

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019547.D
 Acq On : 23 Nov 2020 13:54
 Operator : JC/MD
 Sample : L4772-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111620DL

Quant Time: Nov 24 00:31:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192702	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	186052	45.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.26%	
35) Dibromofluoromethane		5.46	113	149974	47.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.72%	
50) Toluene-d8		8.70	98	587733	47.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.52%	
62) 4-Bromofluorobenzene		11.12	95	205678	46.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	322	0.225	ug/l #	63
6) Chloroethane	1.68	64	240	Below Cal	#	41
11) Tert butyl alcohol	2.99	59	4437	5.750	ug/l #	73
16) Acetone	2.43	43	1341	0.850	ug/l	98
18) Methyl Acetate	2.76	43	543	0.773	ug/l #	47
20) Methylene Chloride	2.83	84	1566	0.397	ug/l	91
25) 2-Butanone	4.65	43	618	0.261	ug/l #	45
29) Tetrahydrofuran	5.11	42	523	0.346	ug/l #	35
36) 1,1-Dichloropropene	5.62	75	23184	4.902	ug/l #	49
38) Carbon Tetrachloride	5.62	117	31321	6.842	ug/l #	16
39) Methylcyclohexane	7.44	83	3900	0.708	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	2412	0.666	ug/l #	21
59) 2-Hexanone	9.42	43	1524	0.462	ug/l #	20
67) Ethyl Benzene	10.23	91	61454	3.935	ug/l	97
68) m/p-Xylenes	10.34	106	52388	9.003	ug/l	100
69) o-Xylene	10.68	106	6628	1.192	ug/l	97
70) Styrene	10.69	104	621	1.704	ug/l #	1
73) Isopropylbenzene	11.00	105	201073	15.083	ug/l	100
74) N-amyl acetate	10.89	43	6923	1.386	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	5216	1.094	ug/l #	34
76) 1,2,3-Trichloropropane	11.12	75	101539	24.145	ug/l #	37
78) n-propylbenzene	11.34	91	383396	25.070	ug/l	100
79) 2-Chlorotoluene	11.44	91	15807	1.704	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.49	105	91619	8.193	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	101539	63.925	ug/l #	13
82) 4-Chlorotoluene	11.44	91	15807	1.448	ug/l #	46
83) tert-Butylbenzene	11.76	119	28105	2.598	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	1522417	134.550	ug/l	97
85) sec-Butylbenzene	11.93	105	143515	11.150	ug/l #	77
86) p-Isopropyltoluene	12.05	119	72420	6.197	ug/l	100
89) n-Butylbenzene	12.37	91	90356	8.553	ug/l #	69
90) Hexachloroethane	12.57	117	8808	4.504	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.01	75	742	0.763	ug/l #	1
95) Naphthalene	13.82	128	7209	2.663	ug/l #	90

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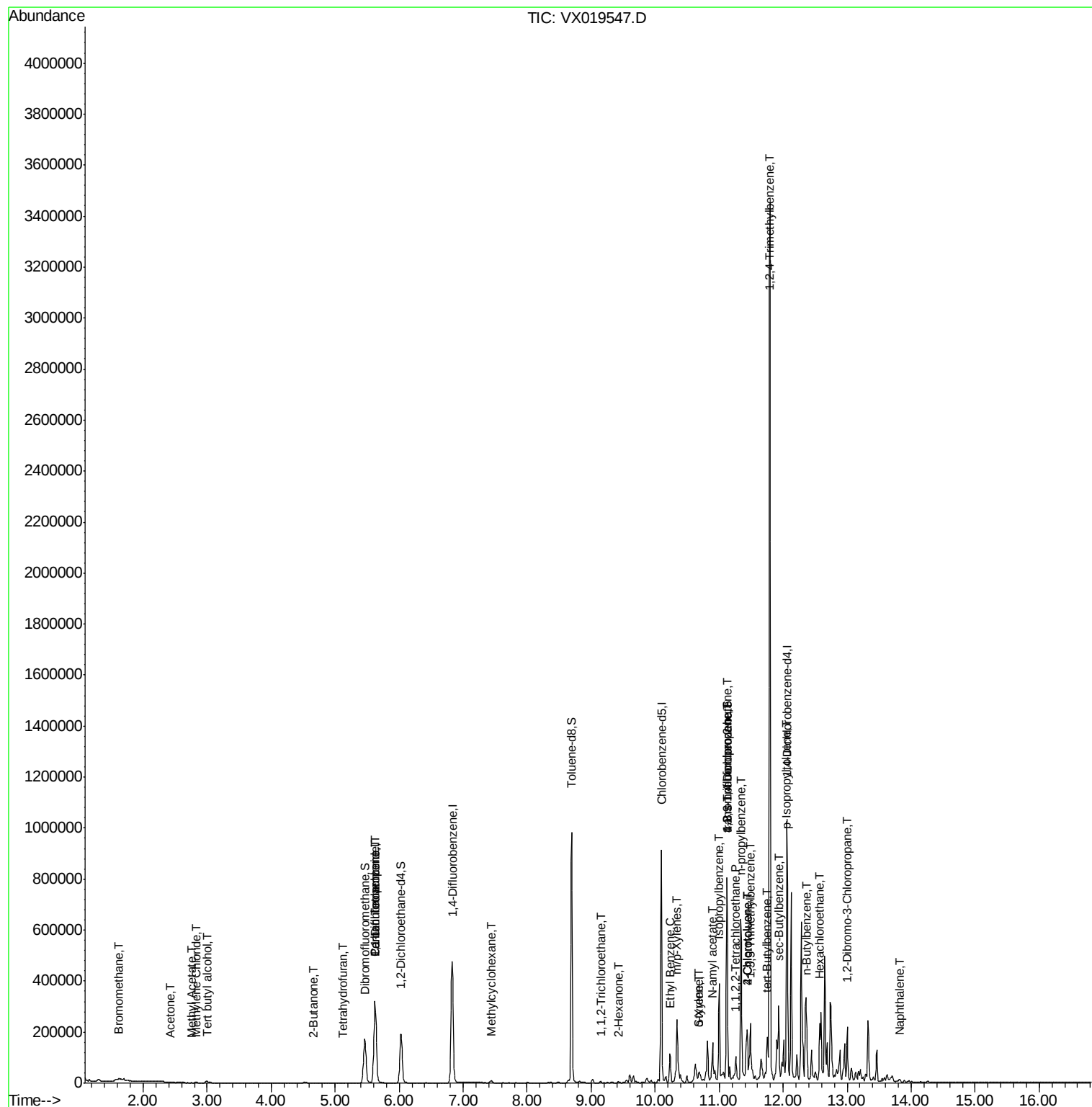
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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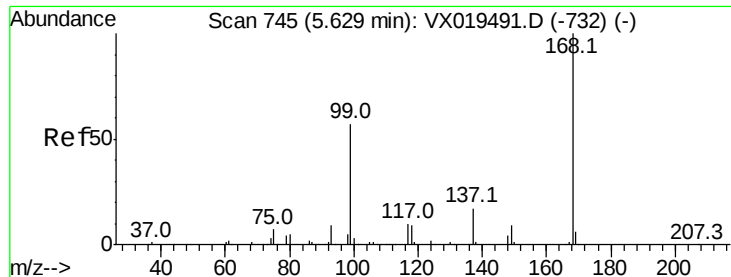
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

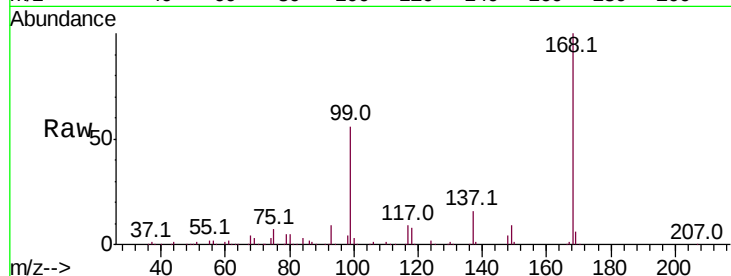
FD-111620DL

Tot Ion:168 Resp: 314468

Ion Ratio Lower Upper

168 100

99 56.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

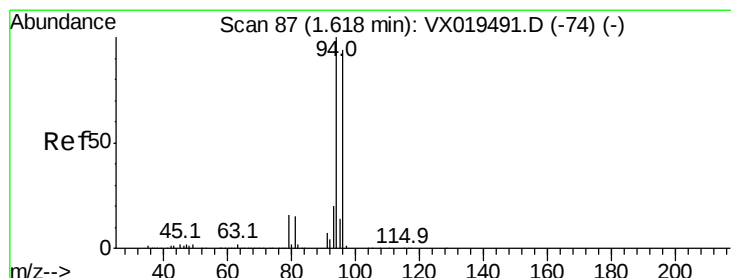
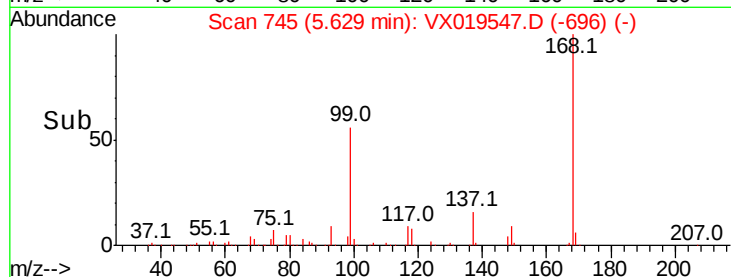
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.225 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019547.D

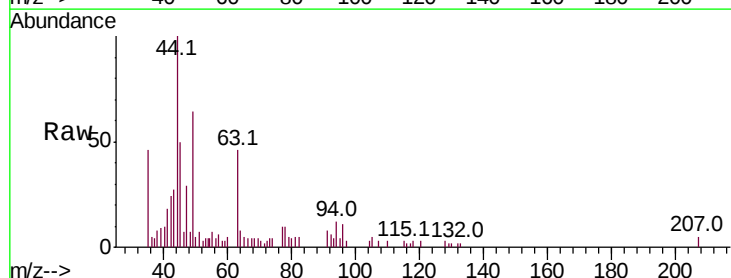
Acq: 23 Nov 2020 13:54

Tgt Ion: 94 Resp: 322

Ion Ratio Lower Upper

94 100

96 130.0 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

300

250

200

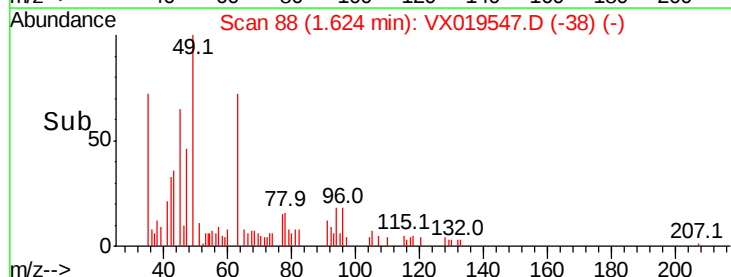
150

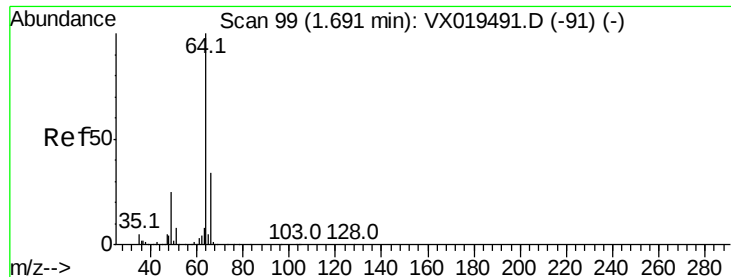
100

50

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 97

Delta R.T. -0.01 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampled :

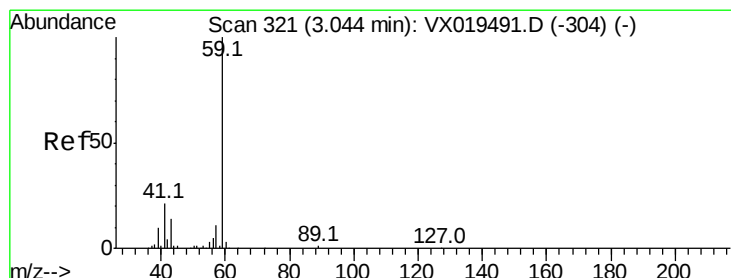
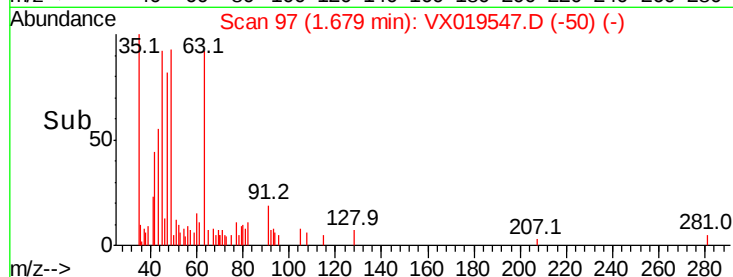
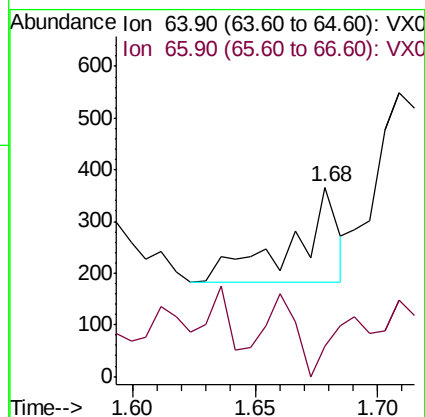
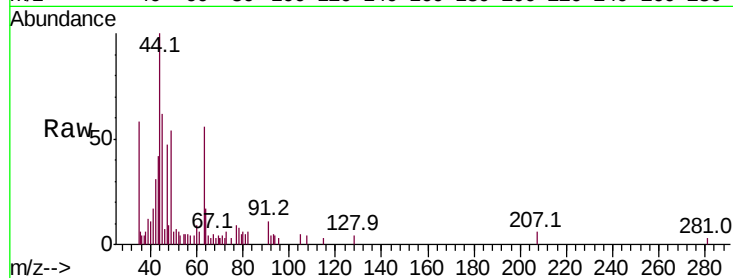
FD-111620DL

