

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
 Data File : VX013532.D
 Acq On : 22 Nov 2019 14:49
 Operator : JC/SP
 Sample : K5958-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111919DL

Quant Time: Nov 22 15:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	684141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1114323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1005094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466531	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	407352	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.49	113	334090	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1340591	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	462343	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds					Qvalue	
3) Chloromethane	1.31	50	1808	0.212	ug/l #	74
6) Chloroethane	1.66	64	1352	Below Cal	#	48
11) Tert butyl alcohol	3.00	59	24585	11.508	ug/l #	82
13) Acrolein	2.30	56	363	0.314	ug/l #	80
16) Acetone	2.42	43	6217	1.538	ug/l #	88
20) Methylene Chloride	2.84	84	3498	0.468	ug/l #	89
25) 2-Butanone	4.67	43	2089	0.352	ug/l #	49
28) Bromochloromethane	5.01	49	1447	0.414	ug/l #	20
29) Tetrahydrofuran	5.12	42	1279	0.350	ug/l #	41
30) Chloroform	5.19	83	3769	0.310	ug/l #	80
31) Cyclohexane	5.64	56	14273	1.288	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	45525	4.762	ug/l #	52
38) Carbon Tetrachloride	5.65	117	59387	6.353	ug/l #	16
39) Methylcyclohexane	7.45	83	4270	0.358	ug/l #	81
44) Trichloroethene	7.21	130	1824	0.223	ug/l	69
49) 1,4-Dioxane	7.73	88	214	1.018	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	6437	0.841	ug/l #	21
56) Ethyl methacrylate	9.16	69	1731	1.691	ug/l #	1
67) Ethyl Benzene	10.25	91	196085	5.583	ug/l	99
68) m/p-Xylenes	10.36	106	75834	5.710	ug/l	100
71) Bromoform	10.81	173	118	3.219	ug/l #	28
73) Isopropylbenzene	11.01	105	423272	13.684	ug/l	99
74) N-amyl acetate	10.90	43	13222	0.922	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	13136	1.164	ug/l #	36
76) 1,2,3-Trichloropropane	11.13	75	224799	23.723	ug/l #	33
78) n-propylbenzene	11.35	91	921572	26.746	ug/l	100
79) 2-Chlorotoluene	11.45	91	80411	3.873	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	582807	22.621	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	224799	61.063	ug/l #	10
82) 4-Chlorotoluene	11.50	91	59859	2.463	ug/l #	46
83) tert-Butylbenzene	11.76	119	52276	2.016	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	3117989	120.640	ug/l	98
85) sec-Butylbenzene	11.94	105	312276	10.476	ug/l	97
86) p-Isopropyltoluene	12.06	119	151457	5.518	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

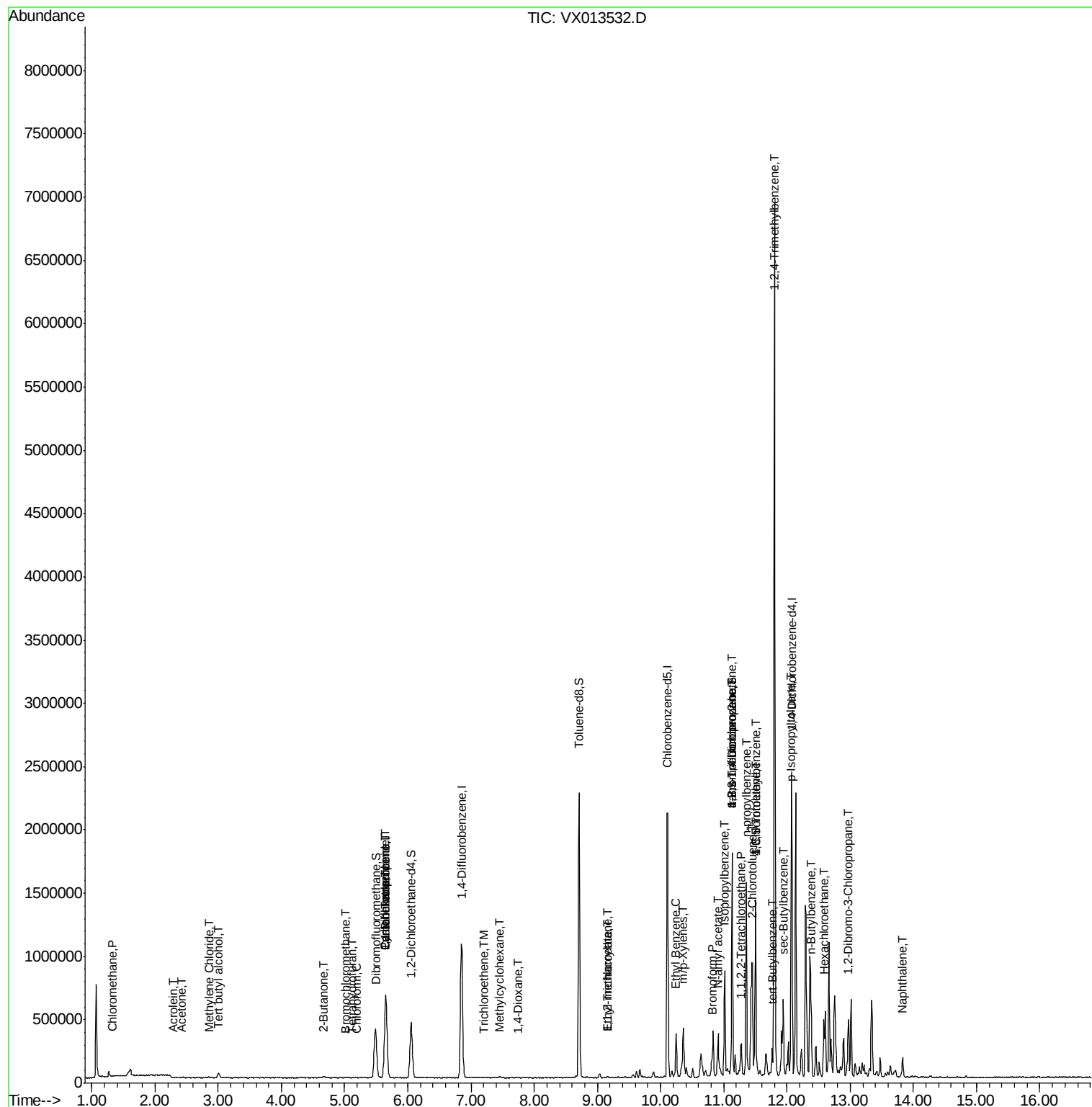
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	221107	9.232	ug/l #	59
90) Hexachloroethane	12.58	117	18493	3.782	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1856	0.675	ug/l #	5
95) Naphthalene	13.83	128	92627	2.881	ug/l	96

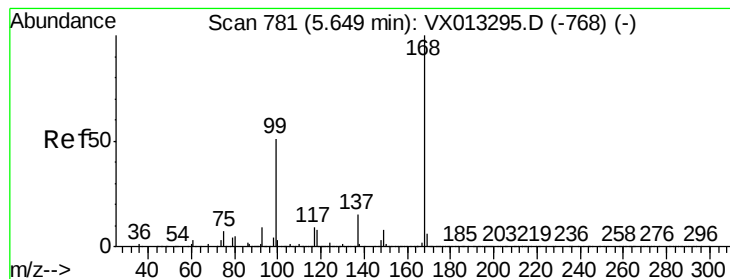
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampled :

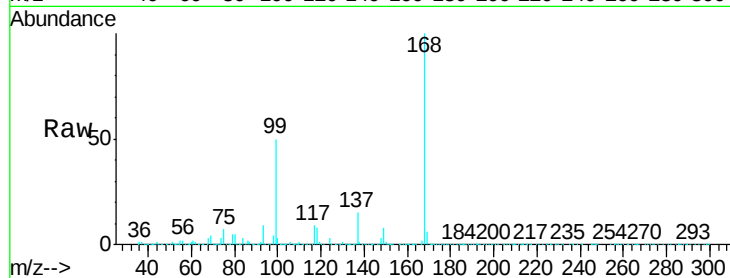
FD-111919DL

Tgt Ion:168 Resp: 684141

Ion Ratio Lower Upper

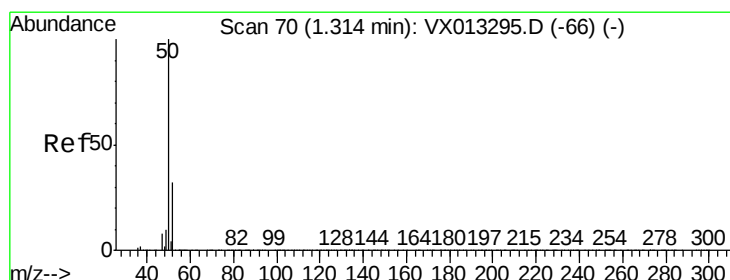
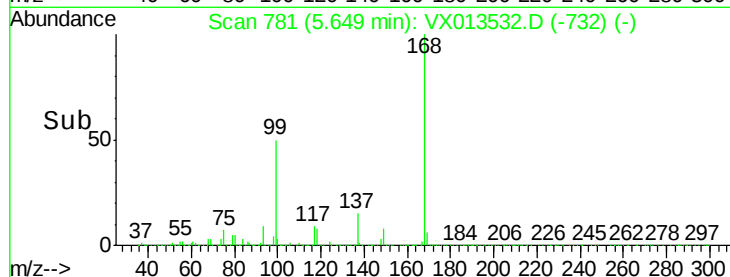
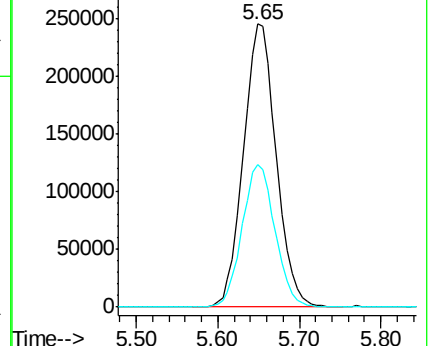
168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013532.D

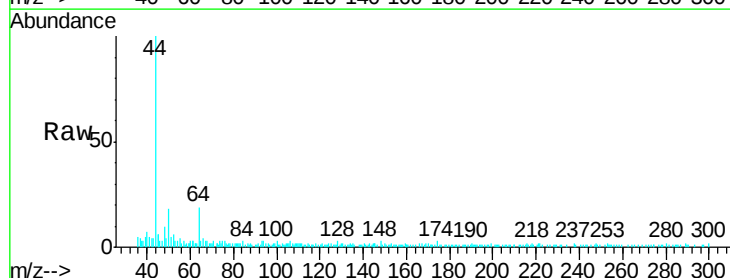
Acq: 22 Nov 2019 14:49

Tgt Ion: 50 Resp: 1808

Ion Ratio Lower Upper

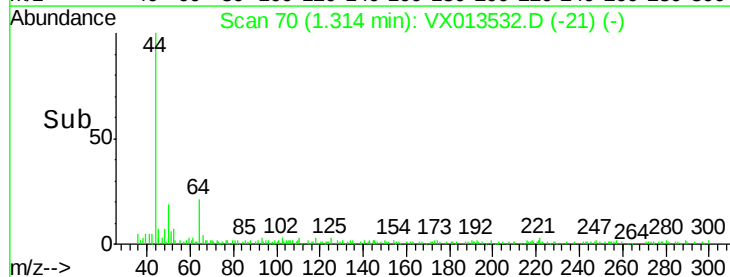
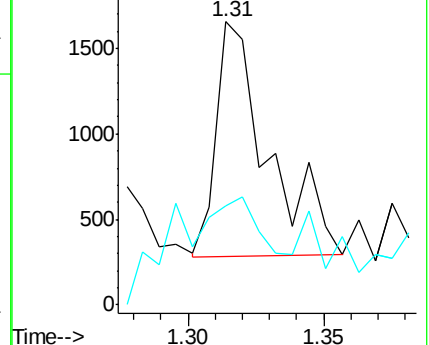
50 100

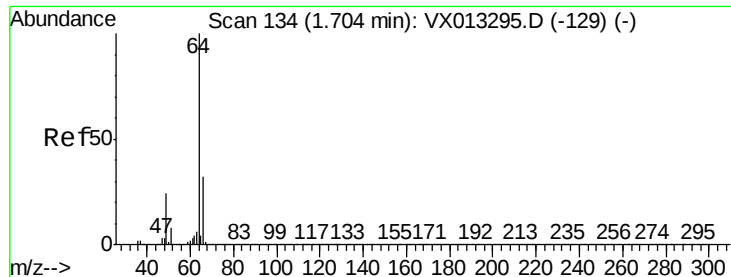
52 17.6 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 127

Delta R.T. -0.04 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

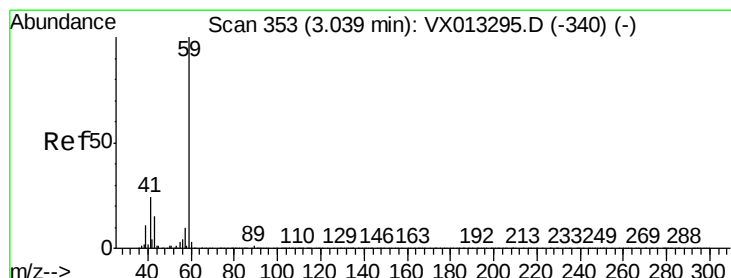
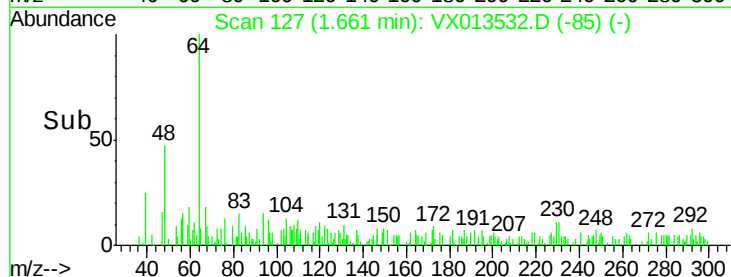
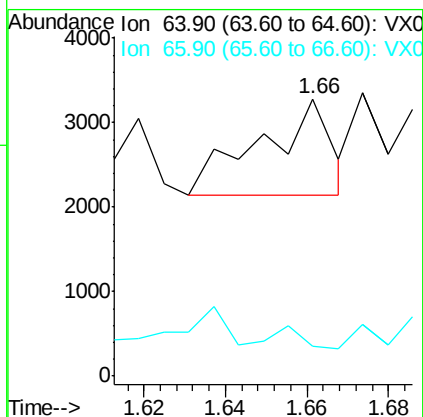
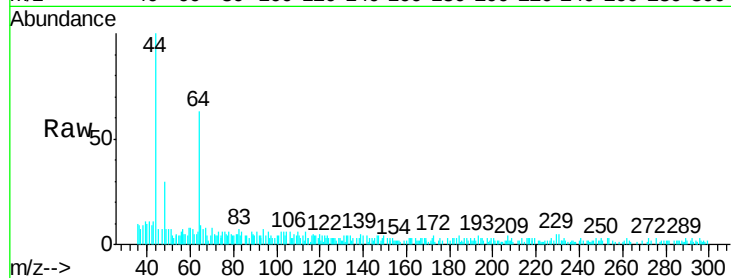
FD-111919DL

