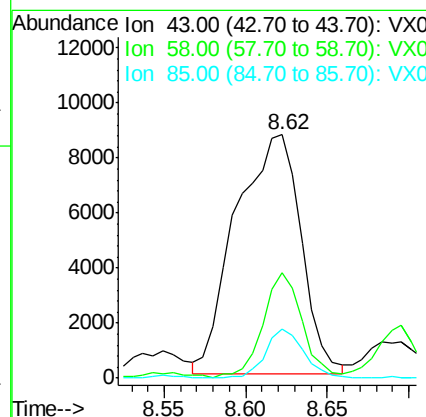
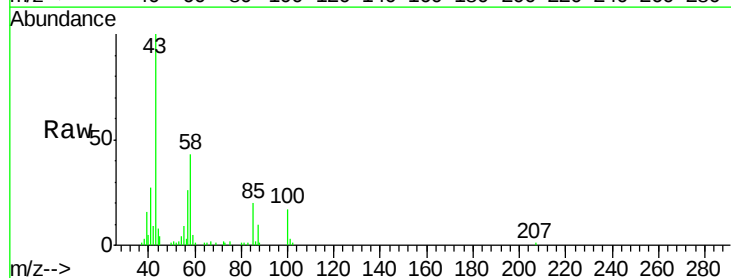
Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

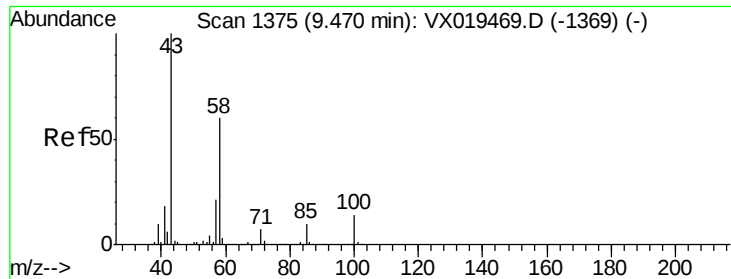
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	32.3	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 6.709 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.5	35.1	52.7#
85	12.0	16.7	25.1#

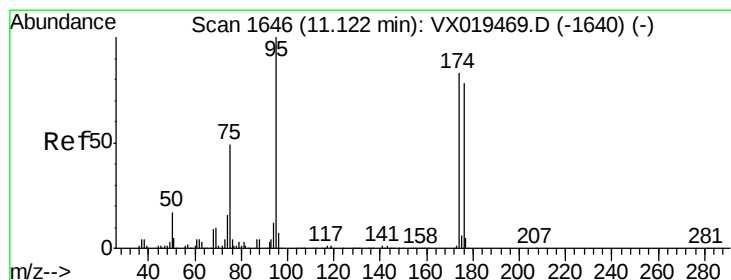
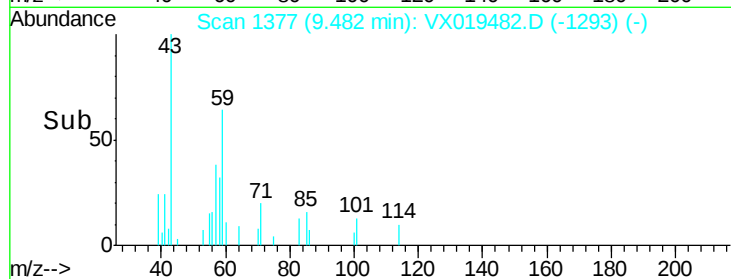
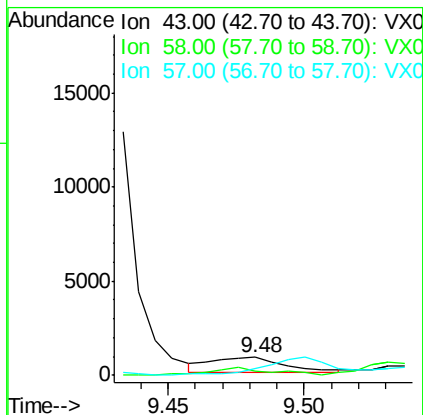
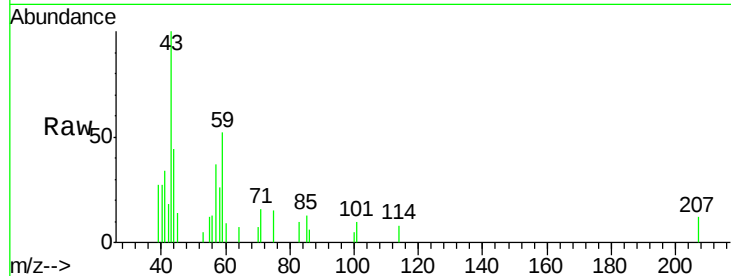




#59
2-Hexanone
Concen: 0.543 ug/l
RT: 9.48 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

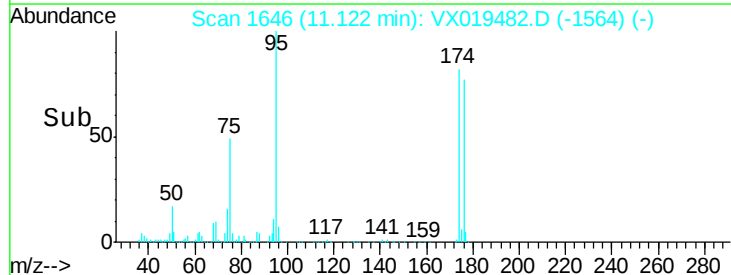
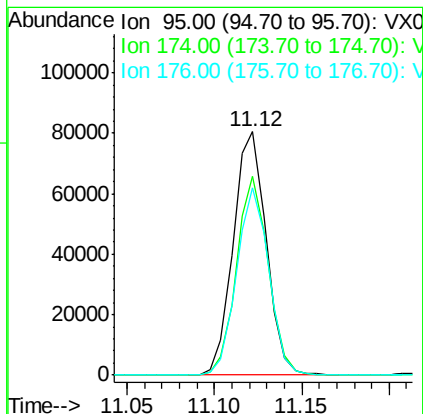
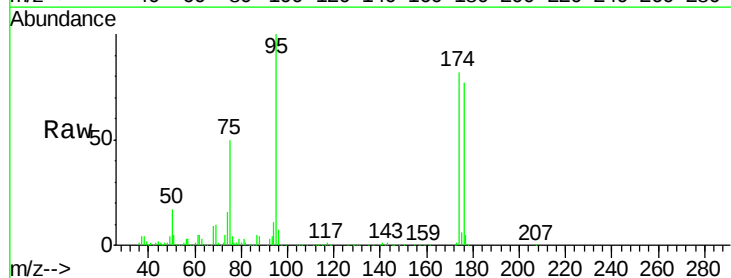
Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