Tot Ion: 64 Resp: 240

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



#11

Tert butyl alcohol

Concen: 5.750 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.05 min

Lab File: VX019547.D

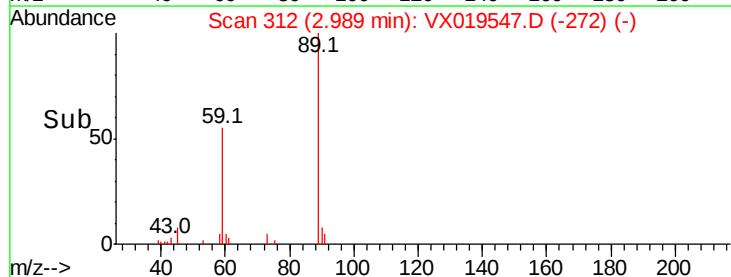
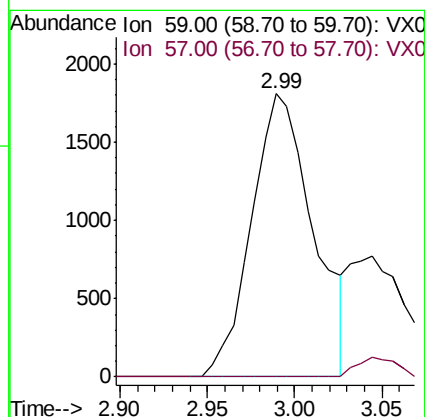
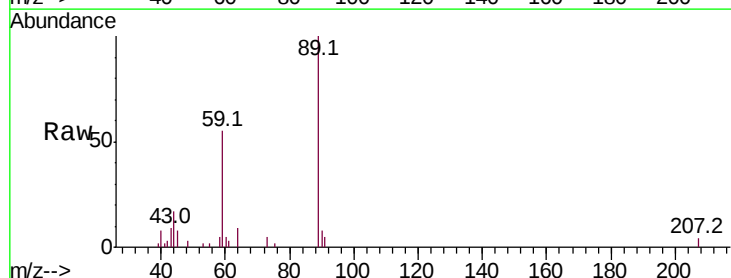
Acq: 23 Nov 2020 13:54

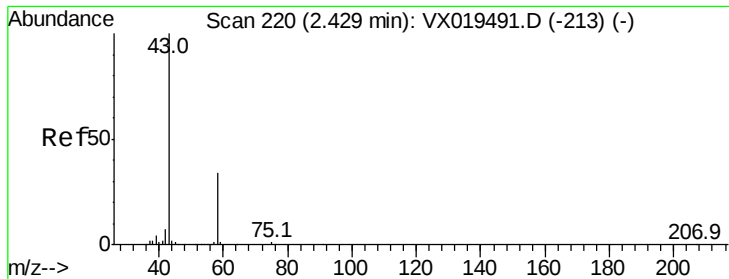
Tgt Ion: 59 Resp: 4437

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

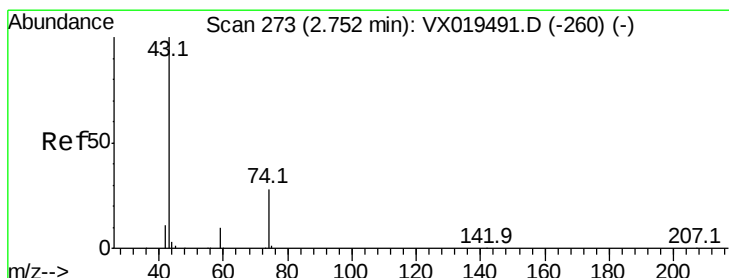
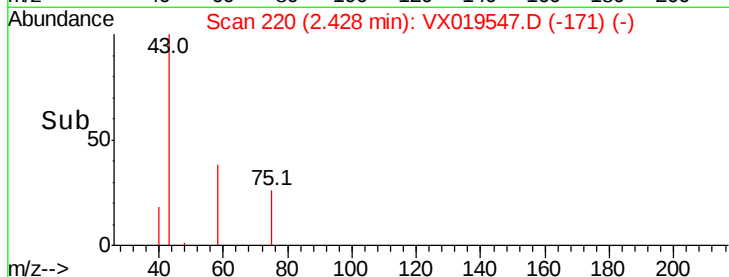
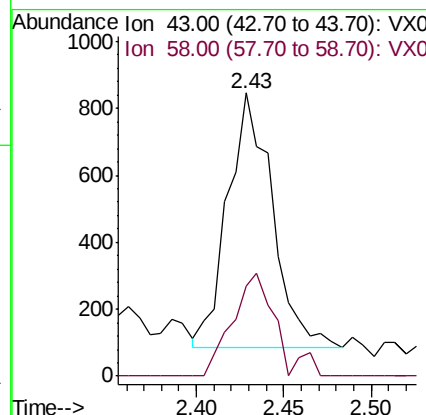
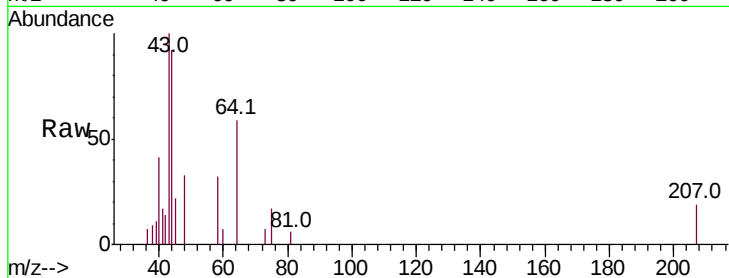




#16
Acetone
Concen: 0.850 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

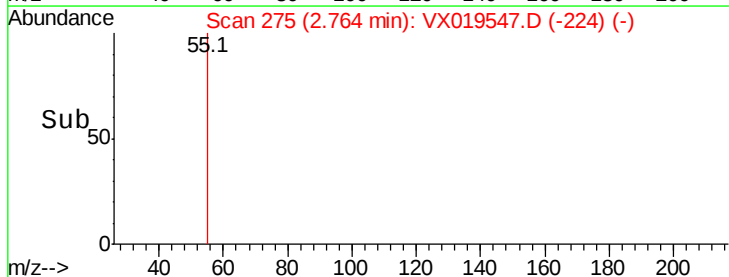
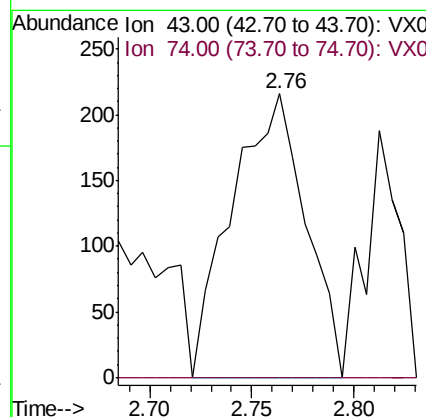
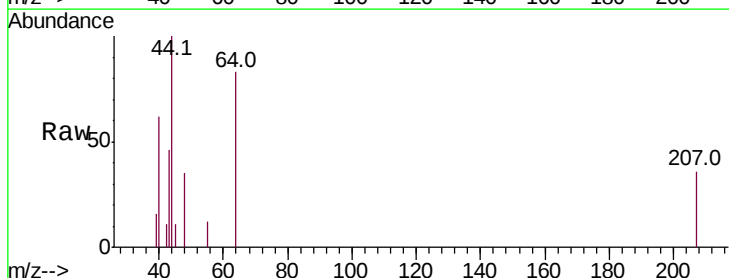
Instrument :
MSVOA_X
ClientSampleId :
FD-111620DL

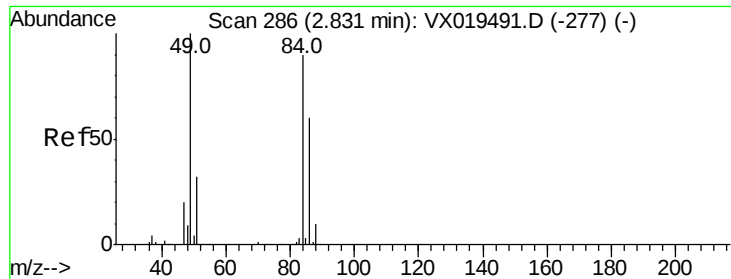
Tot Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 35.4 27.4 41.2



#18
Methyl Acetate
Concen: 0.773 ug/l
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#





#20

Methvlene Chloride

Concen: 0.397 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampled :

FD-111620DL

Tot Ion: 84 Resp: 1566

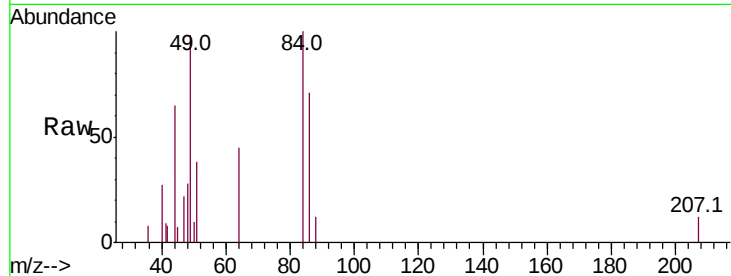
Ion Ratio Lower Upper

84 100

49 98.0 88.5 132.7

51 38.1 28.0 42.0

86 70.5 53.0 79.4

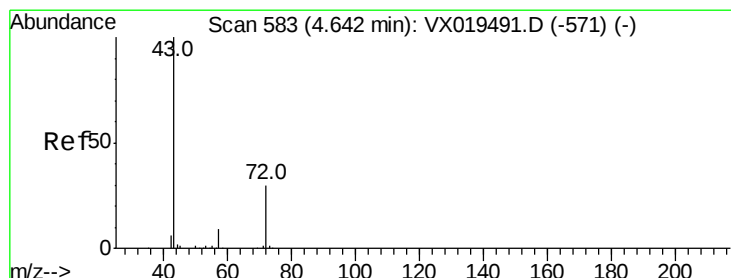
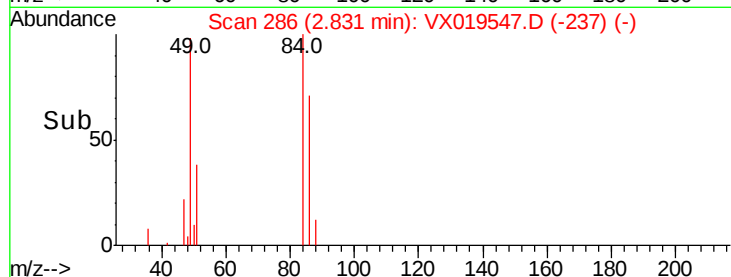
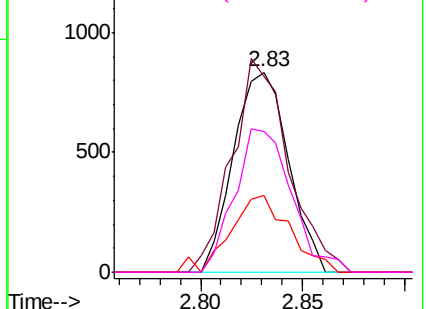


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.261 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX019547.D

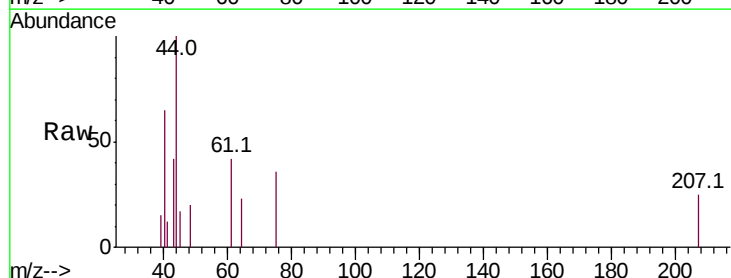
Acq: 23 Nov 2020 13:54

Tgt Ion: 43 Resp: 618

Ion Ratio Lower Upper

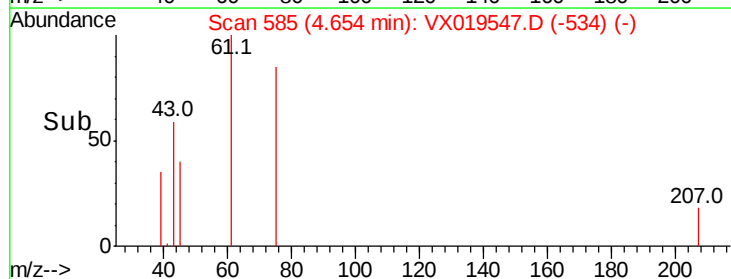
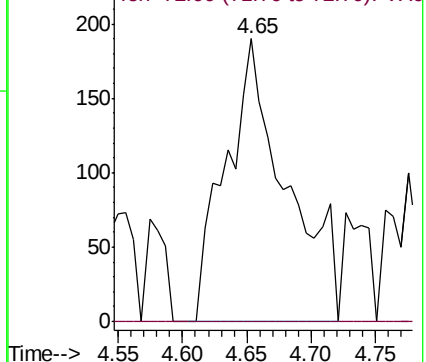
43 100

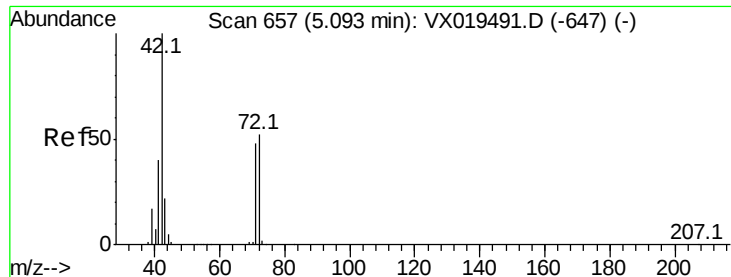
72 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.346 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX019547.D

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ClientSampleID :

FD-111620DL

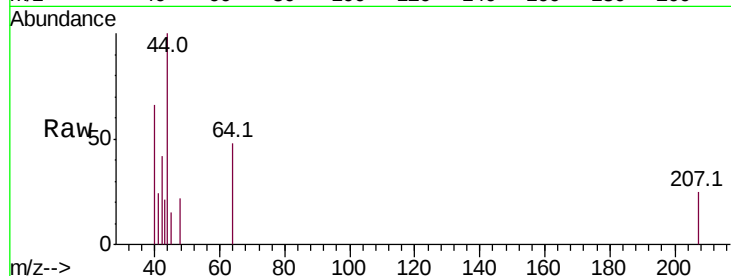
Tot Ion: 42 Resp: 523

Ion Ratio Lower Upper

42 100

72 0.0 42.6 63.8#

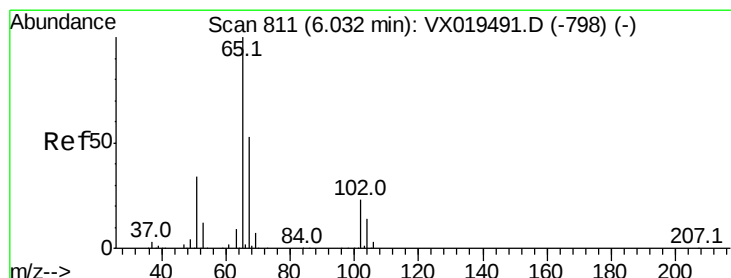
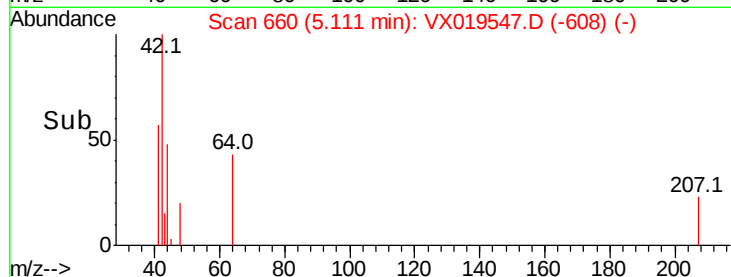
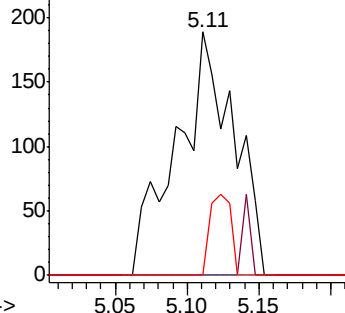
71 12.2 39.0 58.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.631 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019547.D