Tgt Ion: 64 Resp: 1352

Ion Ratio Lower Upper

64 100

66 2.8 25.6 38.4#



#11

Tert butyl alcohol

Concen: 11.508 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.04 min

Lab File: VX013532.D

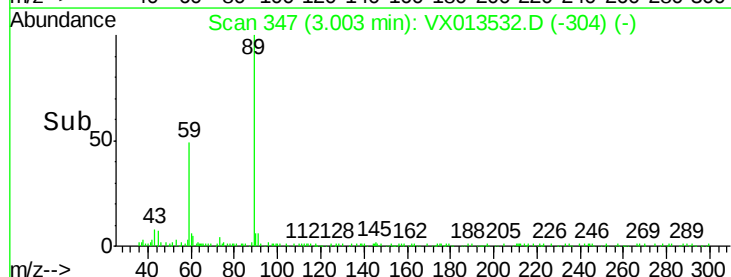
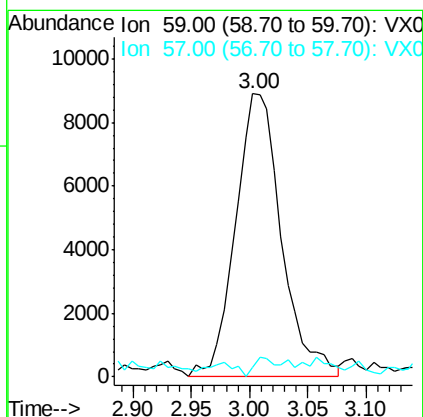
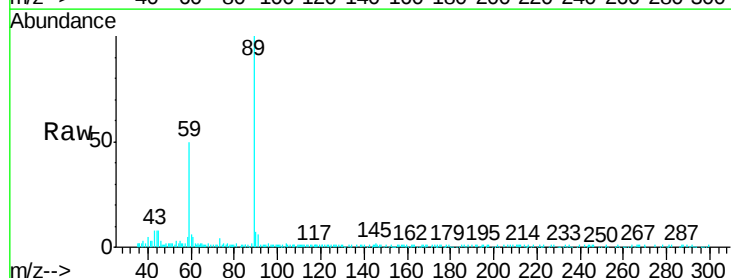
Acq: 22 Nov 2019 14:49

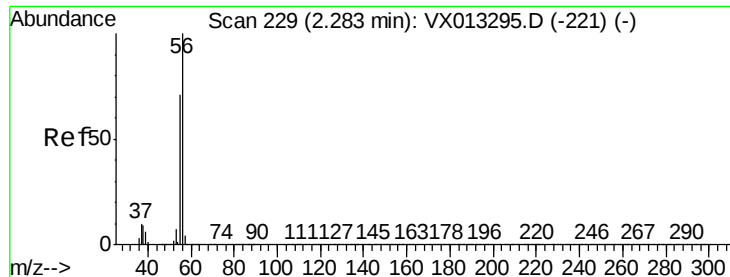
Tgt Ion: 59 Resp: 24585

Ion Ratio Lower Upper

59 100

57 3.3 8.0 12.0#





#13

Acrolein

Concen: 0.314 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

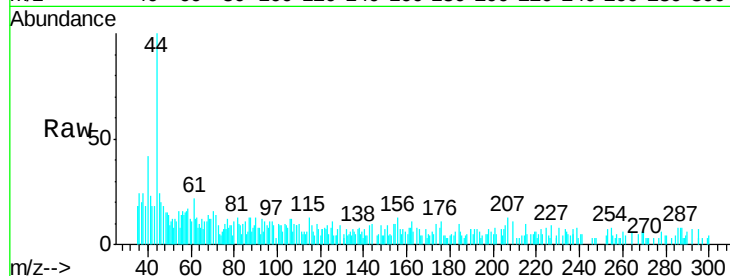
FD-111919DL

Tgt Ion: 56 Resp: 363

Ion Ratio Lower Upper

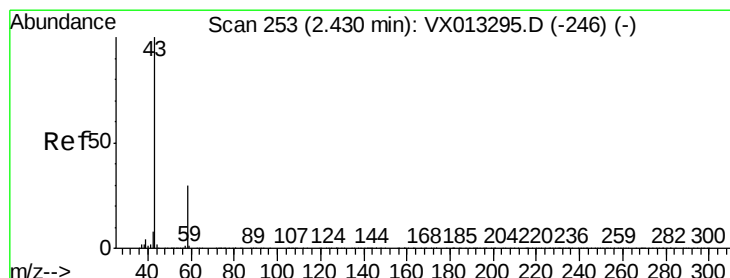
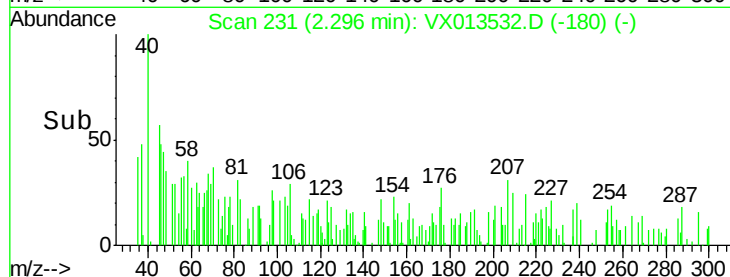
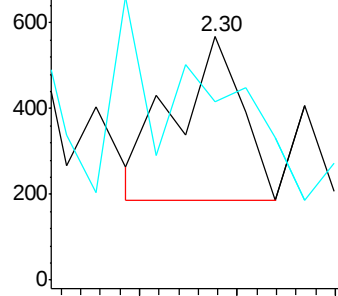
56 100

55 54.8 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.538 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013532.D

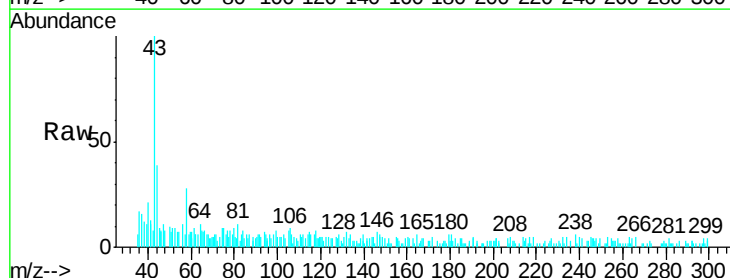
Acq: 22 Nov 2019 14:49

Tgt Ion: 43 Resp: 6217

Ion Ratio Lower Upper

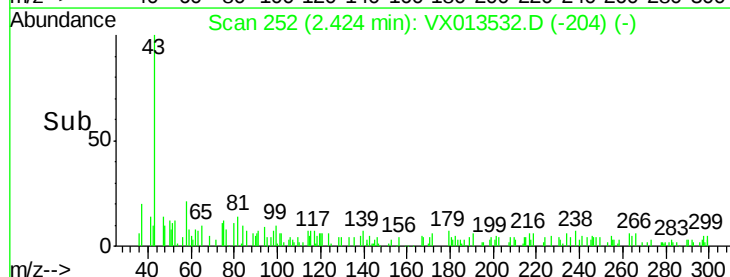
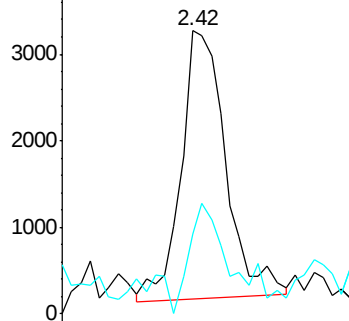
43 100