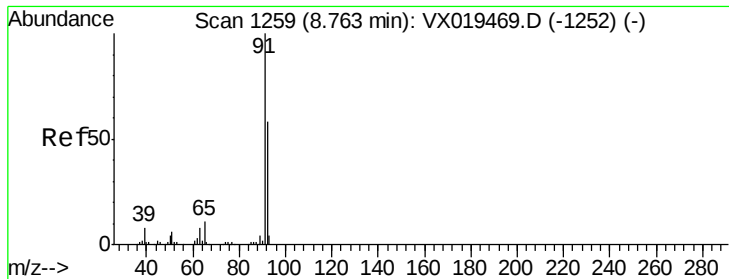
Tot Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 43.6 49.0 73.6#
57 107.4 17.0 25.4#



#60
4-Bromofluorobenzene
Concen: 28.559 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion: 95 Resp: 105538
Ion Ratio Lower Upper
95 100
174 78.7 63.5 95.3
176 75.1 59.8 89.6





#62

Toluene

Concen: 1.519 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

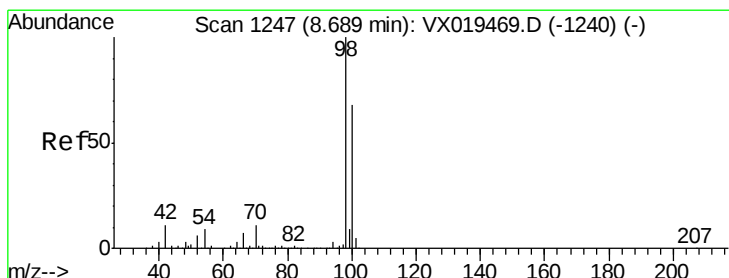
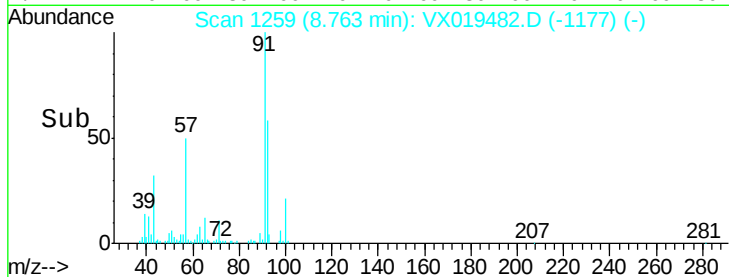
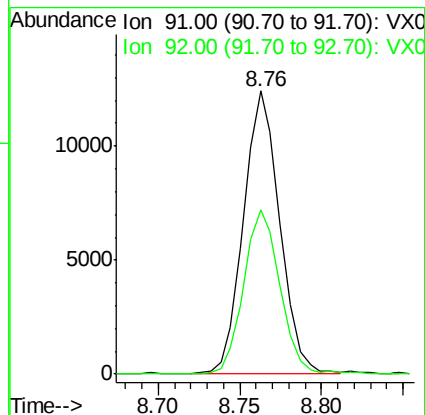
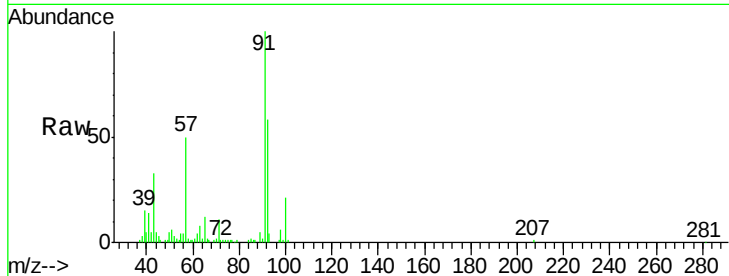
201118060-02-VOA

Tot Ion: 91 Resp: 19249

Ion Ratio Lower Upper

91 100

92 57.8 47.4 71.2



#63

Toluene-d8

Concen: 30.095 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019482.D

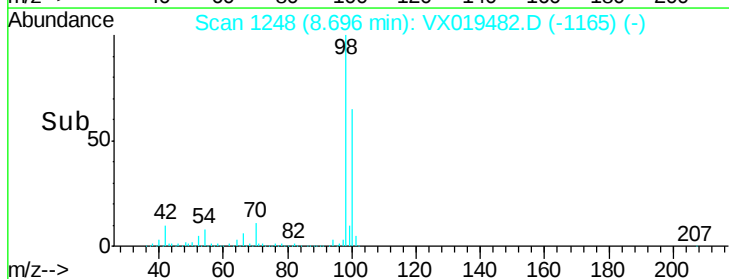
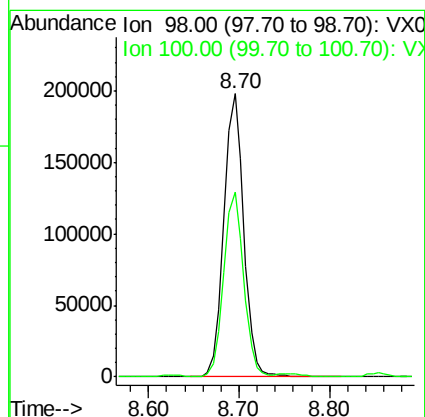
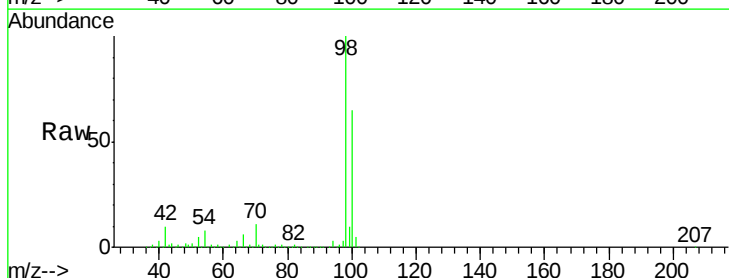
Acq: 19 Nov 2020 21:37