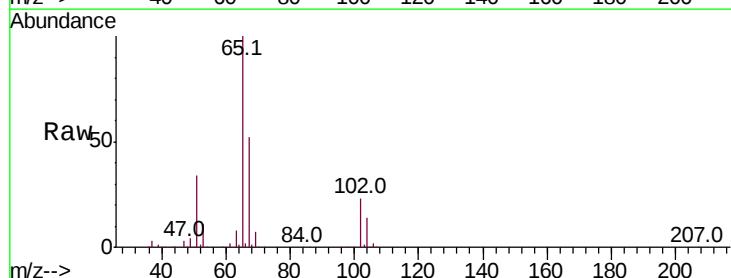
Acq: 23 Nov 2020 13:54

Tgt Ion: 65 Resp: 186052

Ion Ratio Lower Upper

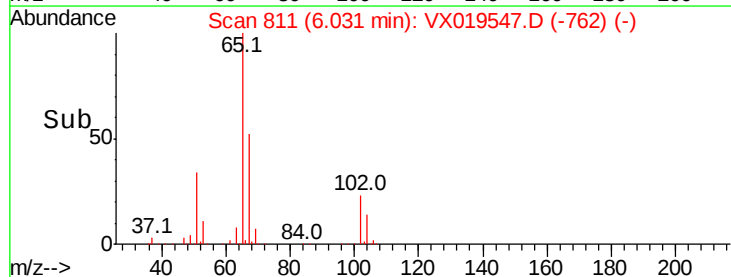
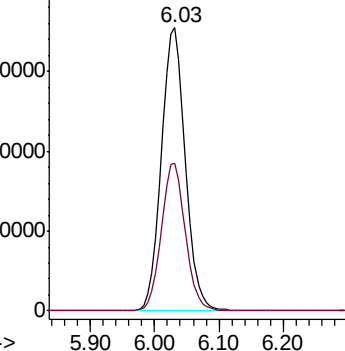
65 100

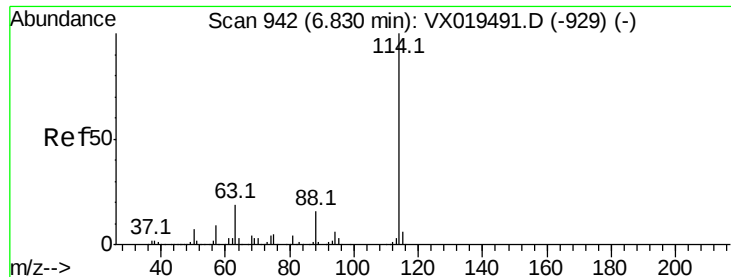
67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

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FD-111620DL

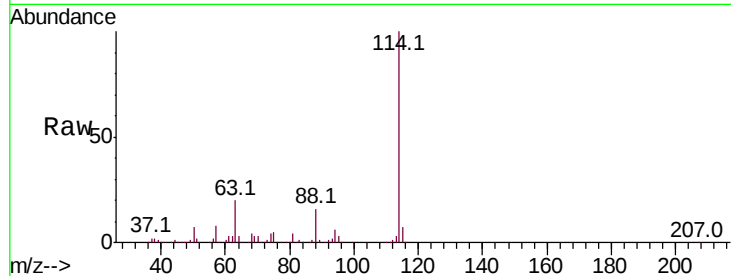
Tot Ion:114 Resp: 504480

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

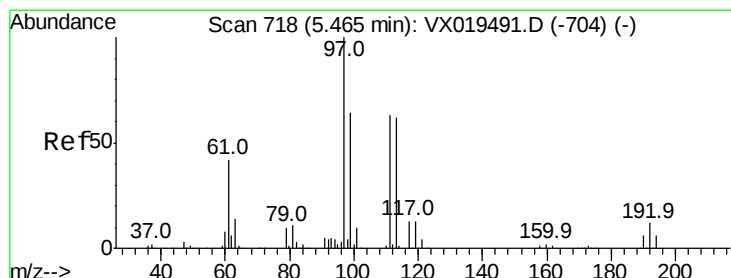
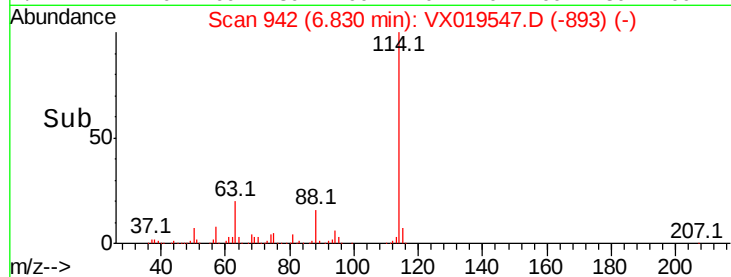
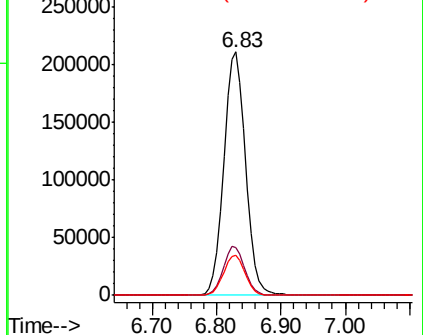
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.361 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

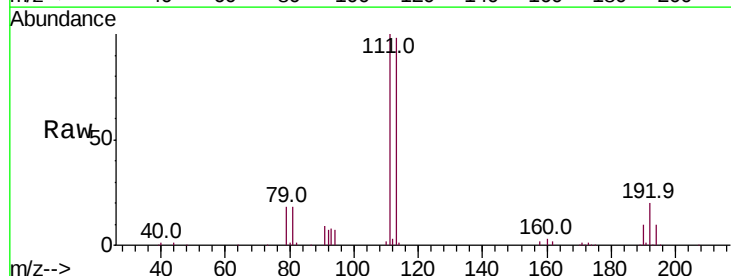
Tgt Ion:113 Resp: 149974

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

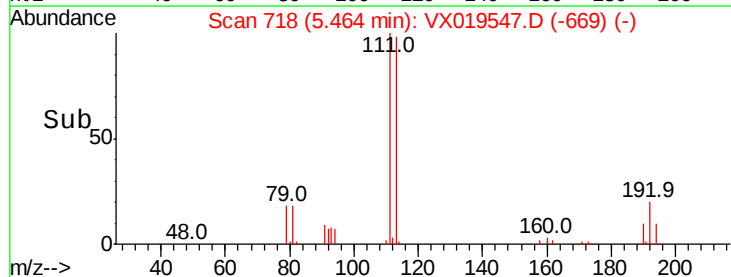
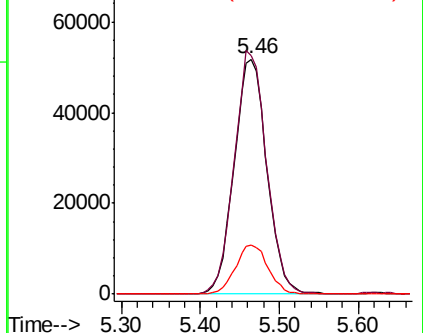
192 20.8 16.2 24.2

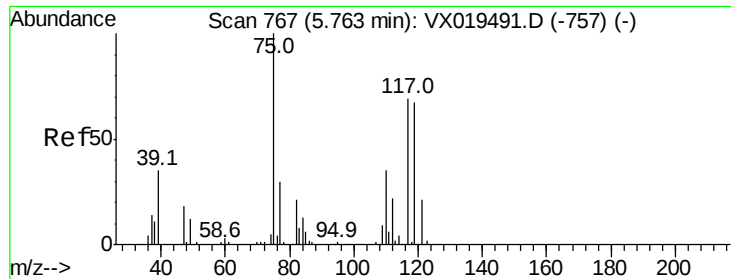


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.15 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleID :

FD-111620DL

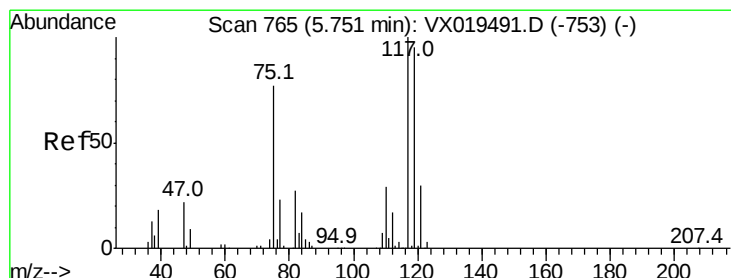
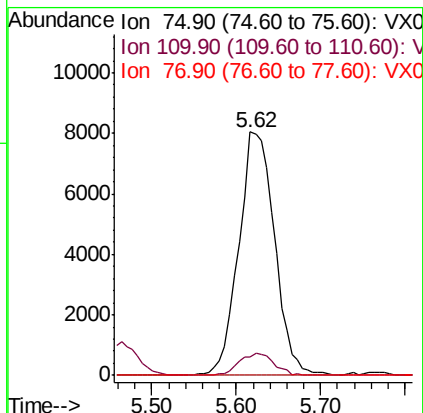
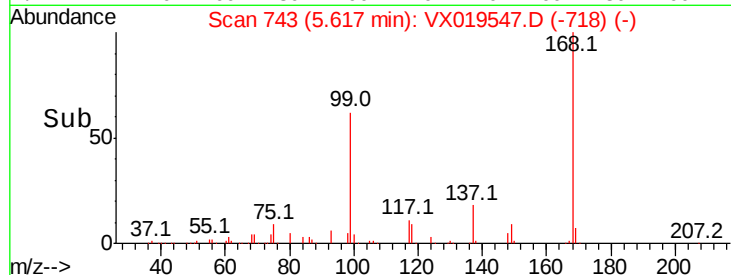
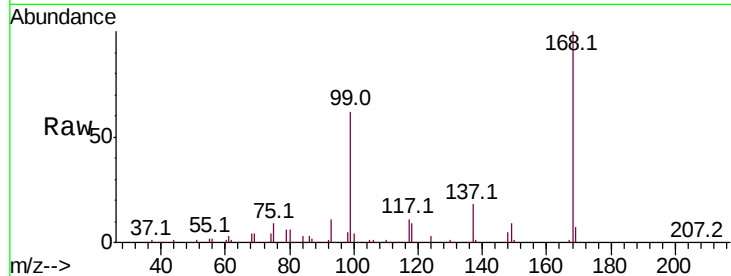
Tot Ion: 75 Resp: 23184

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.842 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

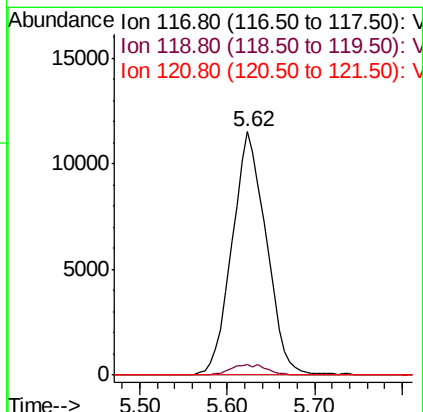
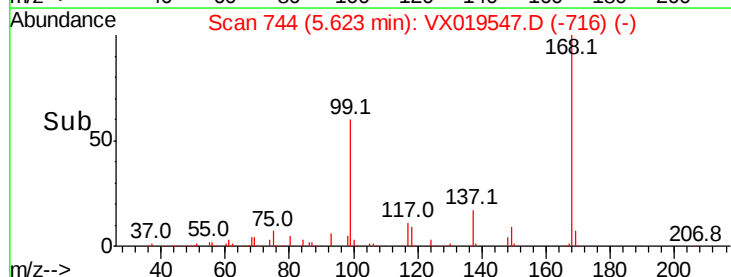
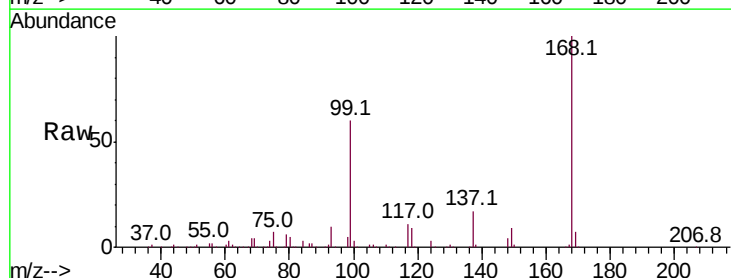
Tgt Ion: 117 Resp: 31321