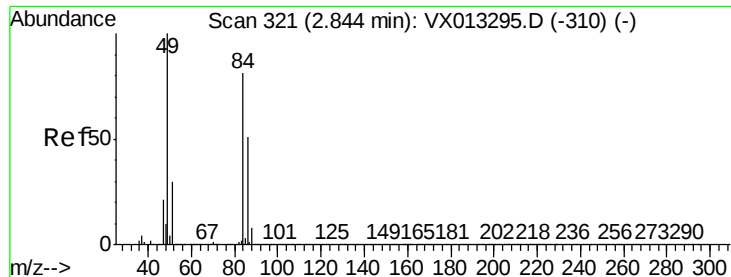
58 24.1 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

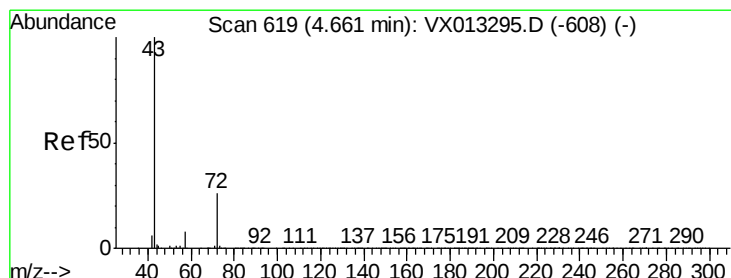
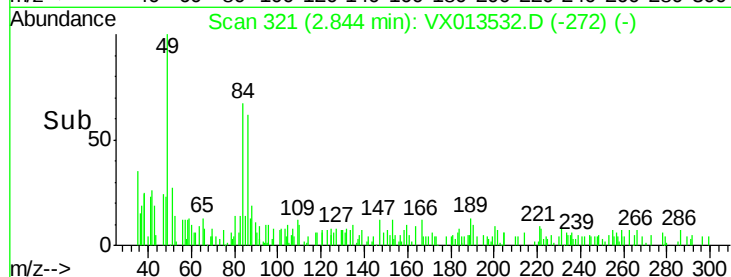
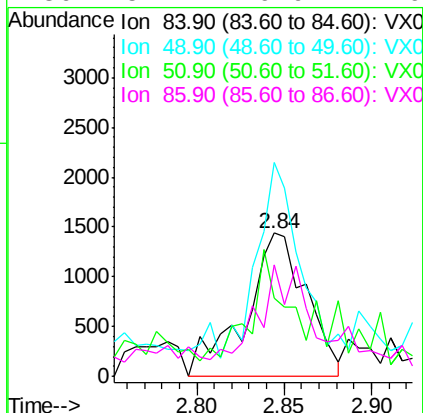
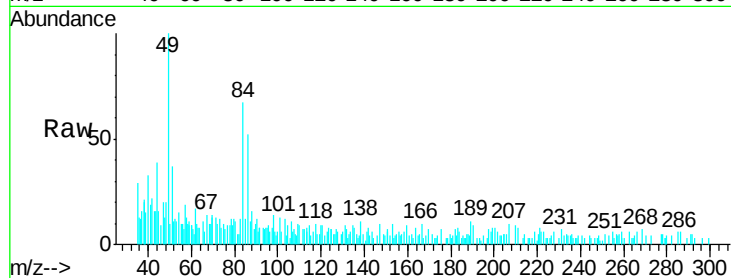




#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

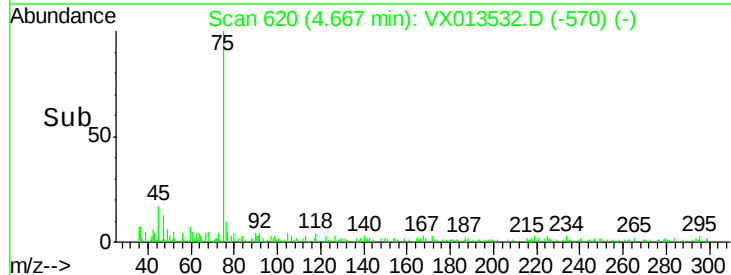
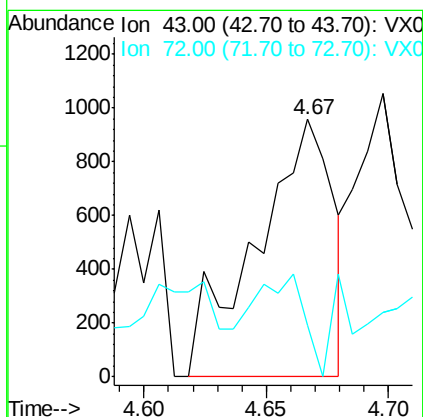
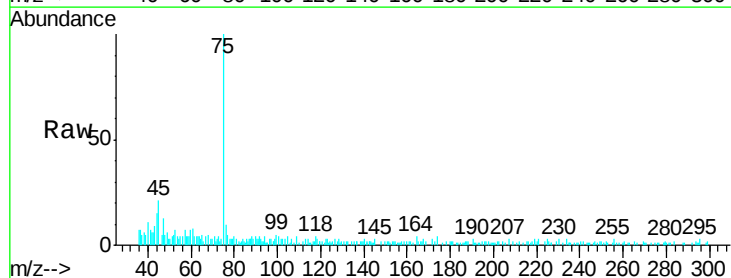
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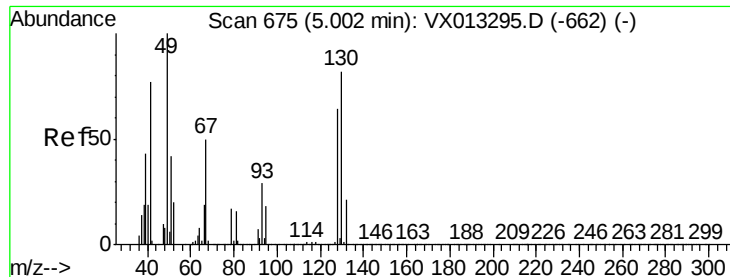
Tgt Ion: 84 Resp: 3498
Ion Ratio Lower Upper
84 100
49 130.9 98.2 147.4
51 18.2 29.9 44.9#
86 57.1 49.9 74.9



#25
2-Butanone
Concen: 0.352 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#28

Bromochloromethane

Concen: 0.414 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampled :