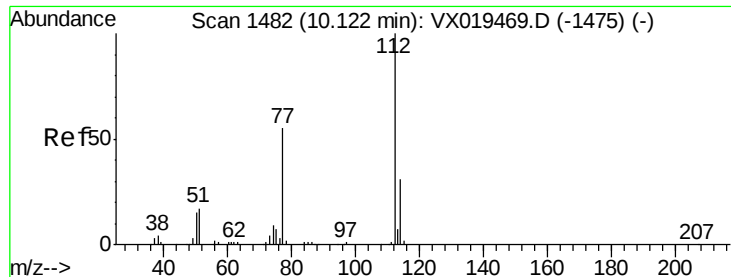
Tgt Ion: 98 Resp: 303966

Ion Ratio Lower Upper

98 100

100 65.4 53.6 80.4





#64

Chlorobenzene

Concen: 0.945 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

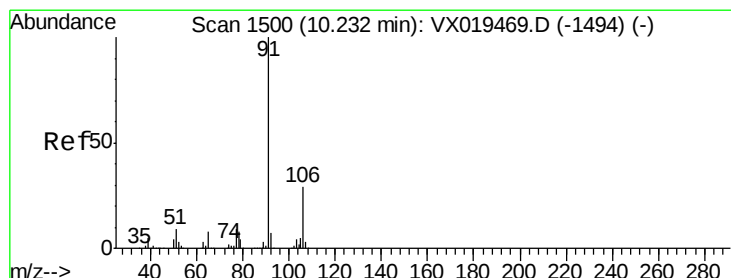
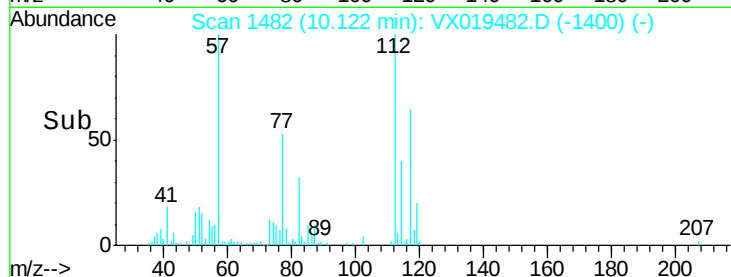
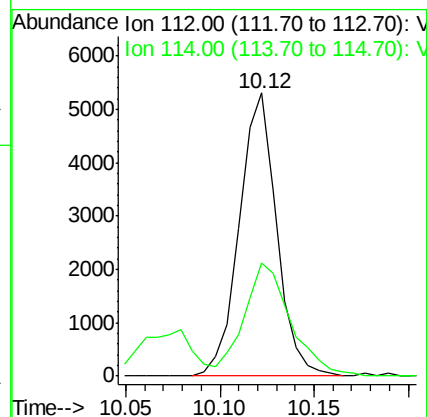
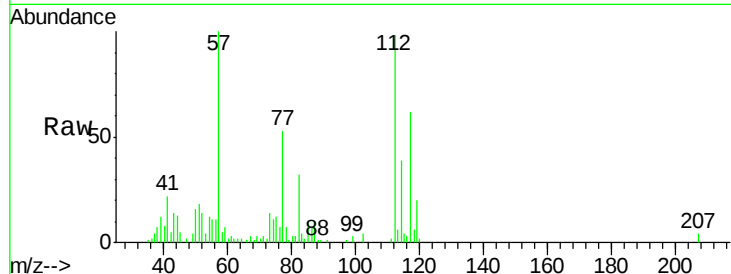
201118060-02-VOA

Tot Ion:112 Resp: 7294

Ion Ratio Lower Upper

112 100

114 38.7 24.8 37.2#



#66

Ethyl Benzene

Concen: 1.890 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019482.D

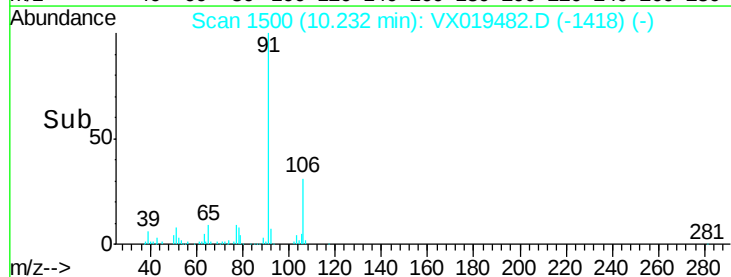
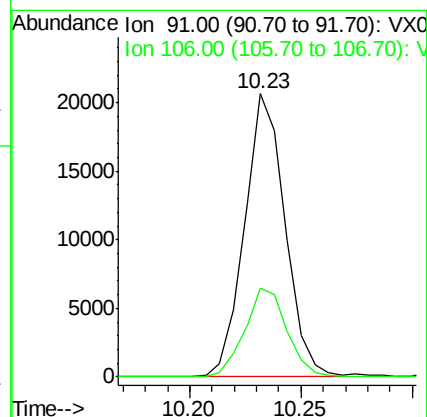
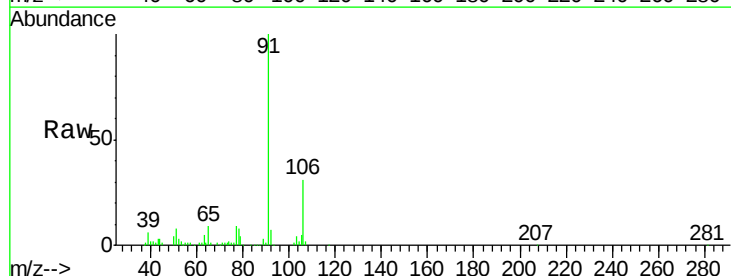
Acq: 19 Nov 2020 21:37

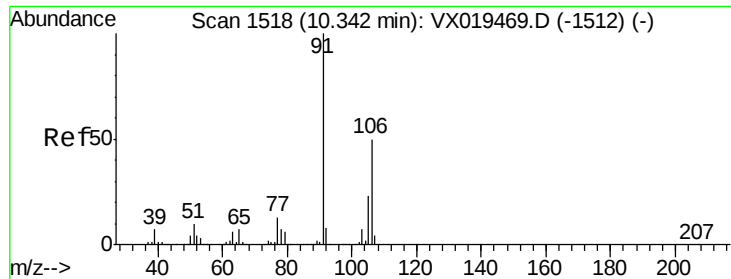
Tgt Ion: 91 Resp: 26243

Ion Ratio Lower Upper

91 100

106 31.3 23.5 35.3





#67

m/p-Xvlenes

Concen: 5.996 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

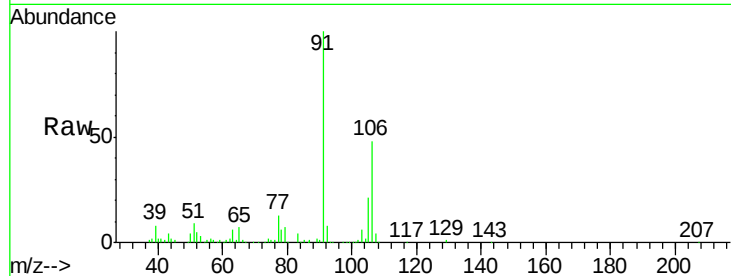
201118060-02-VOA

Tot Ion:106 Resp: 31188

Ion Ratio Lower Upper

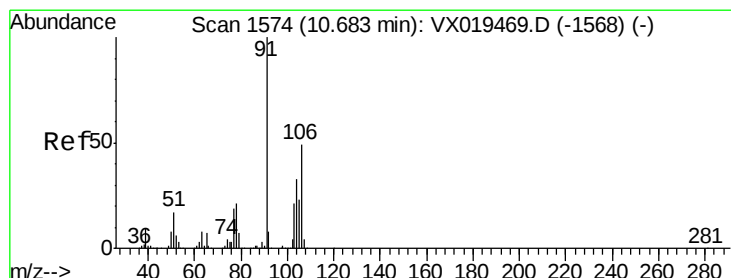
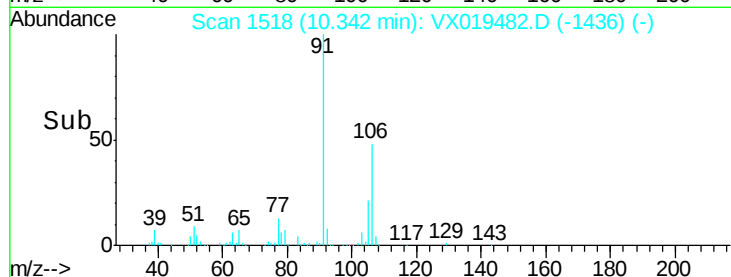
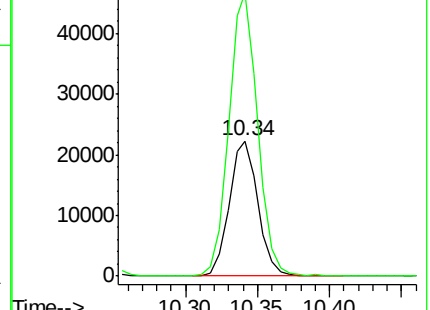
106 100