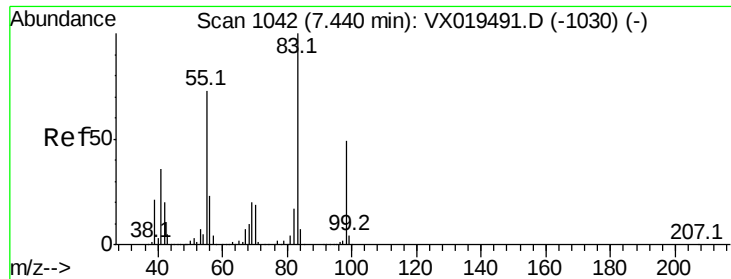
Ion Ratio Lower Upper

117 100

119 4.2 75.9 113.9#

121 0.0 24.0 36.0#

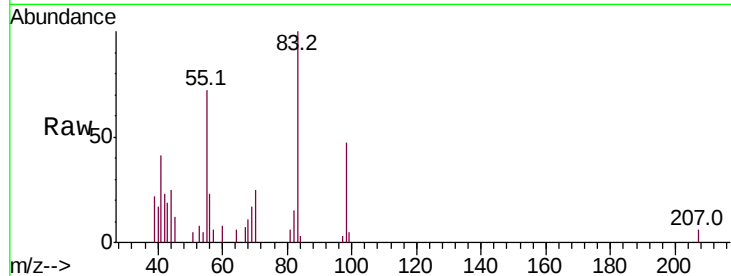




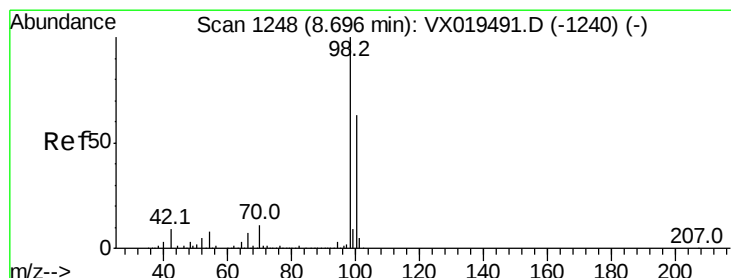
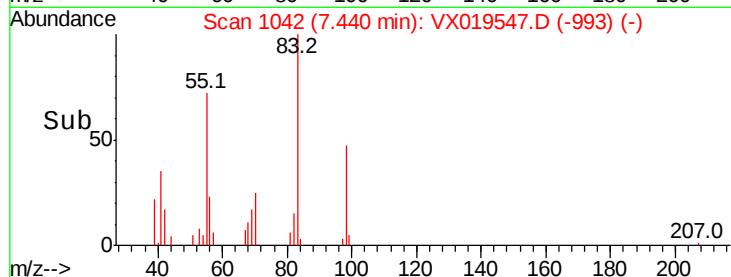
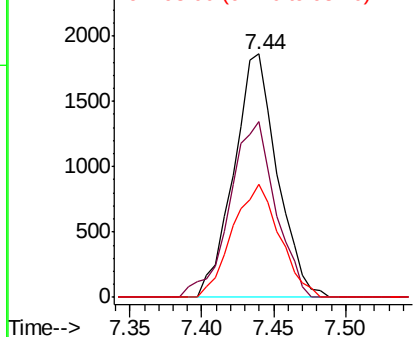
#39
Methvlcvclohexane
Concen: 0.708 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :
FD-111620DL

Tot Ion	83	Resp	3900
Ion	Ratio	Lower	Upper
83	100		
55	72.4	58.3	87.5
98	46.6	38.9	58.3

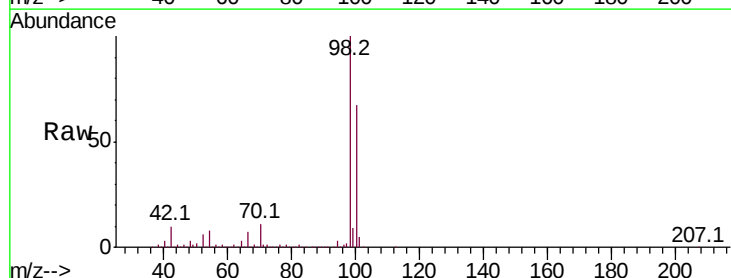


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

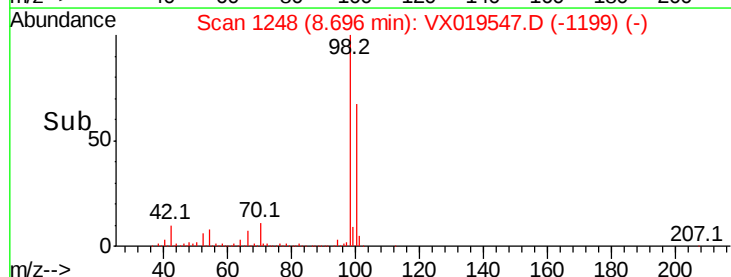
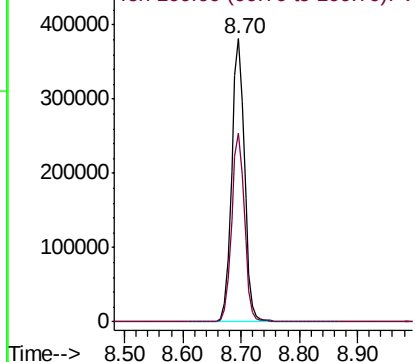


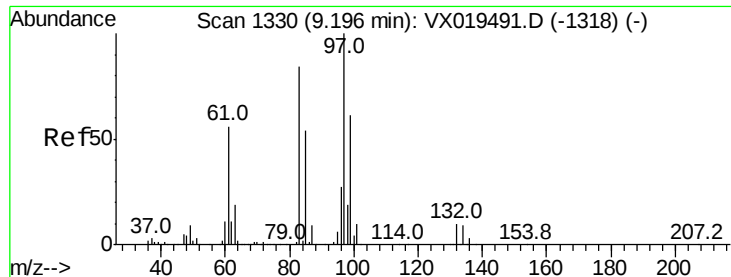
#50
Toluene-d8
Concen: 47.763 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion	98	Resp	587733
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.666 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

FD-111620DL

Tot Ion: 97 Resp: 2412

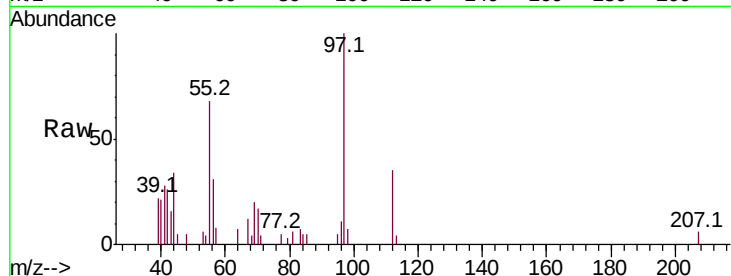
Ion Ratio Lower Upper

97 100

83 7.0 67.0 100.6#

85 4.9 43.4 65.0#

99 0.0 49.0 73.4#

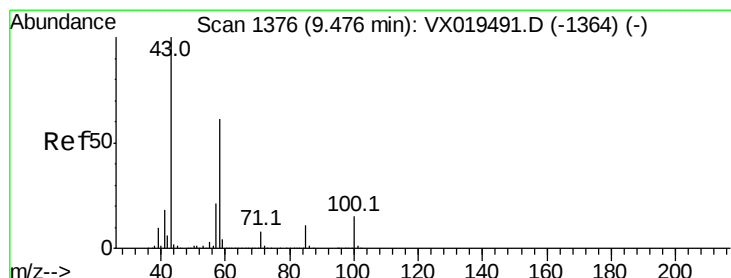
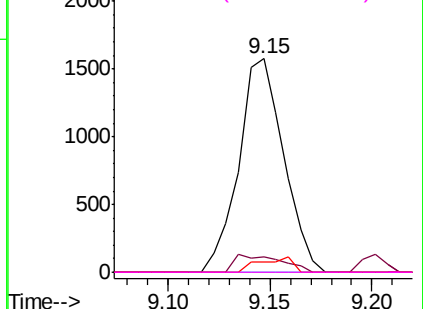
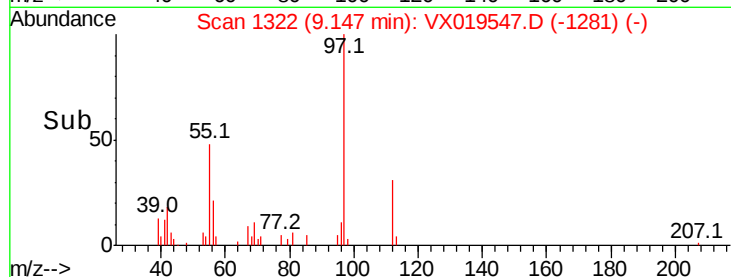


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#59

2-Hexanone

Concen: 0.462 ug/l

RT: 9.42 min Scan# 1367

Delta R.T. -0.05 min

Lab File: VX019547.D

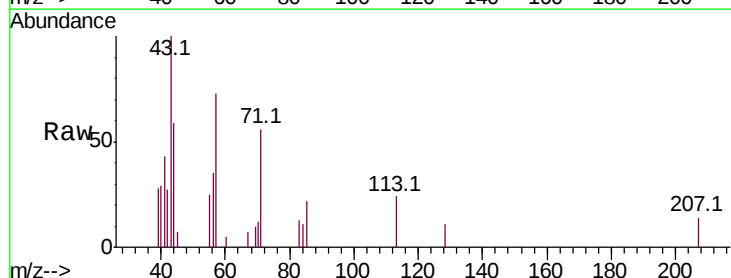
Acq: 23 Nov 2020 13:54

Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

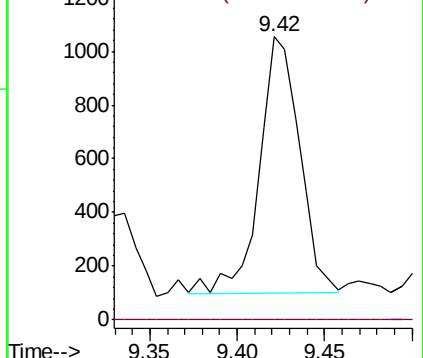
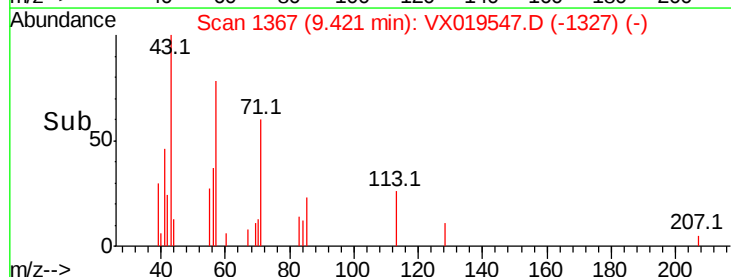
43 100

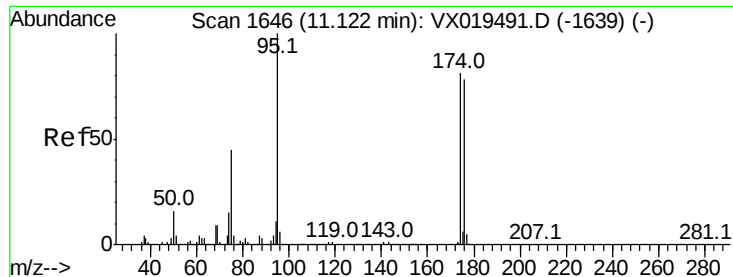
58 0.0 30.6 91.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.457 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

FD-111620DL

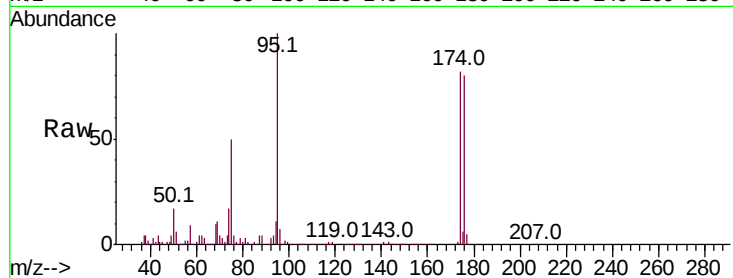
Tot Ion: 95 Resp: 205678

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.2

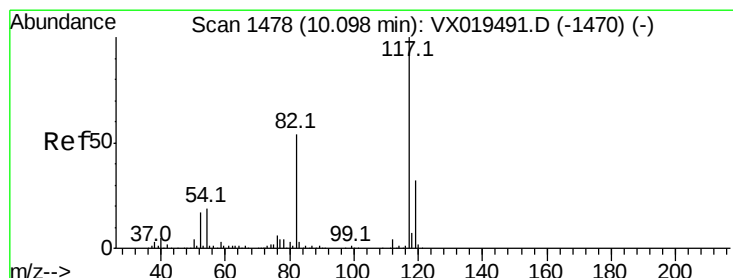
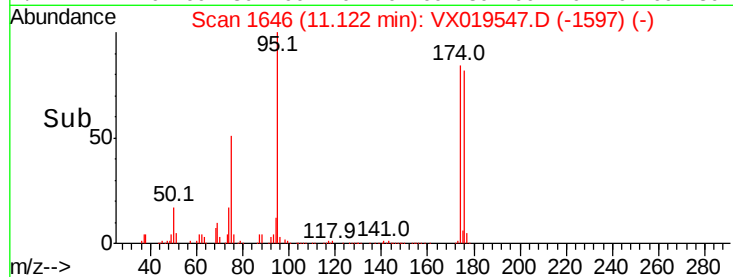
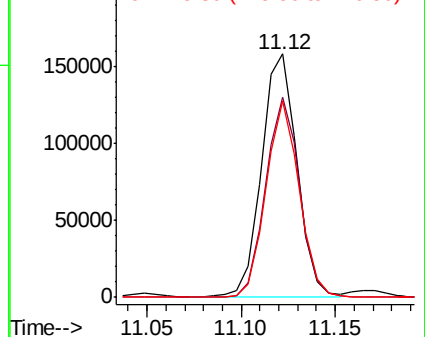
176 75.9 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

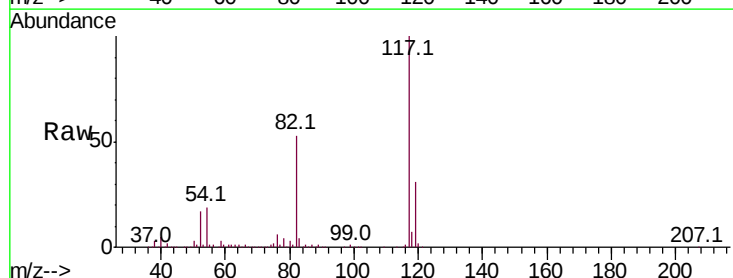
Tgt Ion: 117 Resp: 433623

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

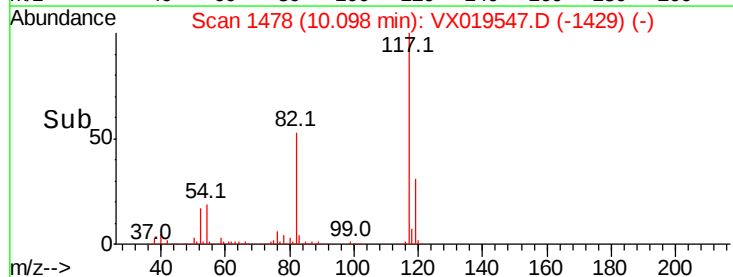
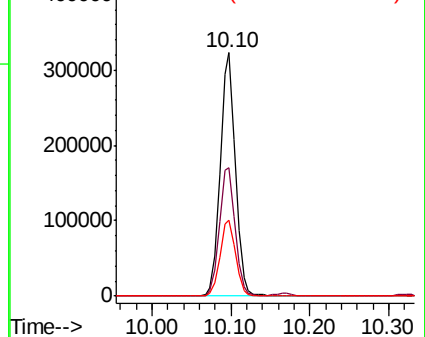
119 31.1 25.6 38.4