FD-111919DL

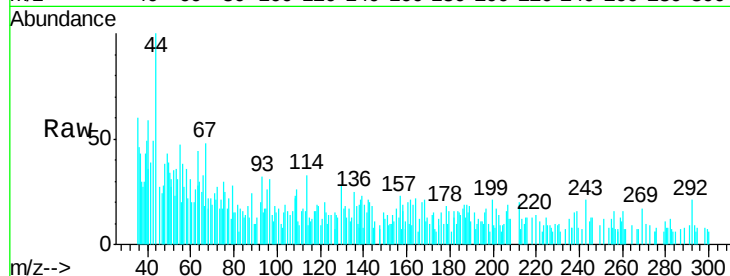
Tgt Ion: 49 Resp: 1447

Ion Ratio Lower Upper

49 100

129 8.8 0.0 5.2#

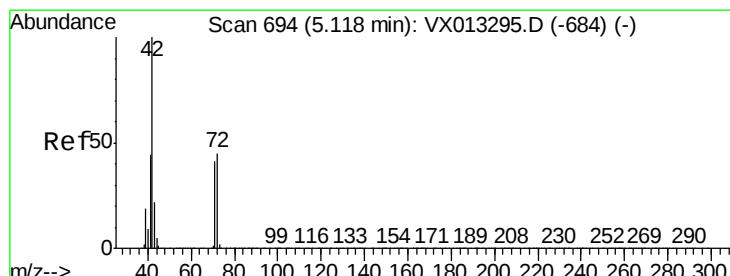
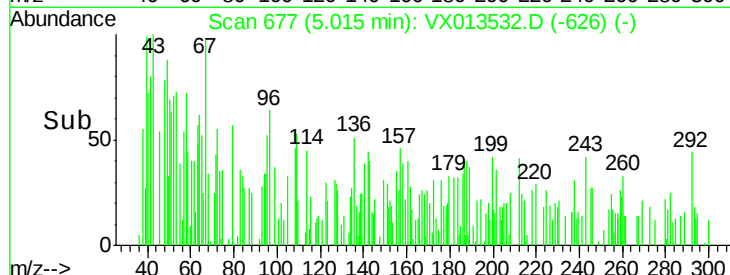
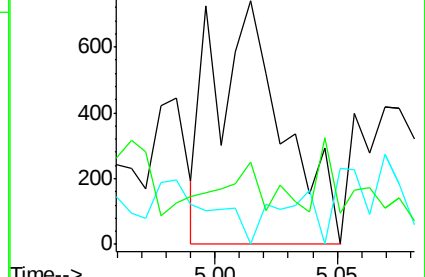
130 7.7 63.8 95.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.350 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

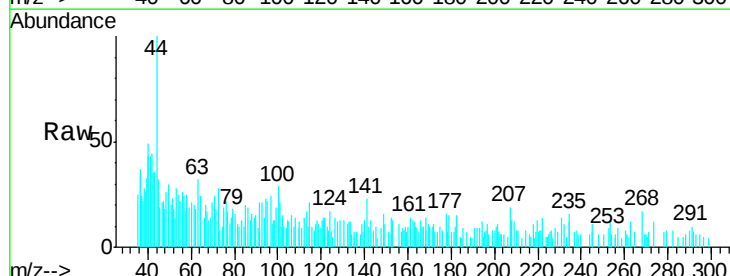
Tgt Ion: 42 Resp: 1279

Ion Ratio Lower Upper

42 100

72 11.0 35.8 53.8#

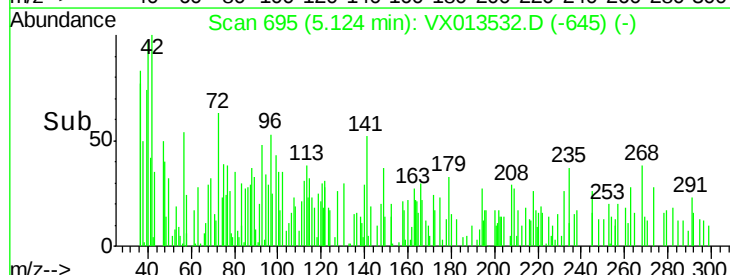
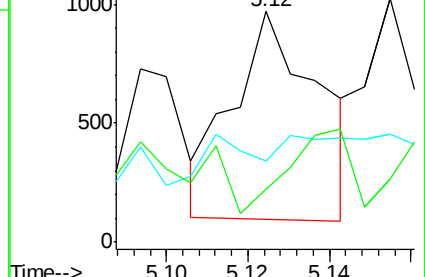
71 0.0 33.4 50.0#

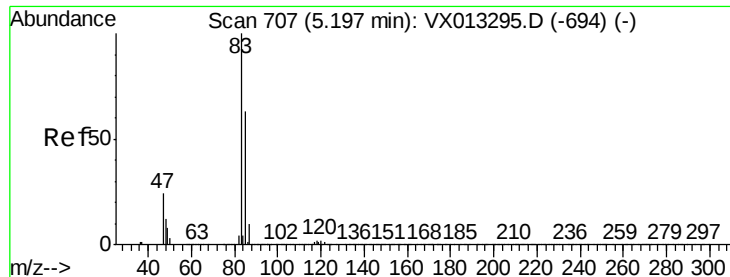


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

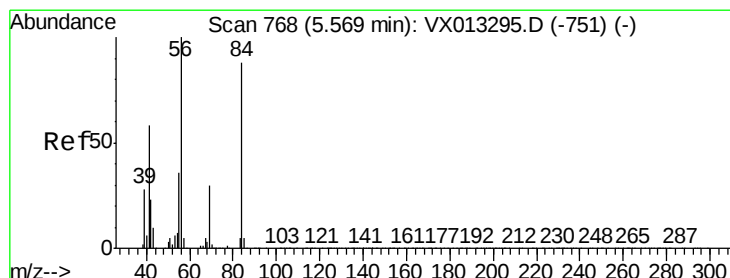
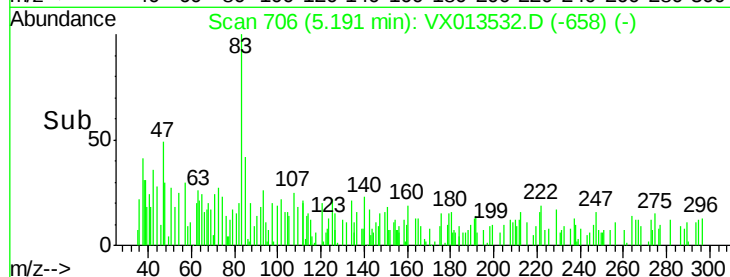
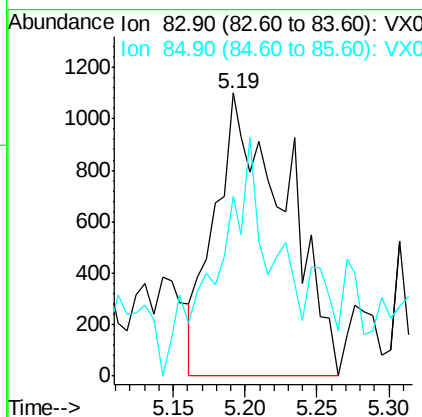
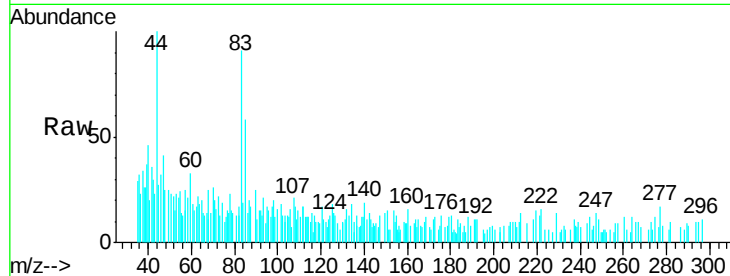




#30
Chloroform
Concen: 0.310 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