91 209.1 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.834 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019482.D

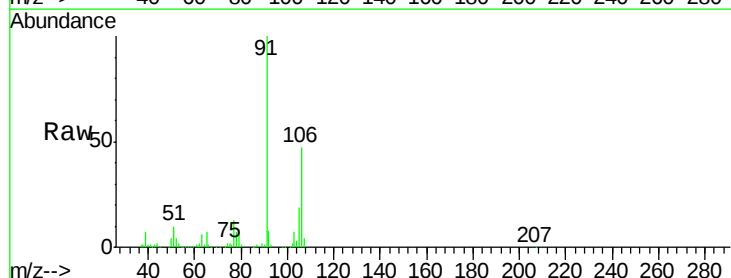
Acq: 19 Nov 2020 21:37

Tgt Ion:106 Resp: 23831

Ion Ratio Lower Upper

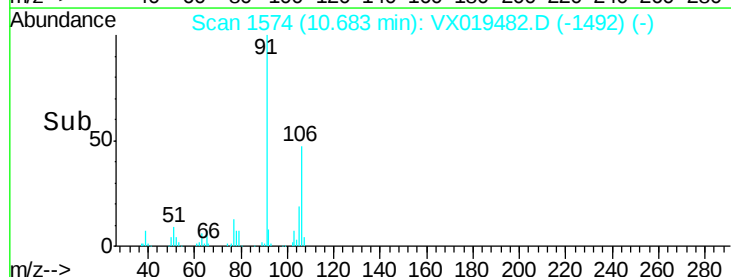
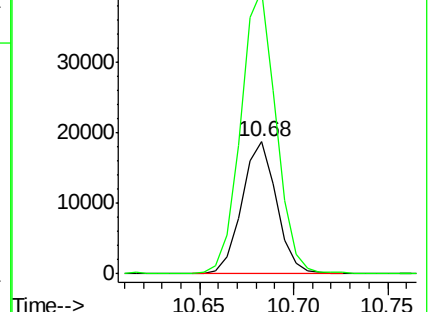
106 100

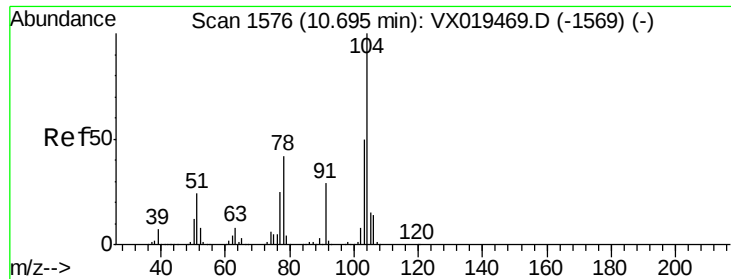
91 218.2 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

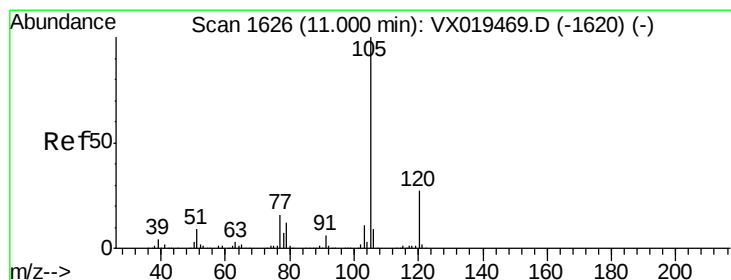
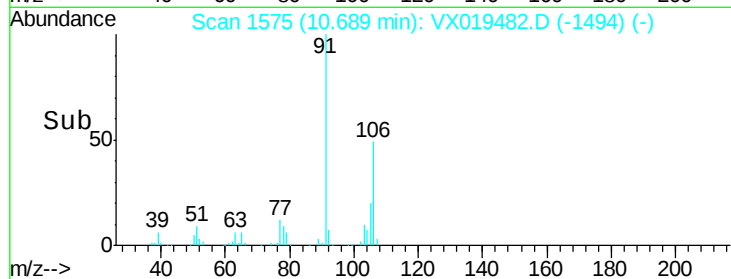
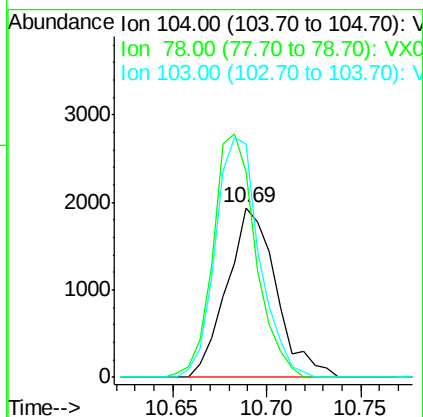
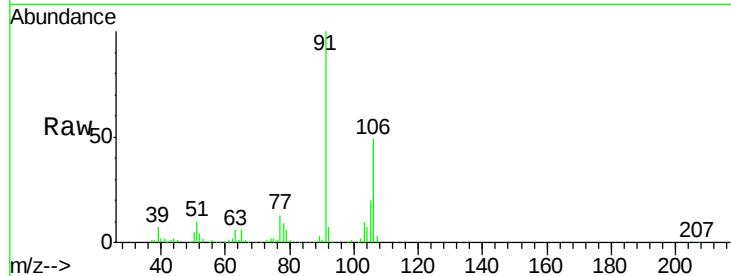




#69
Stvrene
Concen: 0.419 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

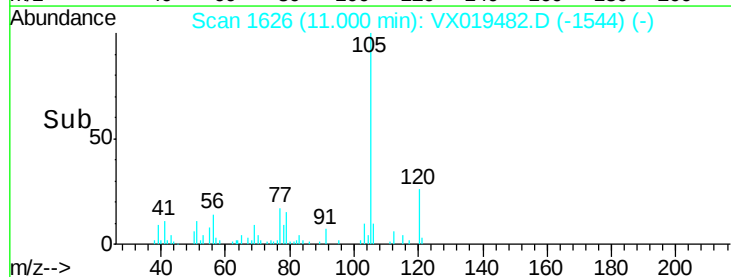
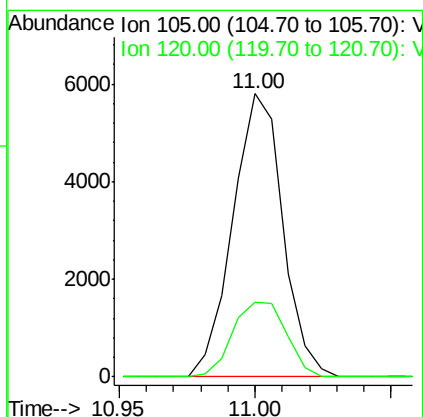
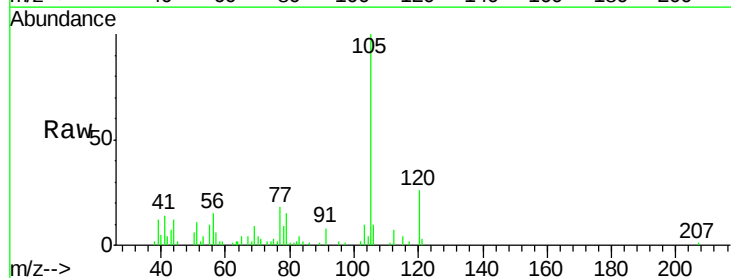
Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