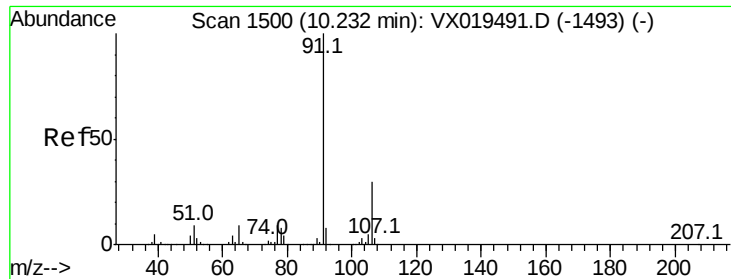


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

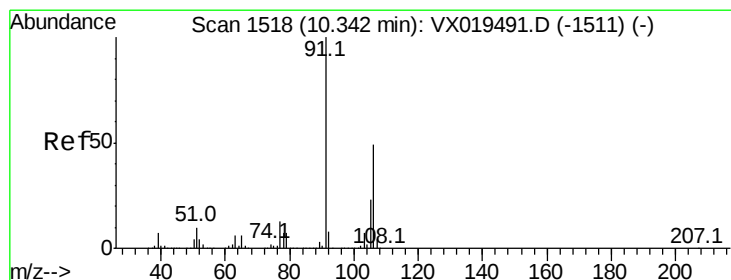
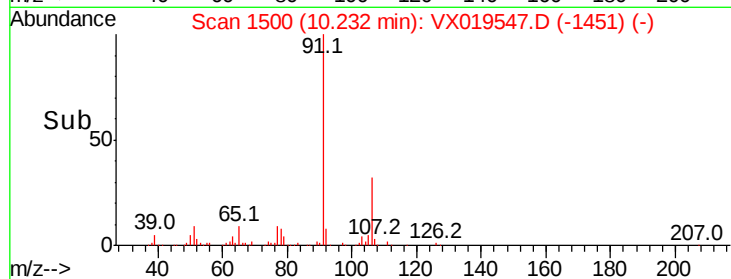
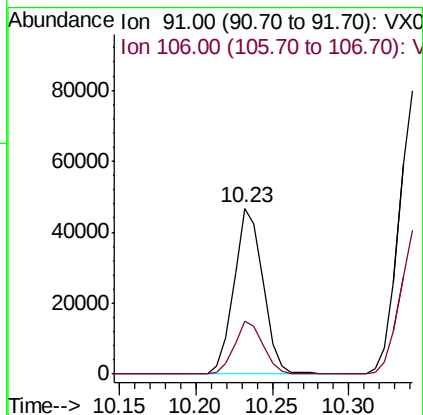
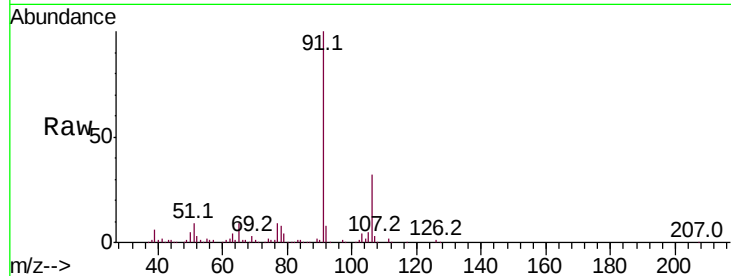




#67
Ethyl Benzene
Concen: 3.935 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

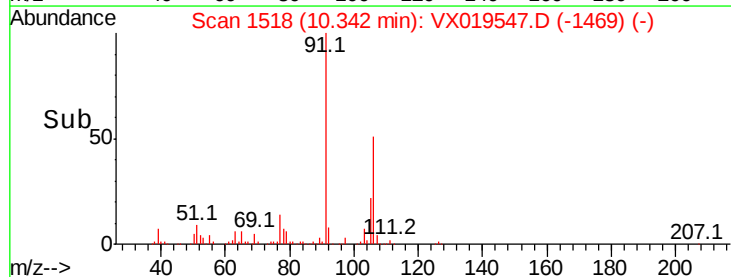
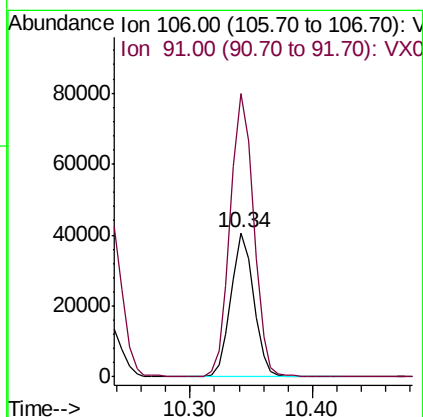
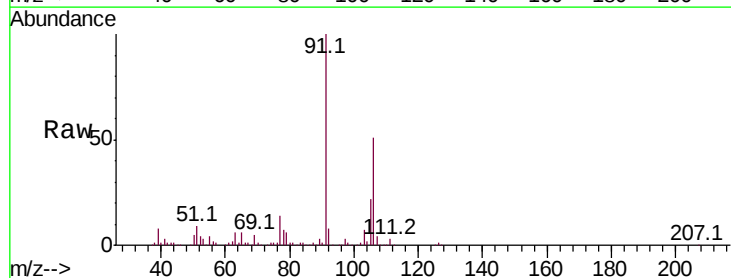
Instrument :
MSVOA_X
ClientSampled :
FD-111620DL

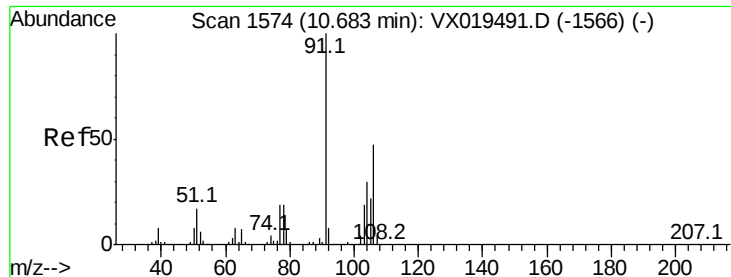
Tot Ion: 91 Resp: 61454
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



#68
m/p-Xylenes
Concen: 9.003 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion: 106 Resp: 52388
Ion Ratio Lower Upper
106 100
91 203.5 163.3 244.9

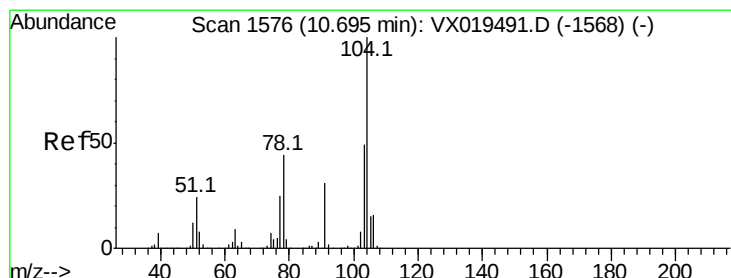
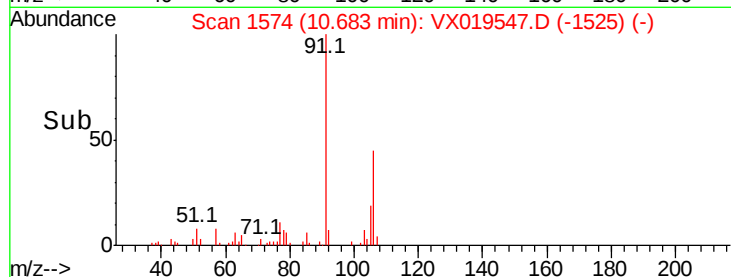
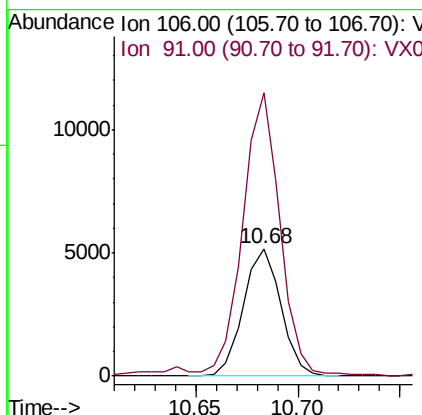
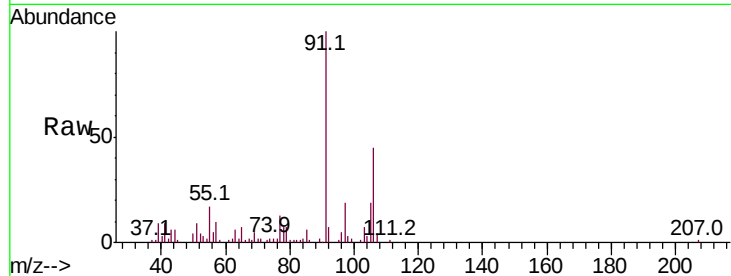




#69
o-Xylene
Concen: 1.192 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

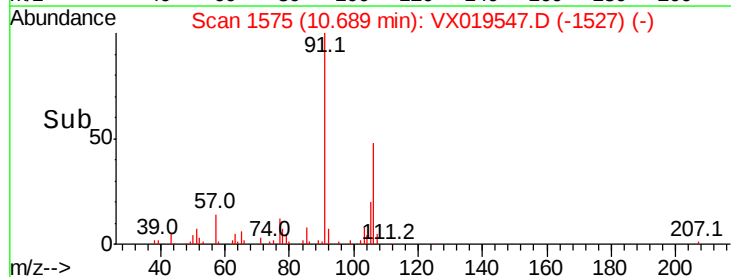
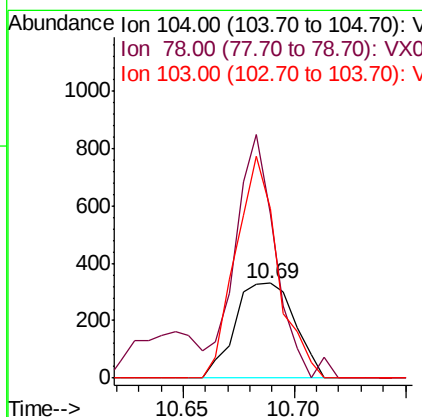
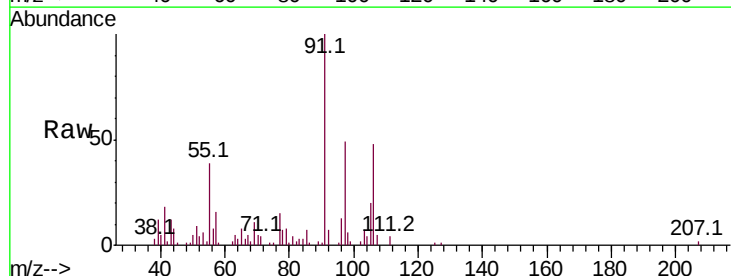
Instrument :
MSVOA_X
ClientSampled :
FD-111620DL

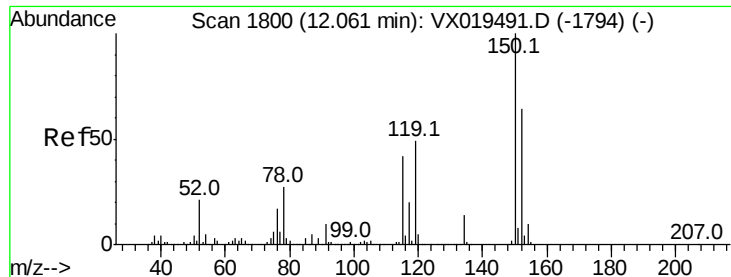
Tot Ion:106 Resp: 6628
Ion Ratio Lower Upper
106 100
91 220.4 108.0 324.0



#70
Styrene
Concen: 1.704 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion:104 Resp: 621
Ion Ratio Lower Upper
104 100
78 173.9 39.5 59.3#
103 164.1 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

FD-111620DL

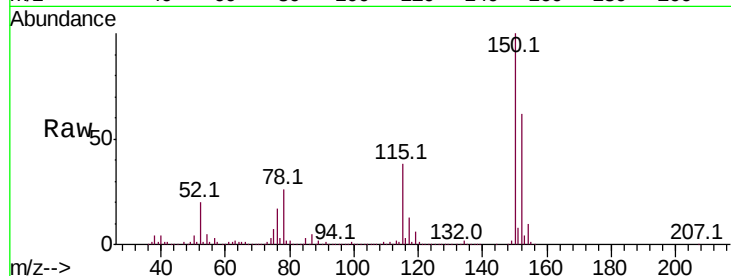
Tot Ion:152 Resp: 192702

Ion Ratio Lower Upper

152 100

115 63.0 41.8 125.4

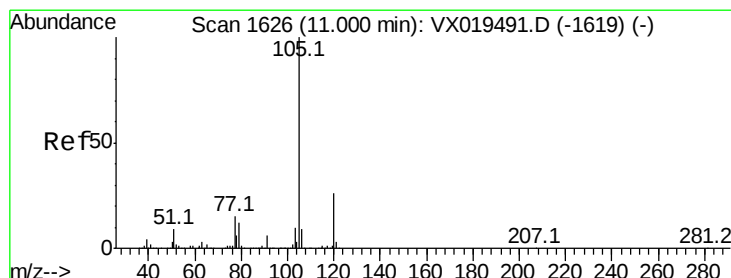
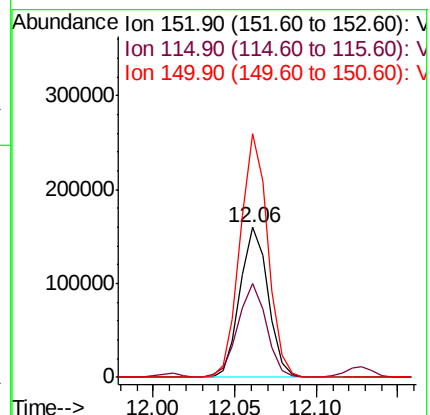
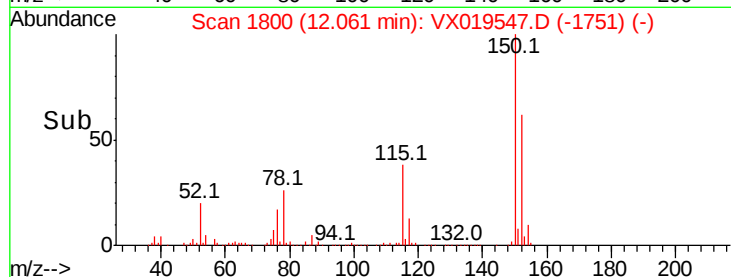
150 159.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 15.083 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019547.D