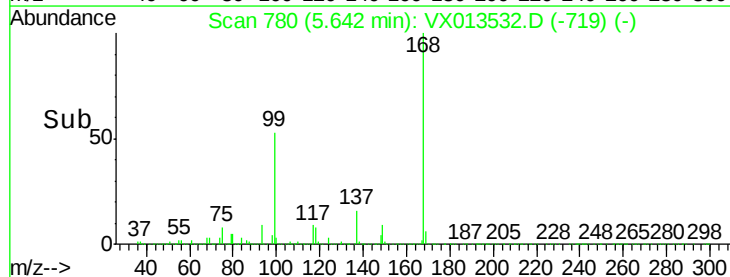
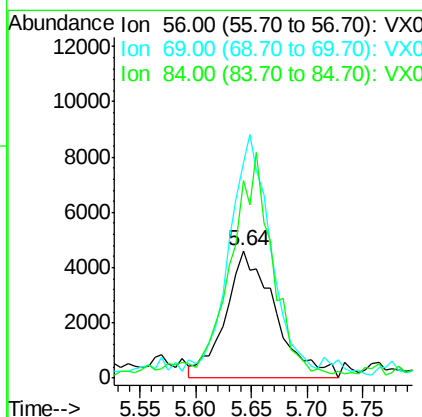
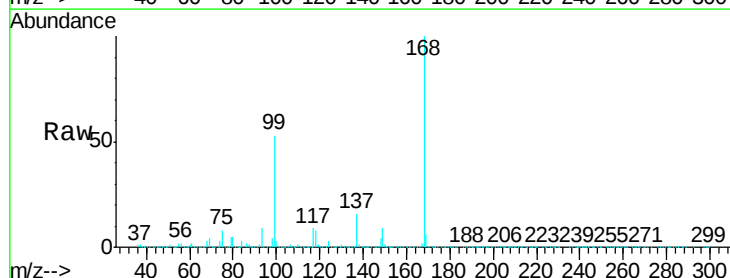
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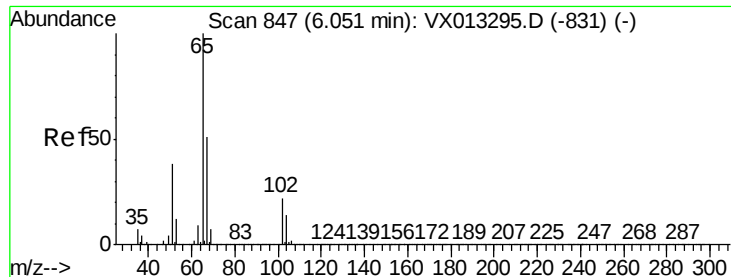
Tgt Ion: 83 Resp: 3769
Ion Ratio Lower Upper
83 100
85 47.3 50.2 75.4#



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion: 56 Resp: 14273
Ion Ratio Lower Upper
56 100
69 154.8 23.7 35.5#
84 149.4 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 50.259 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

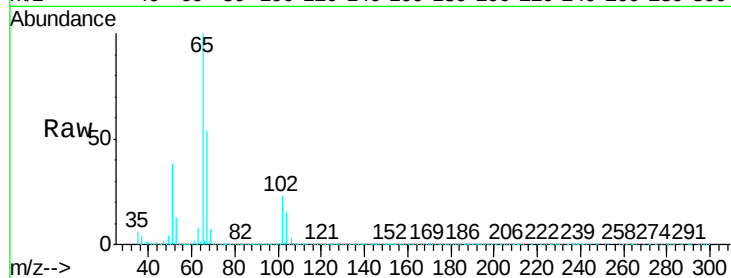
FD-111919DL

Tgt Ion: 65 Resp: 407352

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

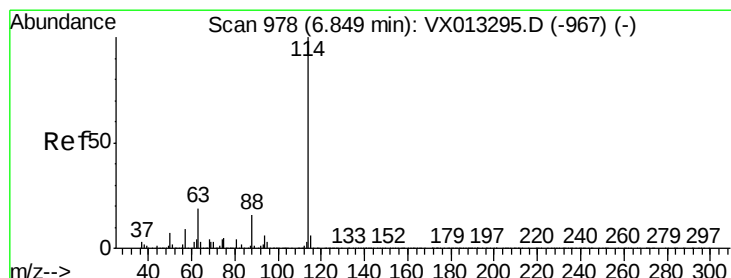
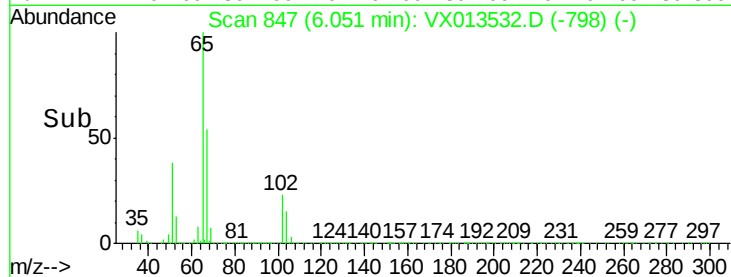
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