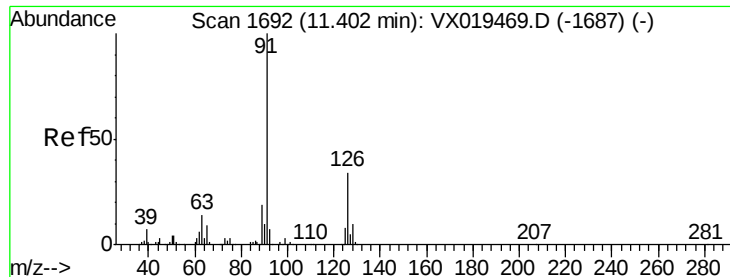
Tot Ion:104 Resp: 3521
Ion Ratio Lower Upper
104 100
78 123.5 39.2 58.8#
103 126.3 43.8 65.8#



#70
Isopropylbenzene
Concen: 0.552 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion:105 Resp: 7382
Ion Ratio Lower Upper
105 100
120 28.3 18.5 34.3





#75

2-Chlorotoluene

Concen: 0.337 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

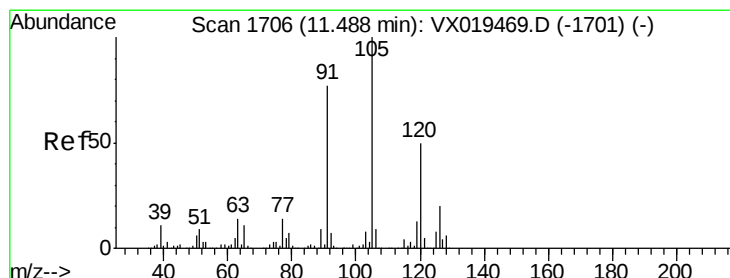
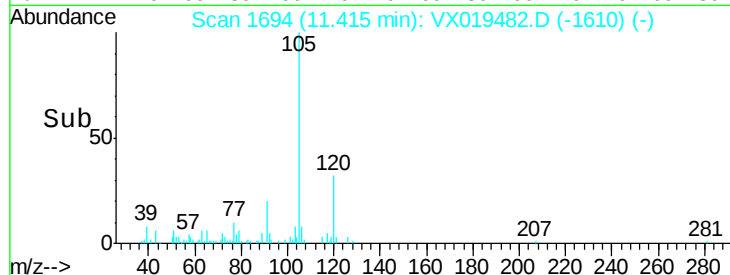
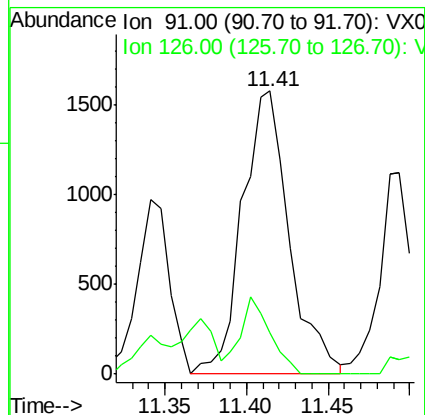
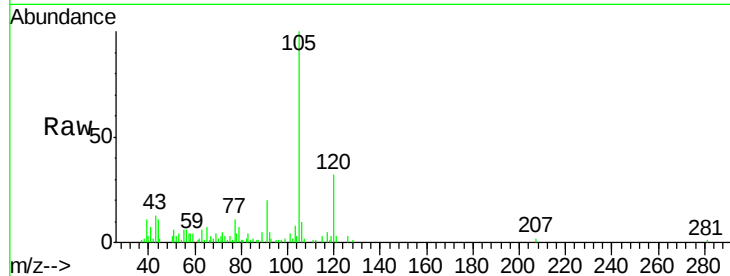
201118060-02-VOA

Tot Ion: 91 Resp: 3143

Ion Ratio Lower Upper

91 100

126 17.7 0.0 66.4



#76

1,3,5-Trimethylbenzene

Concen: 0.636 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019482.D

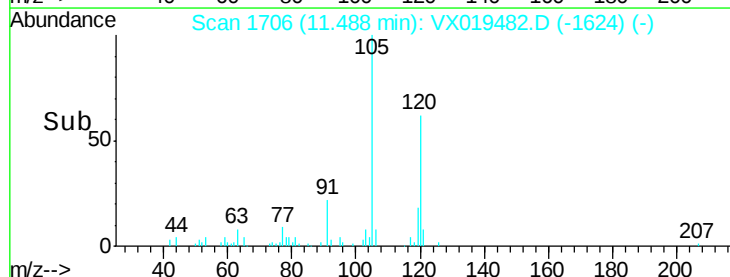
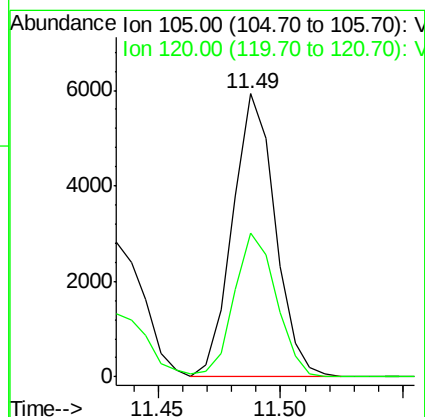
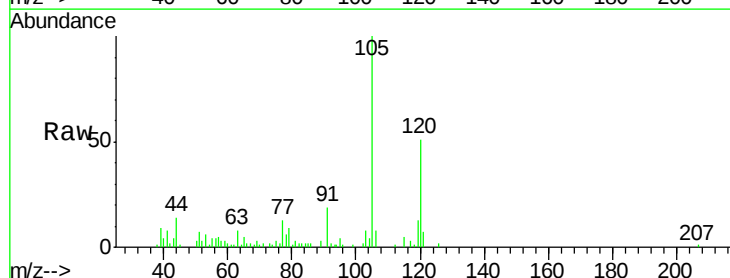
Acq: 19 Nov 2020 21:37