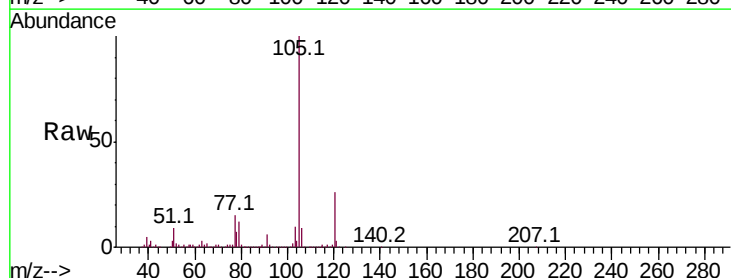
Acq: 23 Nov 2020 13:54

Tgt Ion:105 Resp: 201073

Ion Ratio Lower Upper

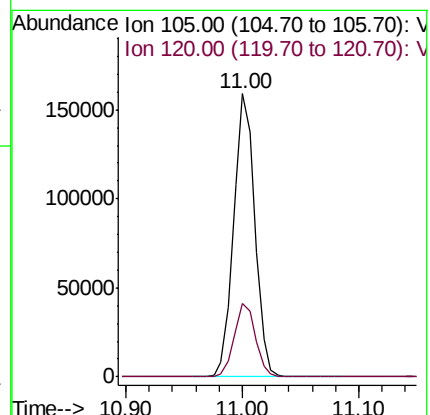
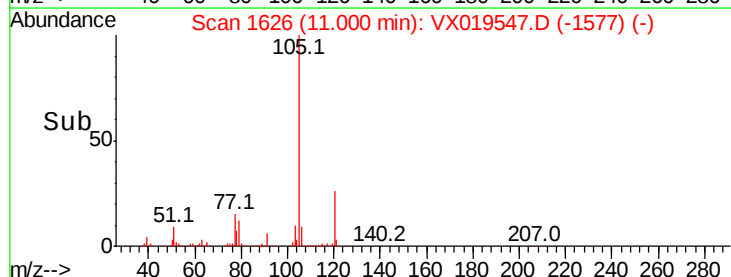
105 100

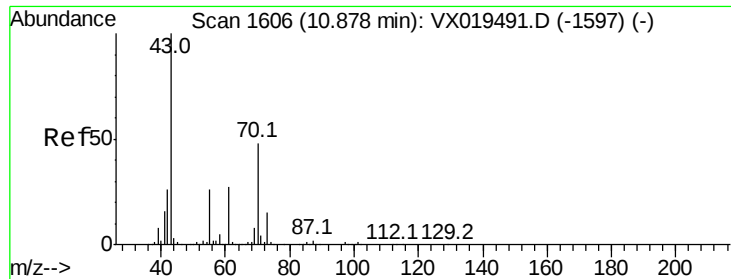
120 26.1 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.386 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

FD-111620DL

Tot Ion: 43 Resp: 6923

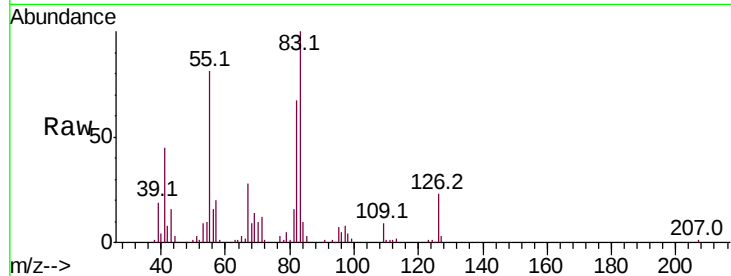
Ion Ratio Lower Upper

43 100

70 88.4 39.7 59.5#

55 465.8 21.8 32.6#

61 0.0 22.2 33.4#

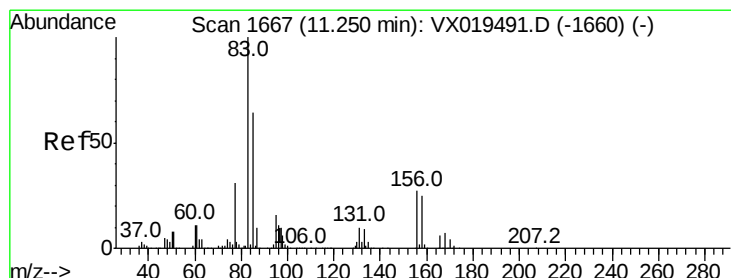
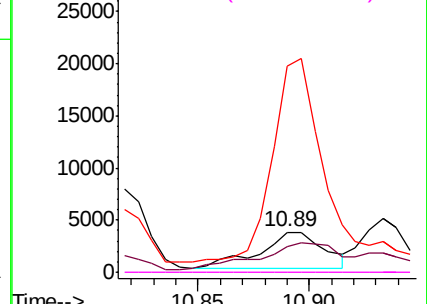
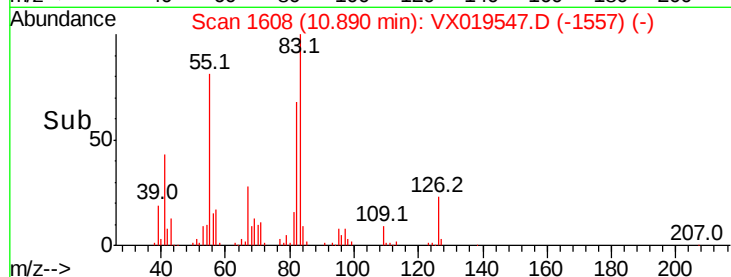


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.094 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

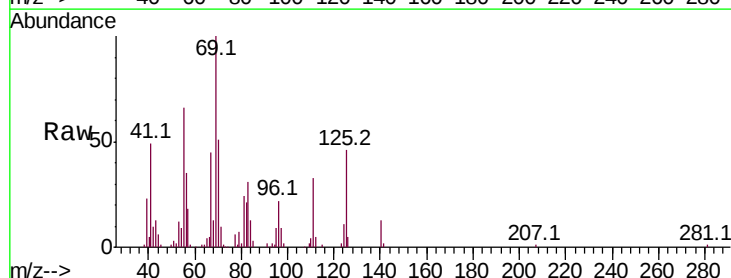
Tgt Ion: 83 Resp: 5216

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

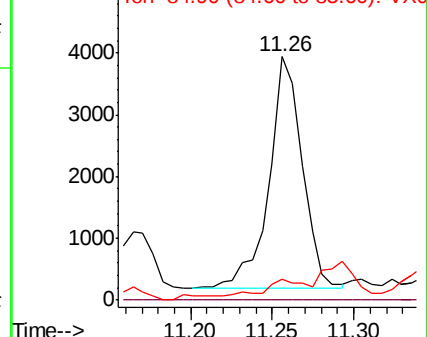
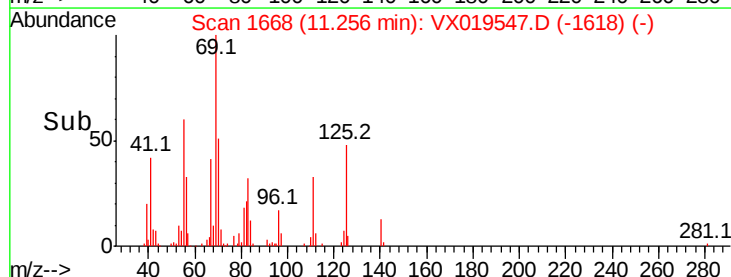
85 8.3 32.4 97.2#

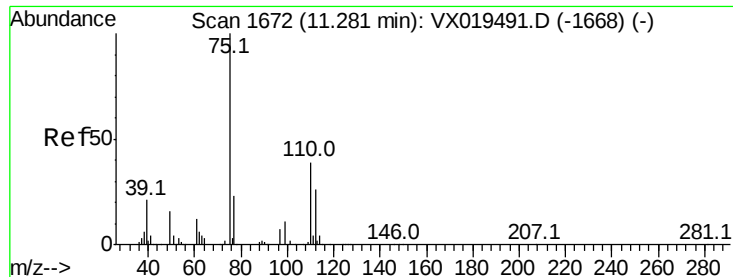


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 24.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

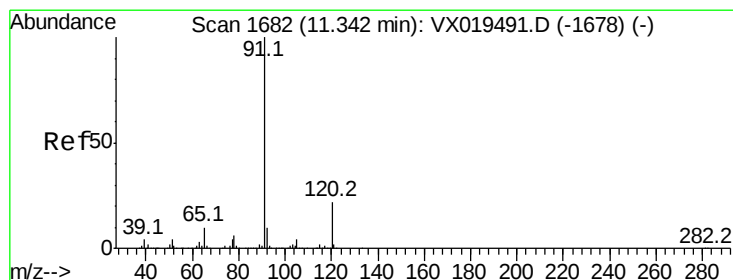
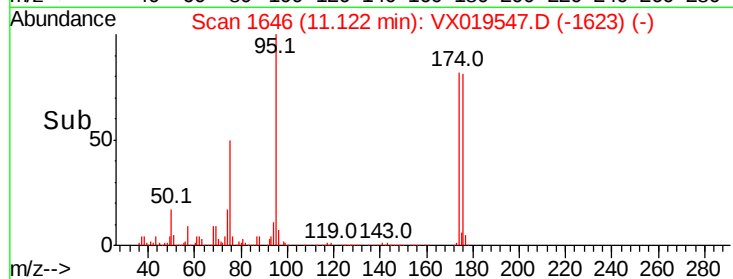
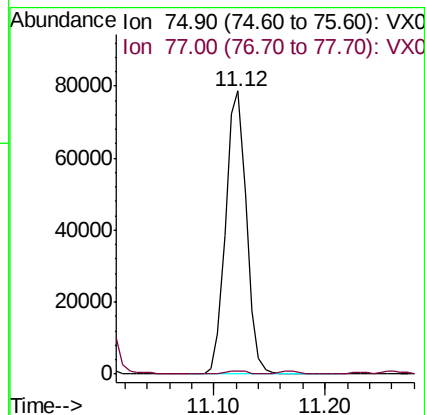
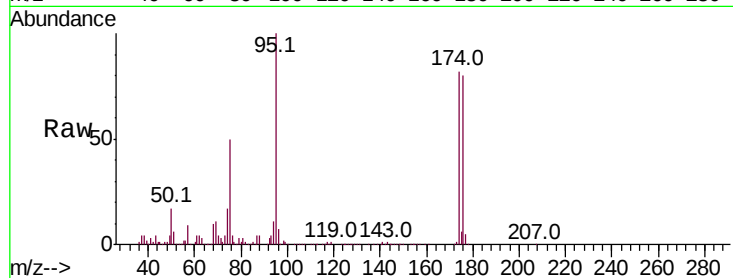
FD-111620DL

Tot Ion: 75 Resp: 101539

Ion Ratio Lower Upper

75 100

77 1.3 20.0 60.0#



#78

n-propylbenzene

Concen: 25.070 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019547.D

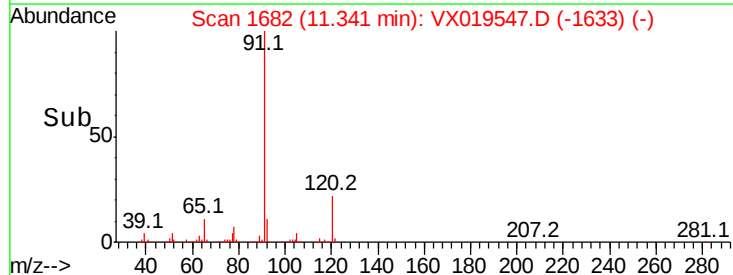
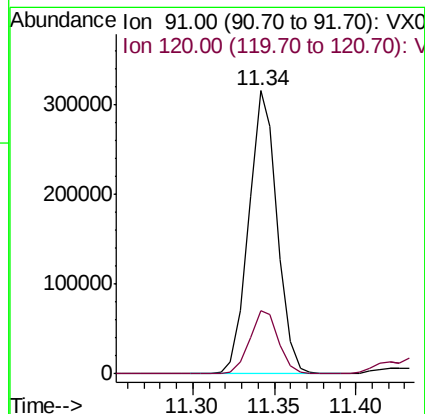
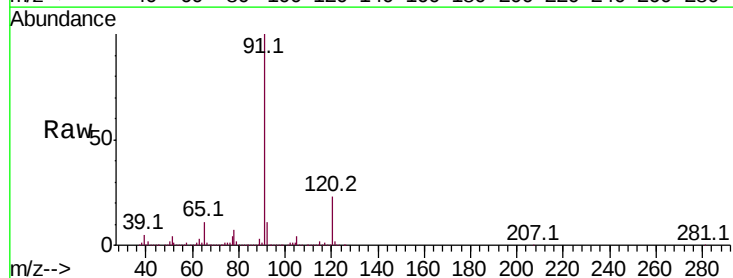
Acq: 23 Nov 2020 13:54

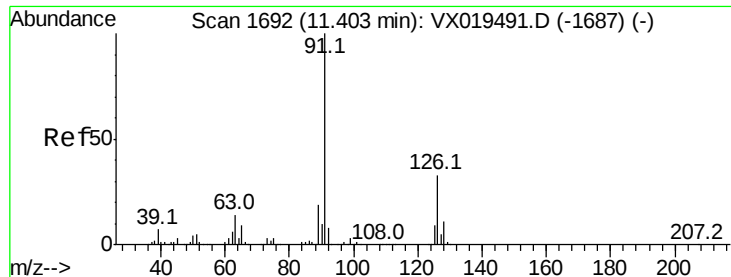
Tgt Ion: 91 Resp: 383396

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.704 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampled :

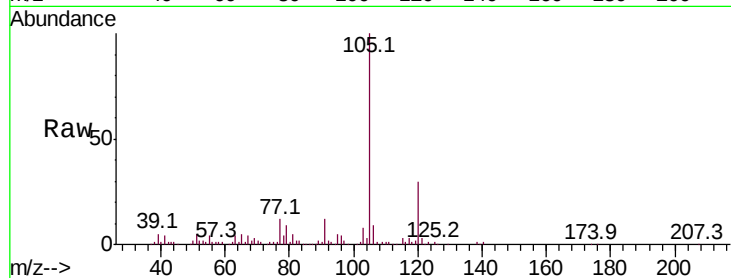
FD-111620DL

Tot Ion: 91 Resp: 15807

Ion Ratio Lower Upper

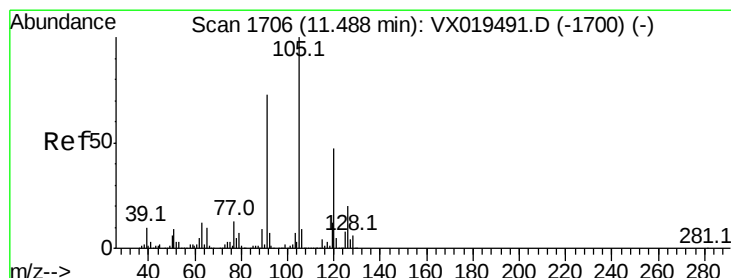
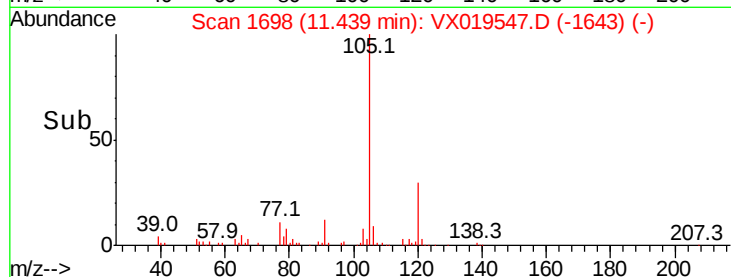
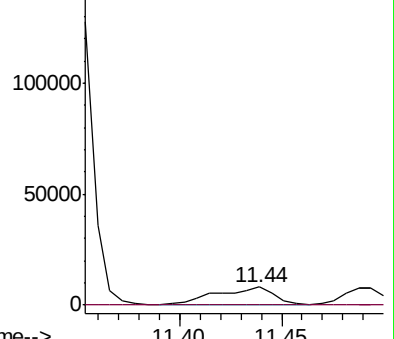
91 100

126 0.7 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 8.193 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019547.D

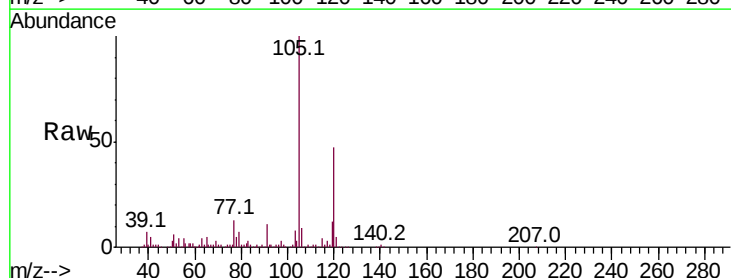
Acq: 23 Nov 2020 13:54

Tgt Ion:105 Resp: 91619

Ion Ratio Lower Upper

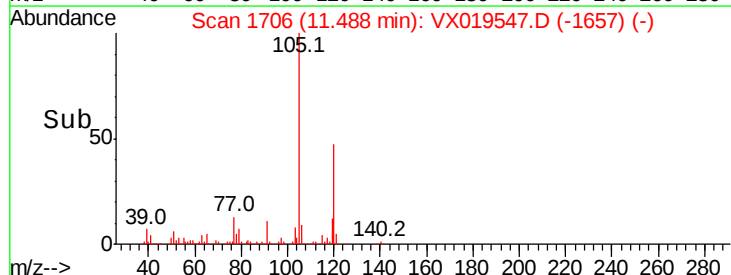
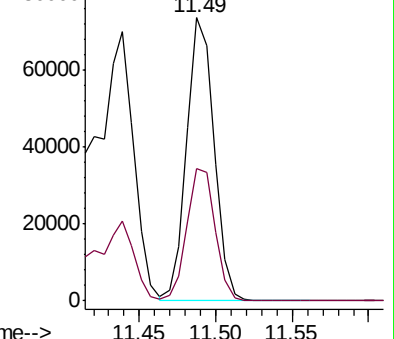
105 100

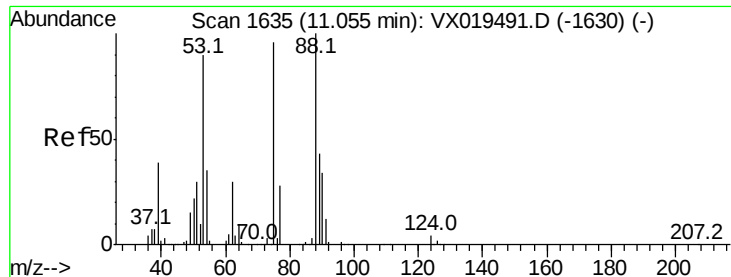
120 48.2 24.1 72.3



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: 63.925 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019547.D

Acq: 23 Nov 2020 13:54

Instrument :

MSVOA_X

ClientSampled :

FD-111620DL

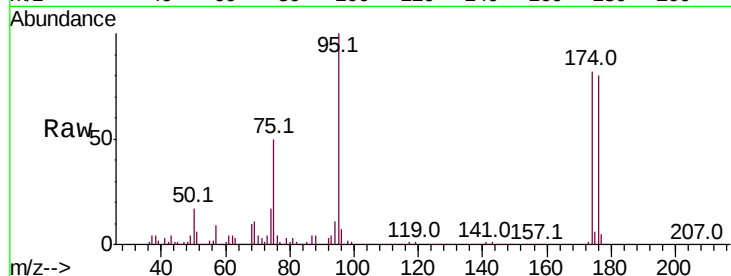
Tot Ion: 75 Resp: 101539

Ion Ratio Lower Upper

75 100

53 0.6 73.9 110.9#

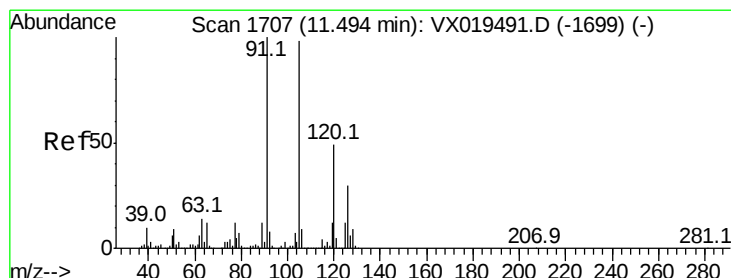
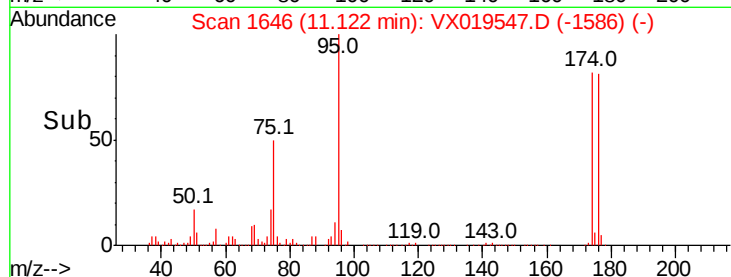
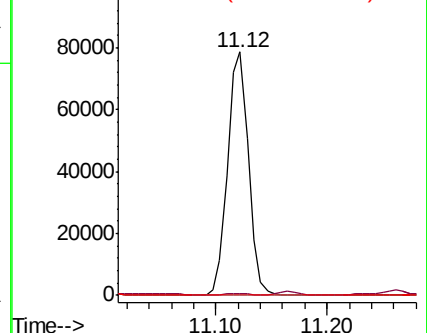
89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.448 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. -0.05 min

Lab File: VX019547.D

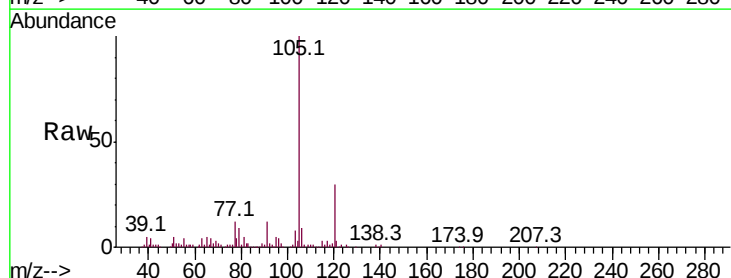
Acq: 23 Nov 2020 13:54

Tgt Ion: 91 Resp: 15807

Ion Ratio Lower Upper

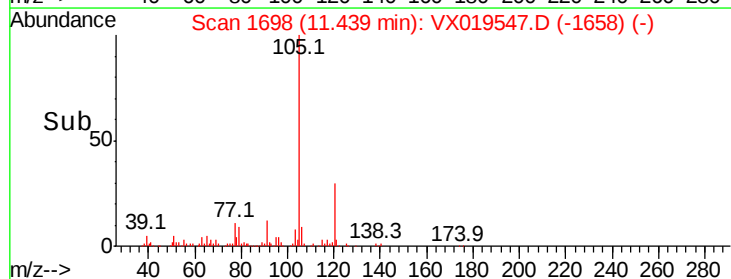
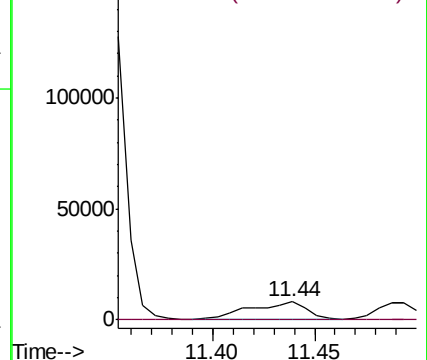
91 100

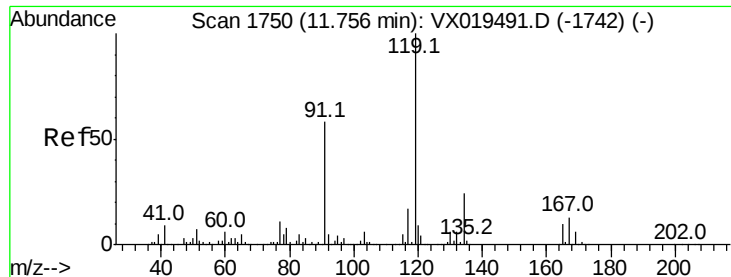
126 0.7 14.9 44.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

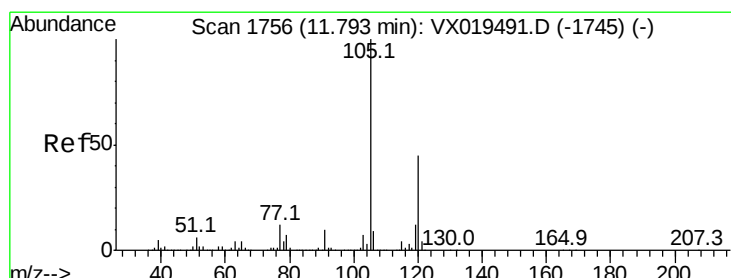
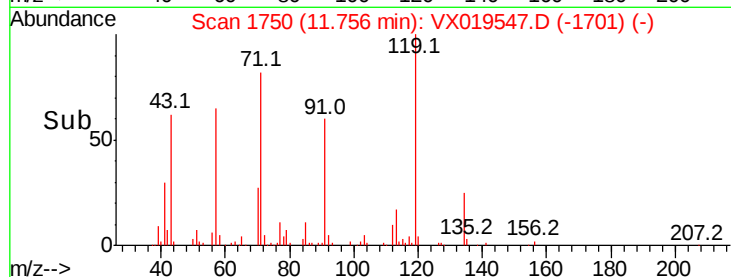
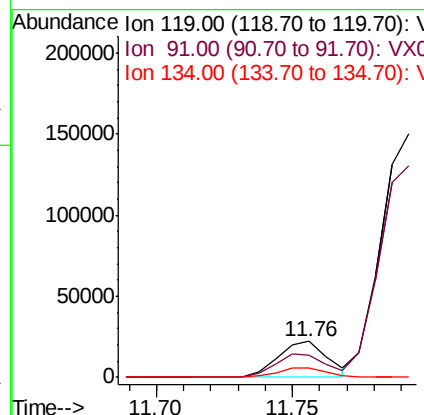
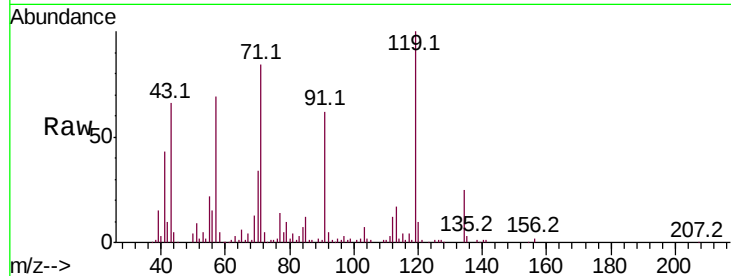




#83
tert-Butylbenzene
Concen: 2.598 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

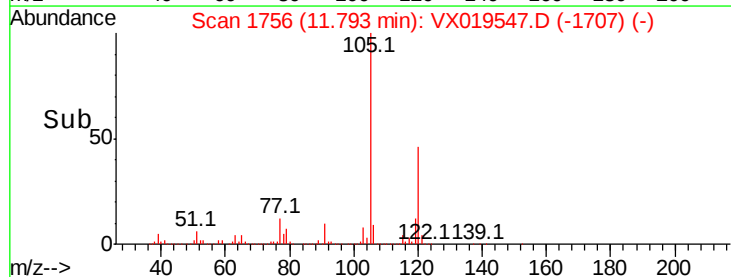
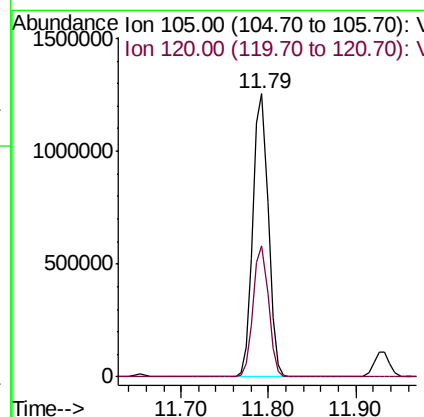
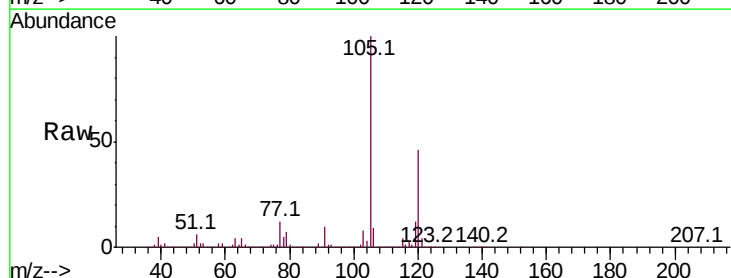
Instrument :
MSVOA_X
ClientSampleID :
FD-111620DL