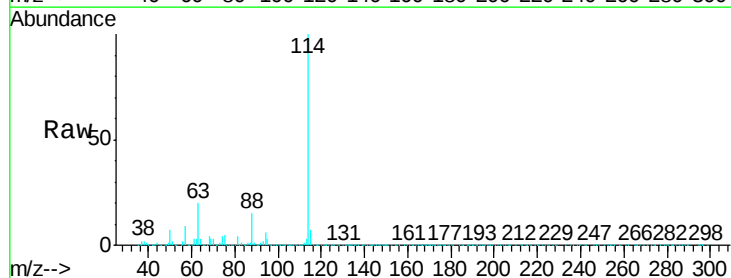
Tgt Ion: 114 Resp: 1114323

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.4 0.0 32.2



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

6.85

600000

500000

400000

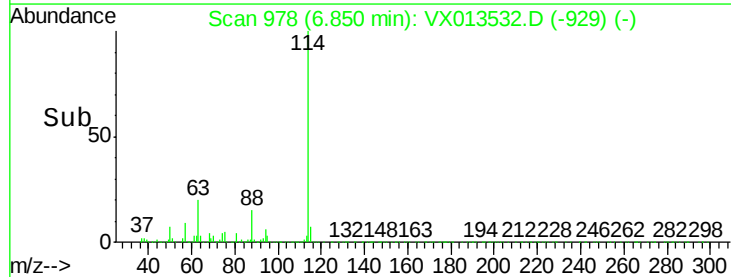
300000

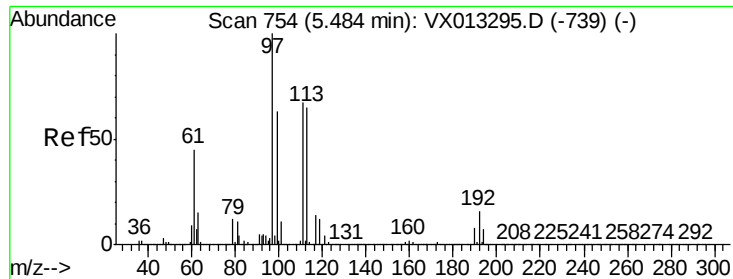
200000

100000

0

Time-->

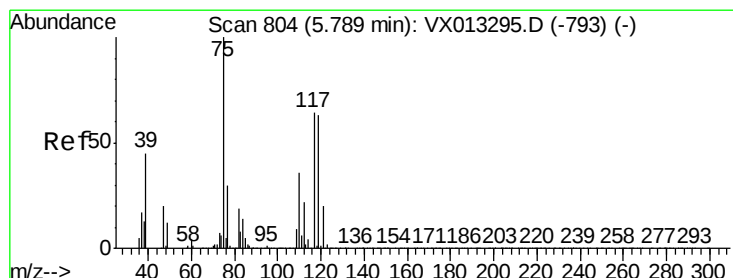
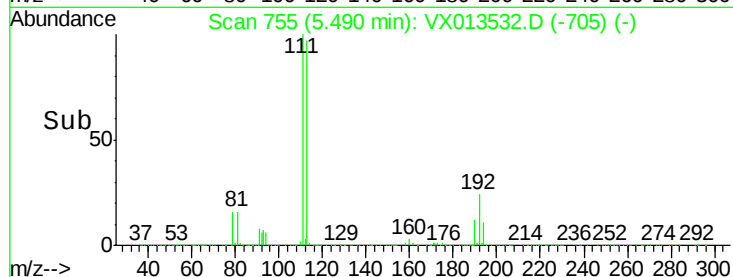
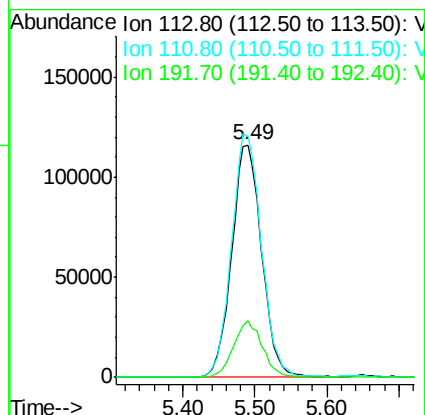
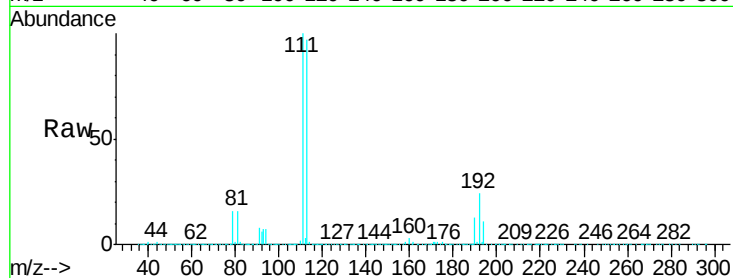




#35
Dibromofluoromethane
Concen: 47.801 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

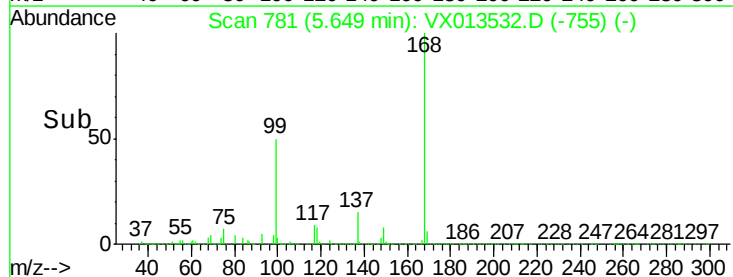
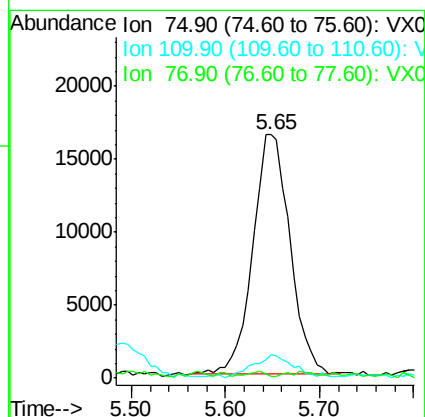
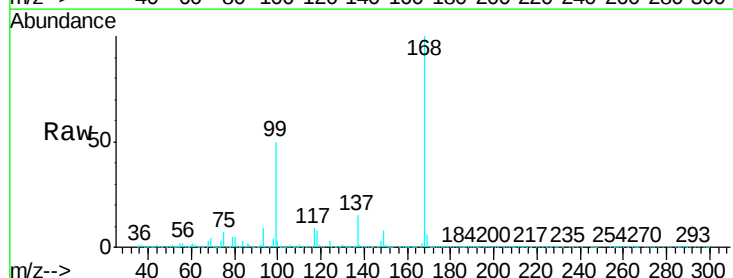
Instrument :
MSVOA_X
ClientSampleId :
FD-111919DL

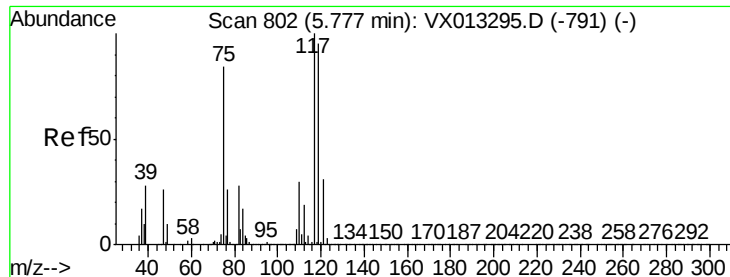
Tgt Ion:113 Resp: 334090
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 23.7 19.1 28.7



#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion: 75 Resp: 45525
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.1#
77 0.7 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.353 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

FD-111919DL

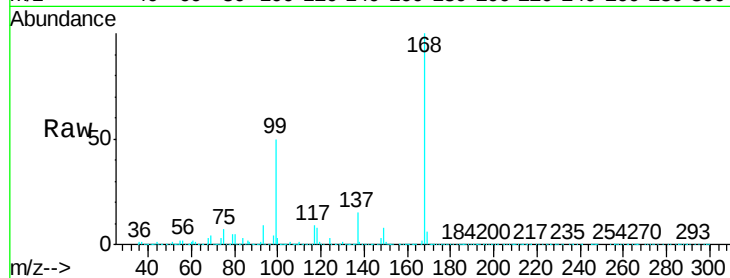
Tgt Ion: 117 Resp: 59387

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

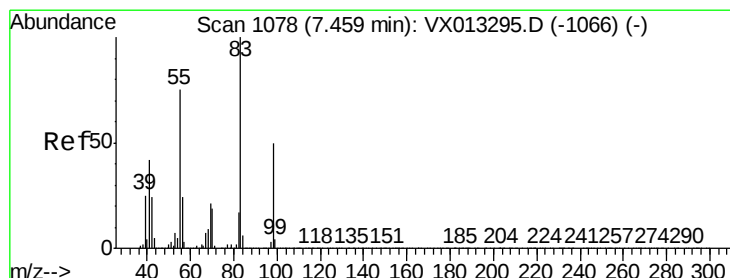
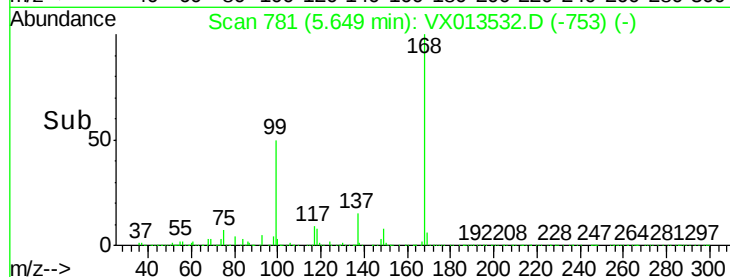
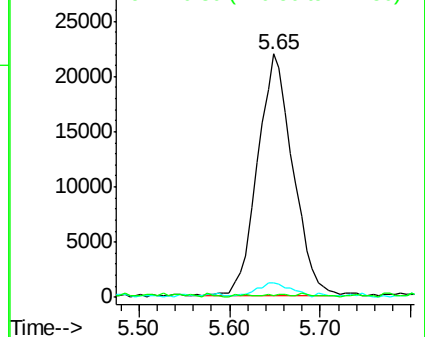
121 0.5 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.358 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