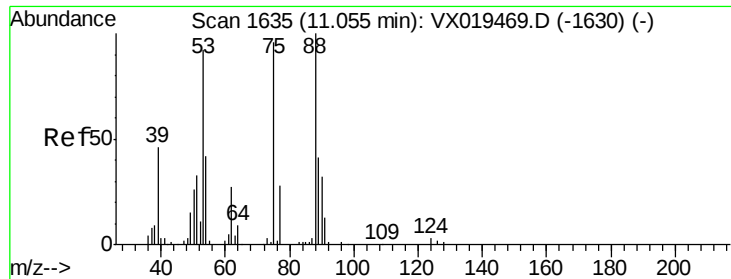
Tgt Ion: 105 Resp: 7197

Ion Ratio Lower Upper

105 100

120 50.2 0.0 99.4

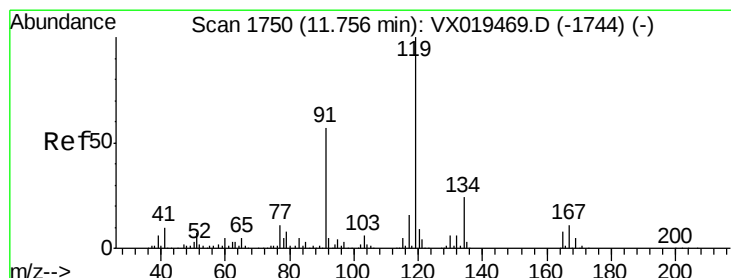
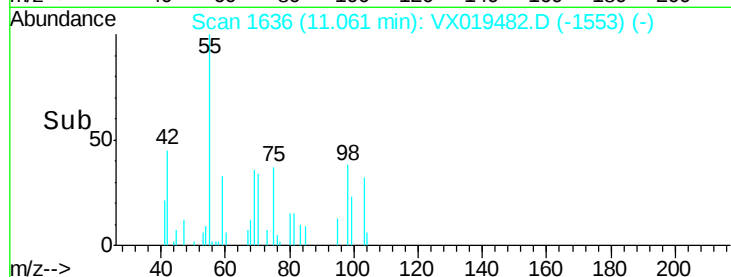
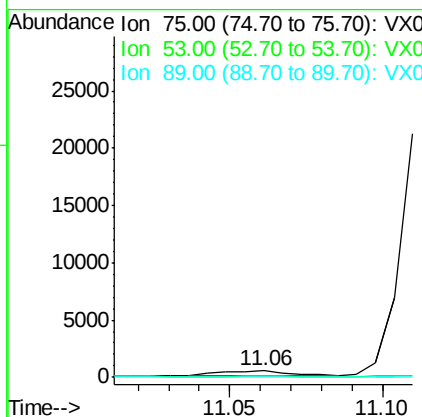
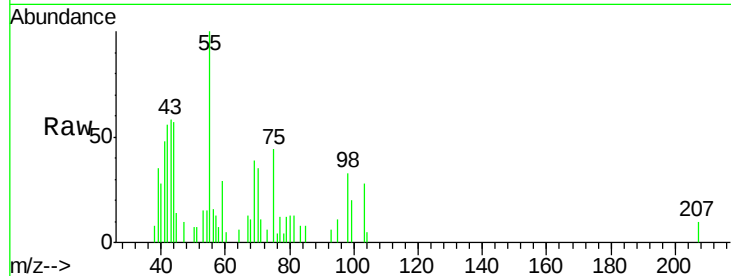




#77
t-1,4-Dichloro-2-butene
Concen: 0.509 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

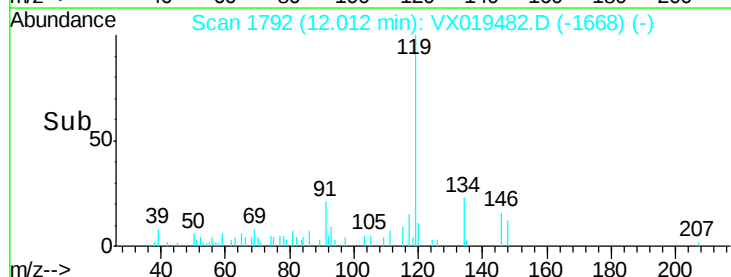
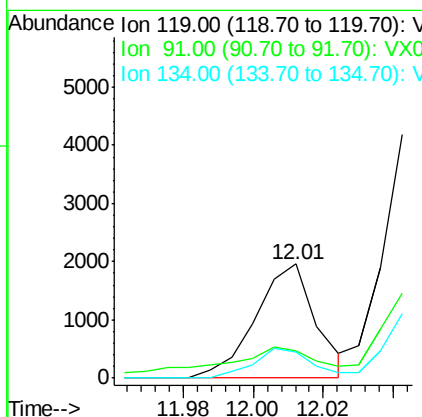
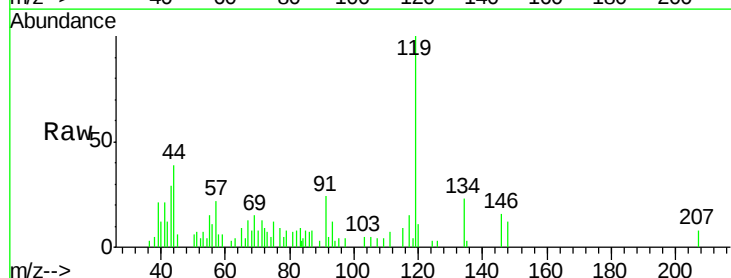
Instrument :
MSVOA_X
ClientSampleId :
201118060-02-VOA

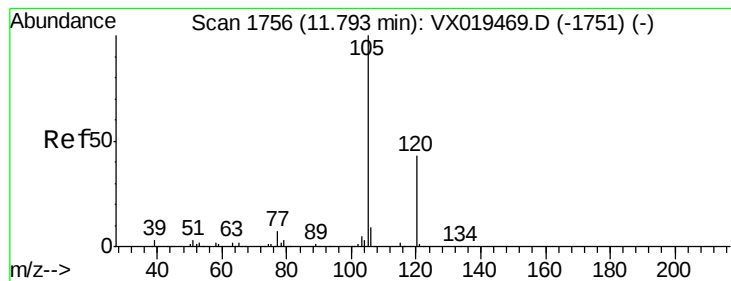
Tot Ion: 75 Resp: 716
Ion Ratio Lower Upper
75 100
53 29.1 47.9 143.6#
89 0.0 21.4 64.2#



#79
tert-butylbenzene
Concen: 0.215 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.26 min
Lab File: VX019482.D
Acq: 19 Nov 2020 21:37

Tgt Ion: 119 Resp: 2339
Ion Ratio Lower Upper
119 100
91 34.1 0.0 117.0
134 25.3 0.0 47.2