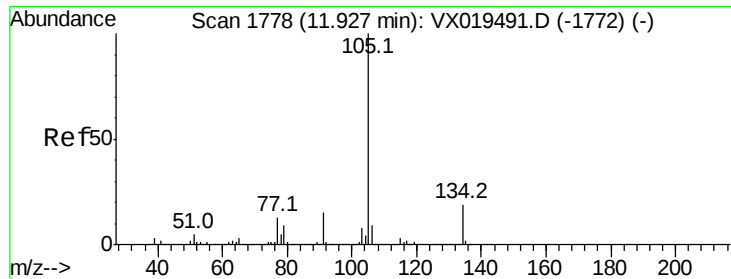
Tot Ion:119 Resp: 28105
Ion Ratio Lower Upper
119 100
91 66.6 28.9 86.8
134 25.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 134.550 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion:105 Resp: 1522417
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6

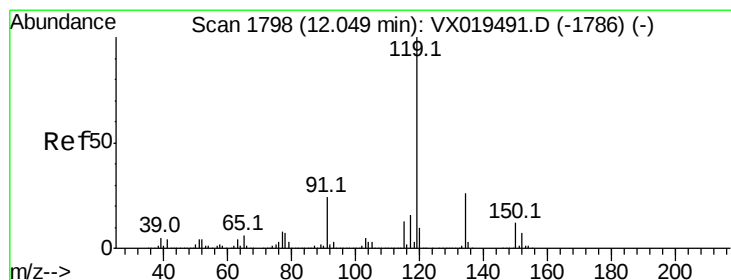
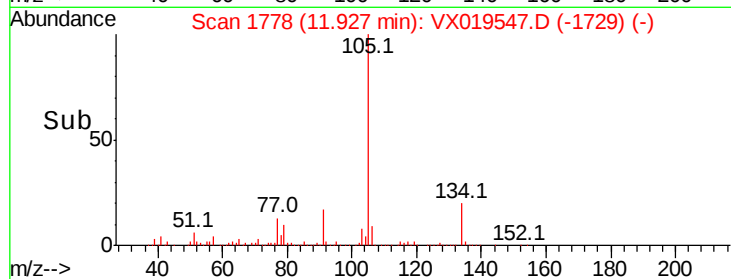
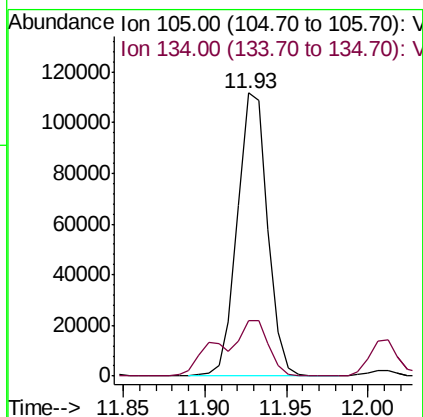
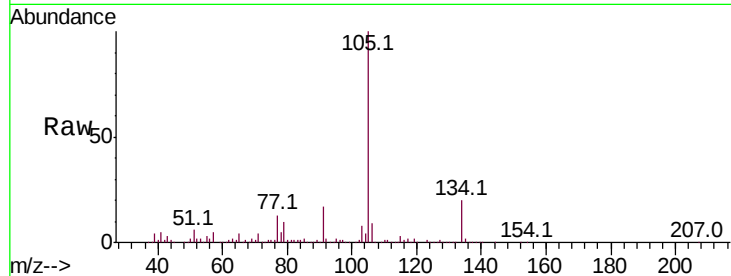




#85
 sec-Butylbenzene
 Concen: 11.150 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019547.D
 Acq: 23 Nov 2020 13:54

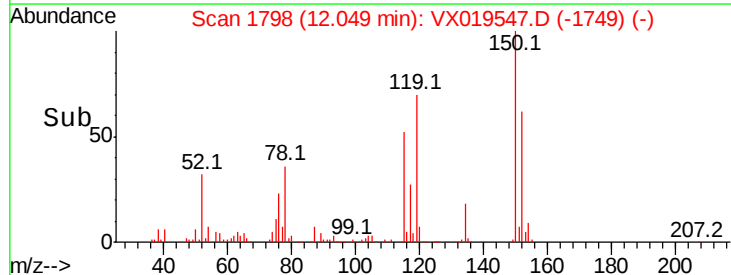
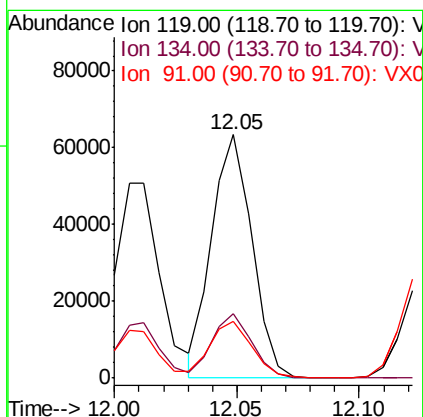
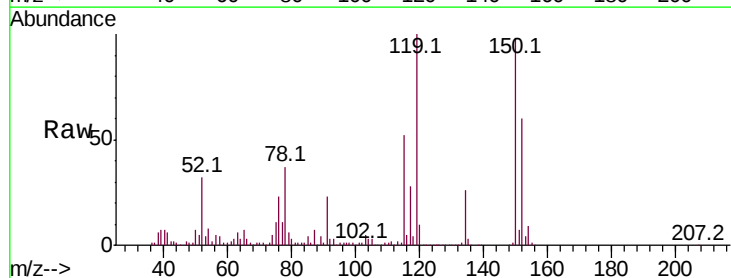
Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111620DL

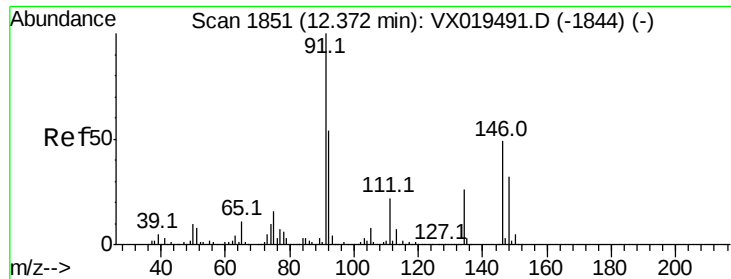
Tot Ion:105 Resp: 143515
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 6.197 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019547.D
 Acq: 23 Nov 2020 13:54

Tgt Ion:119 Resp: 72420
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 11.8 35.4

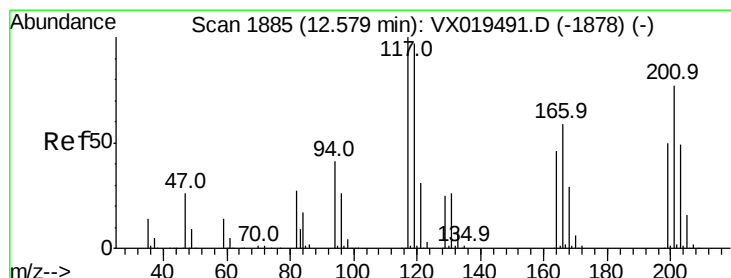
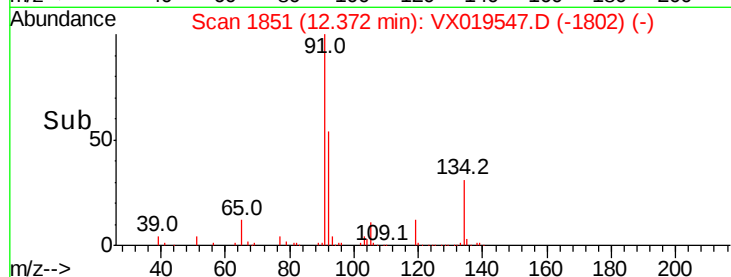
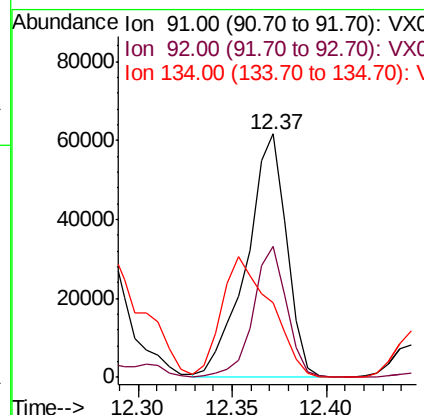
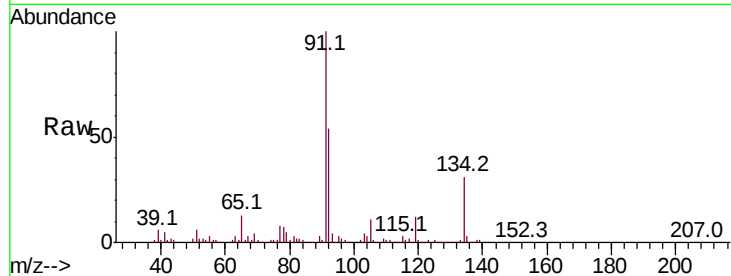




#89
n-Butylbenzene
Concen: 8.553 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

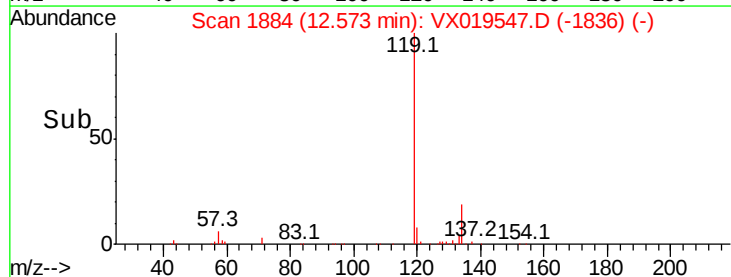
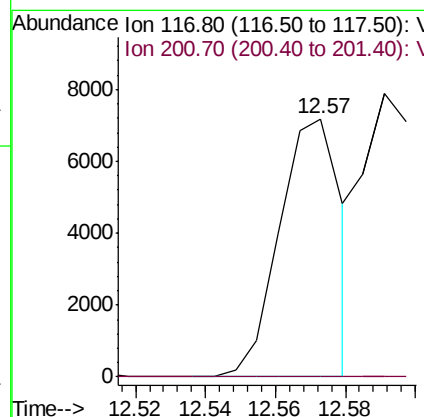
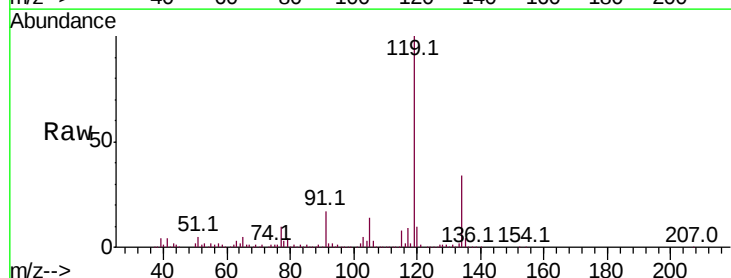
Instrument :
MSVOA_X
ClientSampled :
FD-111620DL

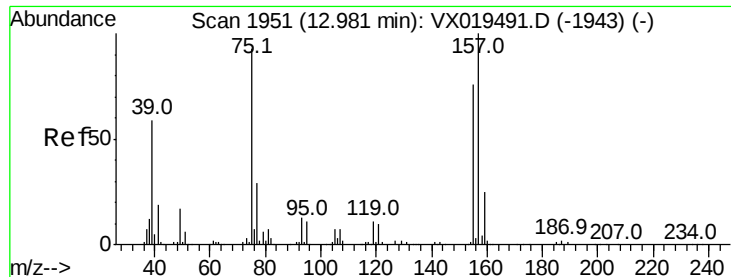
Tot Ion: 91 Resp: 90356
Ion Ratio Lower Upper
91 100
92 45.4 26.9 80.6
134 61.4 12.9 38.6#



#90
Hexachloroethane
Concen: 4.504 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019547.D
Acq: 23 Nov 2020 13:54

Tgt Ion: 117 Resp: 8808
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.2#

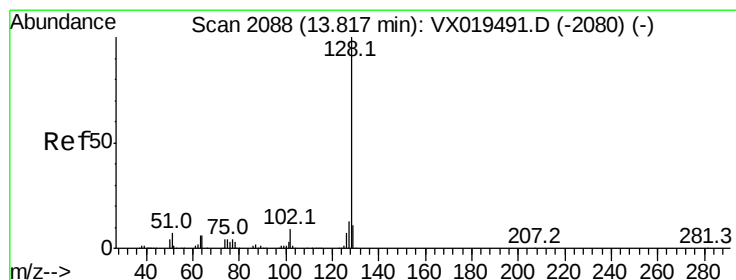
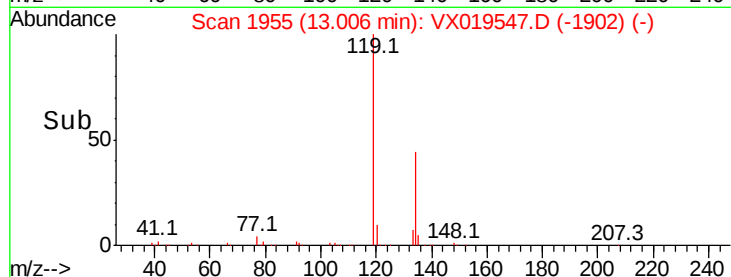
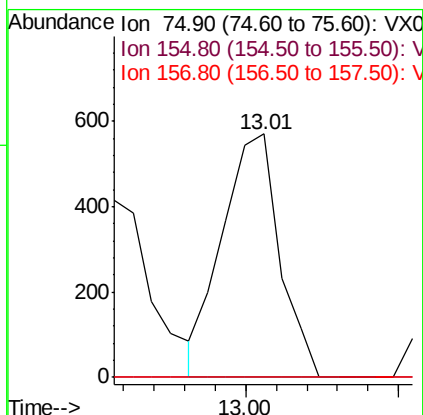
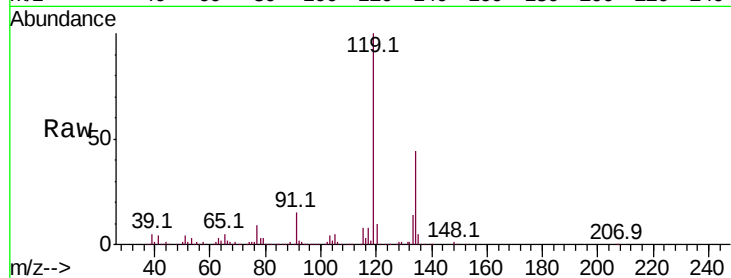




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.763 ug/l
 RT: 13.01 min Scan# 1955
 Delta R.T. 0.02 min
 Lab File: VX019547.D
 Acq: 23 Nov 2020 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111620DL

Tot Ion: 75 Resp: 742
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.9#
 157 0.0 57.0 170.8#



#95
 Naphthalene
 Concen: 2.663 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX019547.D
 Acq: 23 Nov 2020 13:54

Tgt Ion: 128 Resp: 7209
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.3 15.5
 129 17.1 8.7 13.1#