#80

1,2,4-Trimethylbenzene

Concen: 1.472 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

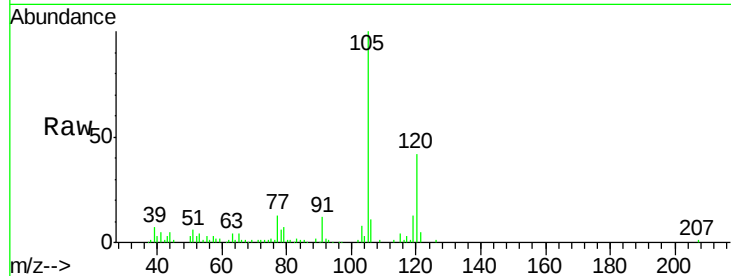
201118060-02-VOA

Tot Ion:105 Resp: 16750

Ion Ratio Lower Upper

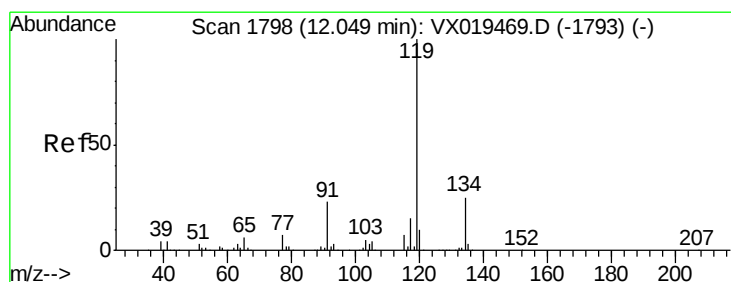
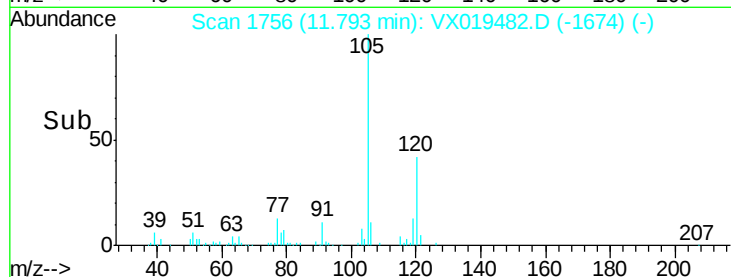
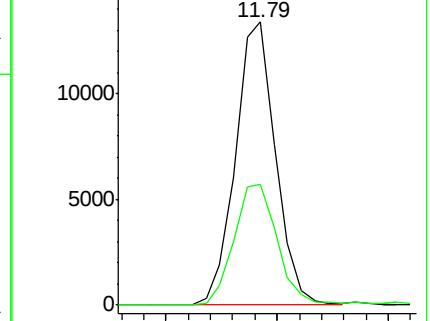
105 100

120 46.1 0.0 91.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

p-Isopropyltoluene

Concen: 0.532 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

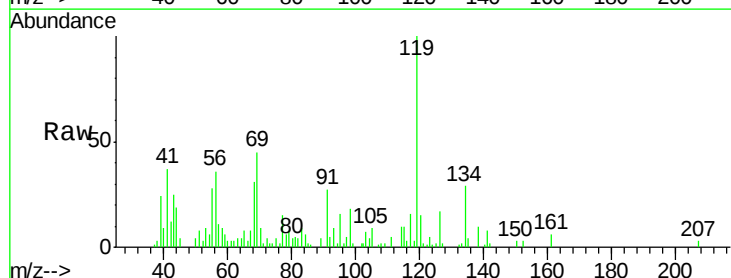
Tgt Ion:119 Resp: 6312

Ion Ratio Lower Upper

119 100

134 25.8 0.0 51.8

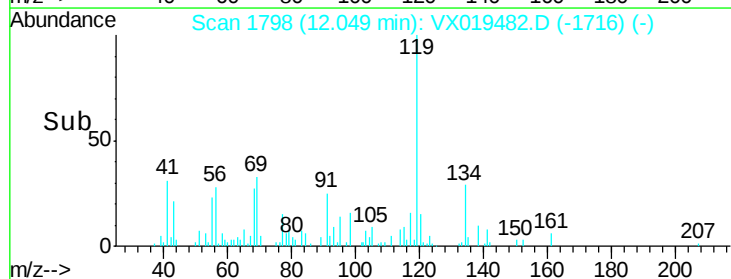
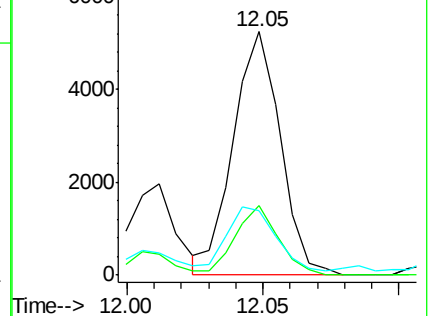
91 28.0 0.0 47.6

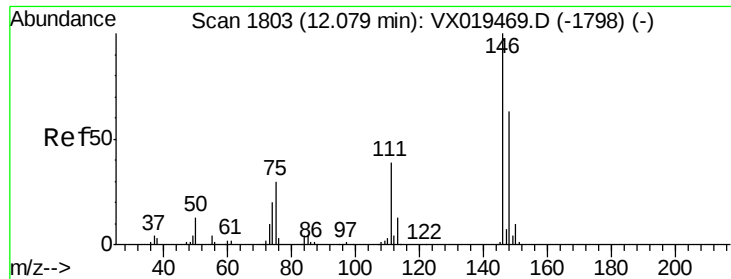


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#84

1,4-Dichlorobenzene

Concen: 3.462 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

201118060-02-VOA

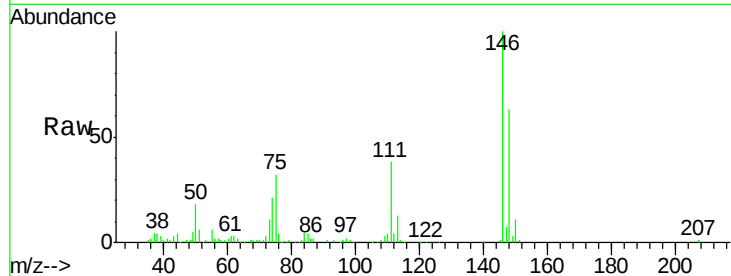
Tot Ion:146 Resp: 21540

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

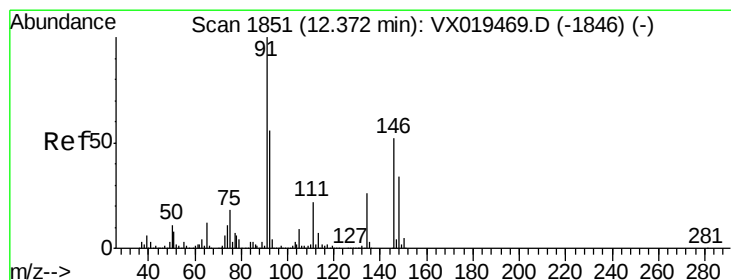
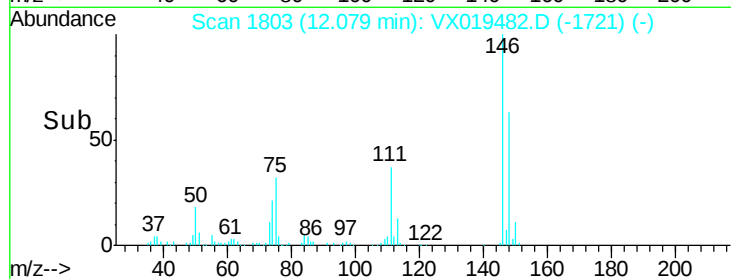
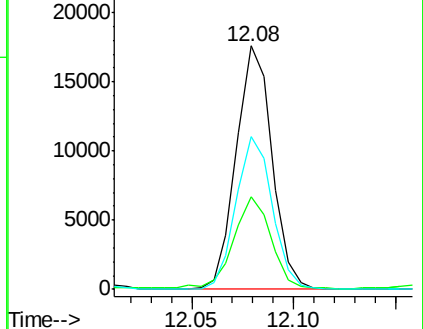
148 63.3 31.4 94.2



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



#85

n-Butylbenzene

Concen: 0.333 ug/l

RT: 12.28 min Scan# 1836

Delta R.T. -0.09 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

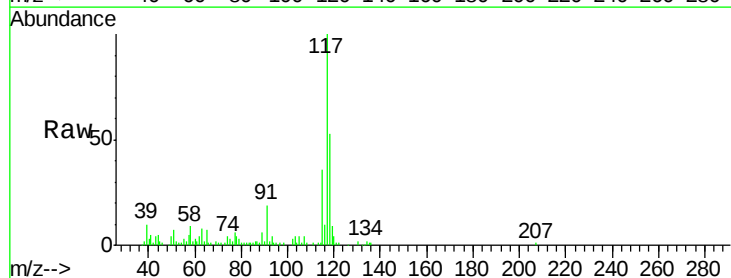
Tgt Ion: 91 Resp: 3605

Ion Ratio Lower Upper

91 100

92 13.3 0.0 111.2

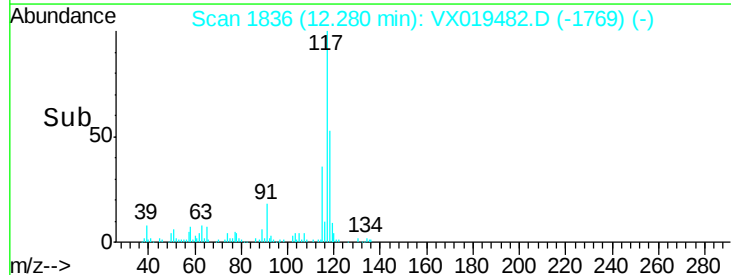
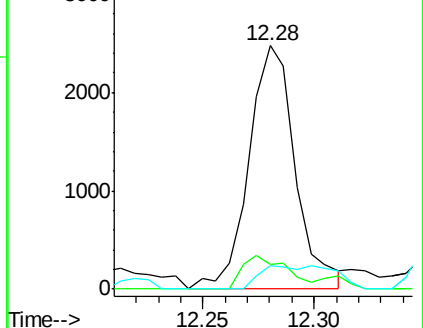
134 8.1 0.0 51.2

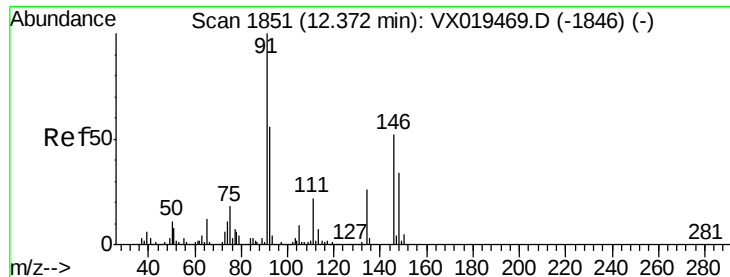


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#87

1,2-Dichlorobenzene

Concen: 0.294 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

Instrument :

MSVOA_X

ClientSampleId :

201118060-02-VOA

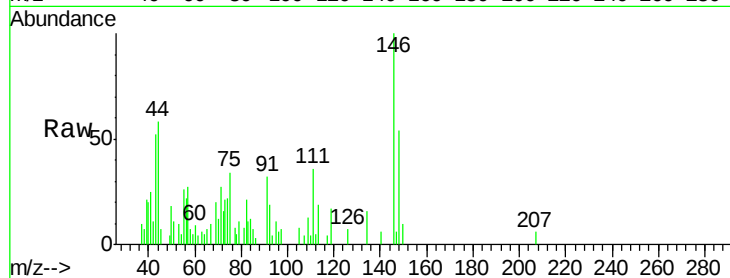
Tot Ion:146 Resp: 1789

Ion Ratio Lower Upper

146 100

111 50.4 20.5 61.6

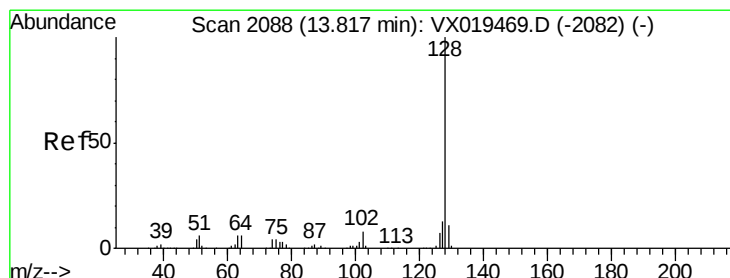
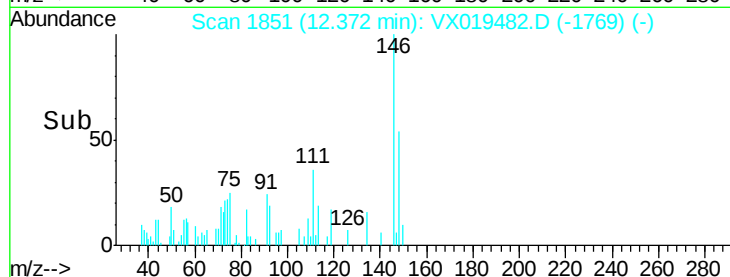
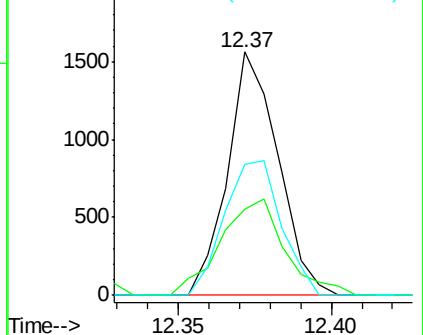
148 62.3 31.5 94.5



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



#91

Naphthalene

Concen: 0.858 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019482.D

Acq: 19 Nov 2020 21:37

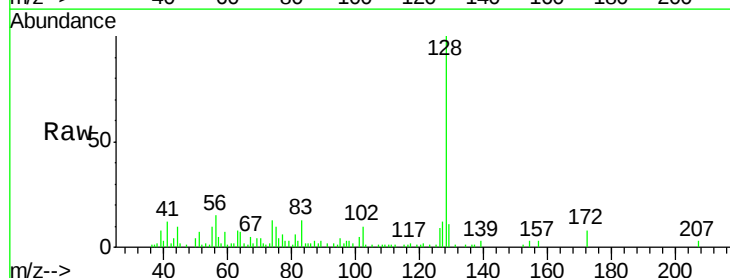
Tgt Ion:128 Resp: 11078

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.2 8.6 12.8



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