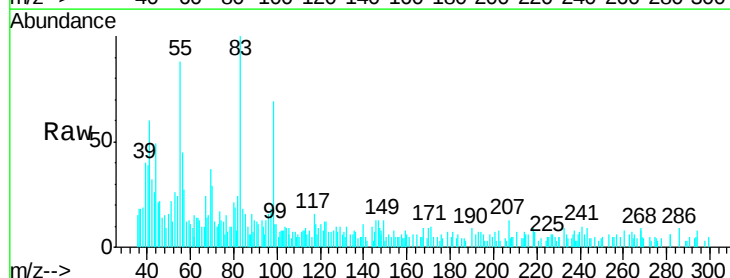
Tgt Ion: 83 Resp: 4270

Ion Ratio Lower Upper

83 100

55 83.0 60.3 90.5

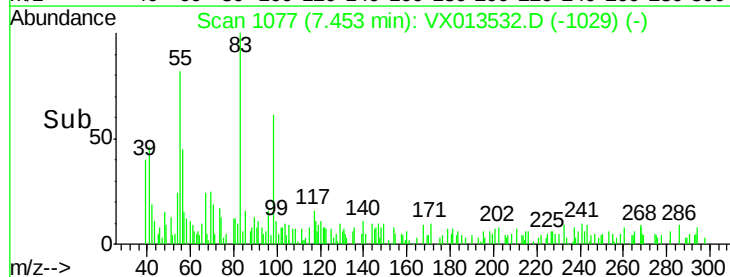
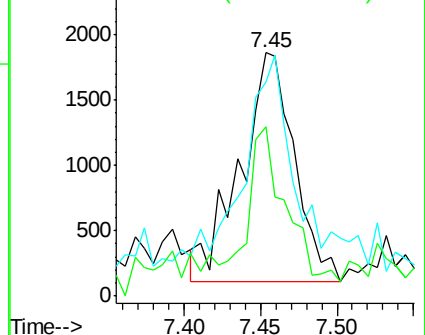
98 73.7 40.3 60.5#

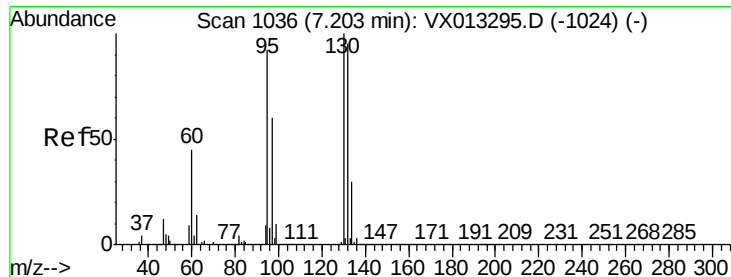


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.223 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampled :

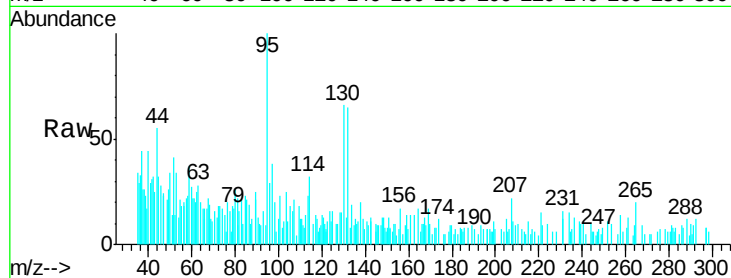
FD-111919DL

Tgt Ion:130 Resp: 1824

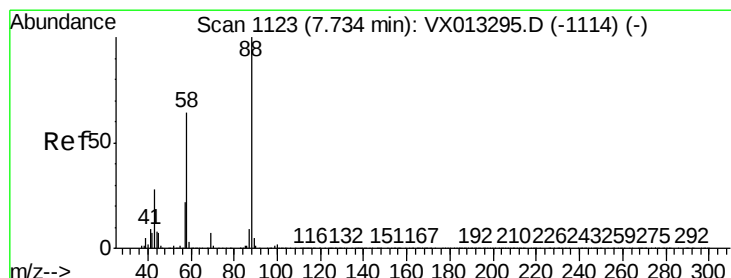
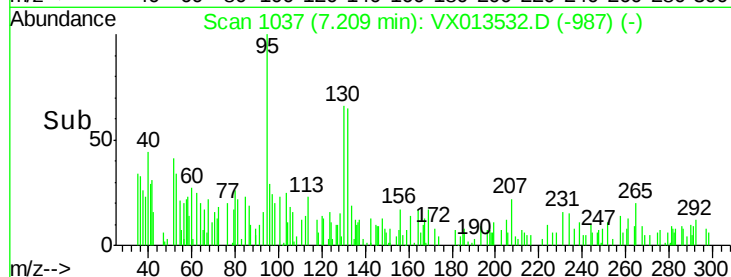
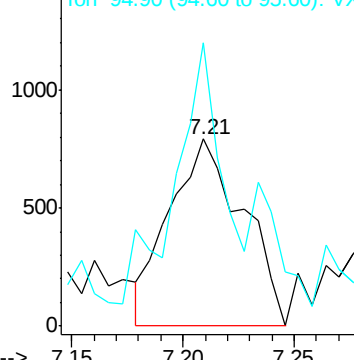
Ion Ratio Lower Upper

130 100

95 122.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 1.018 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

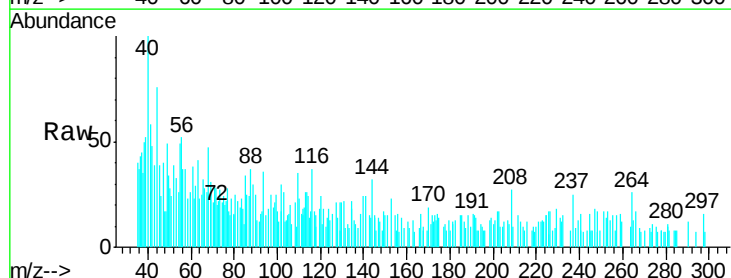
Tgt Ion: 88 Resp: 214

Ion Ratio Lower Upper

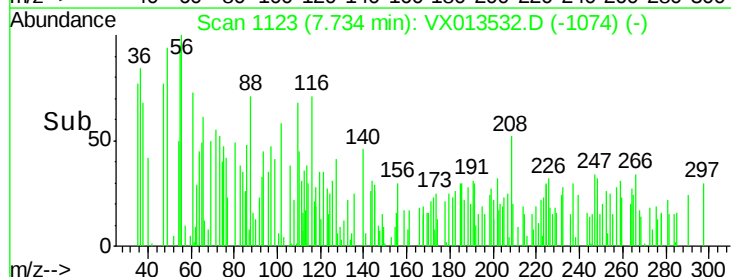
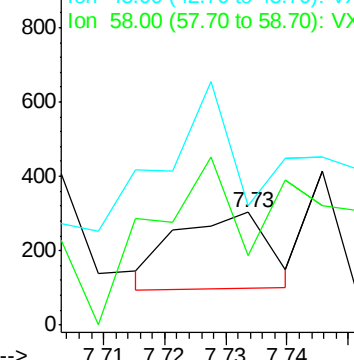
88 100

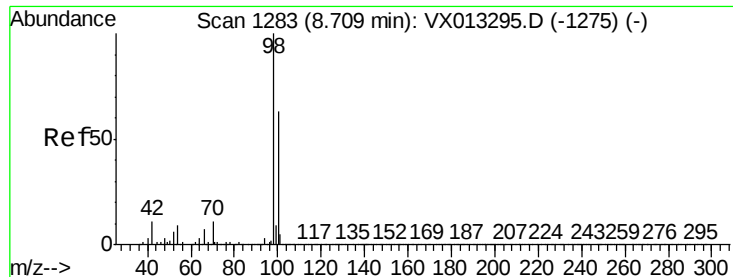
43 534.6 26.6 39.8#

58 205.1 55.0 82.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0





#50

Toluene-d8

Concen: 50.879 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

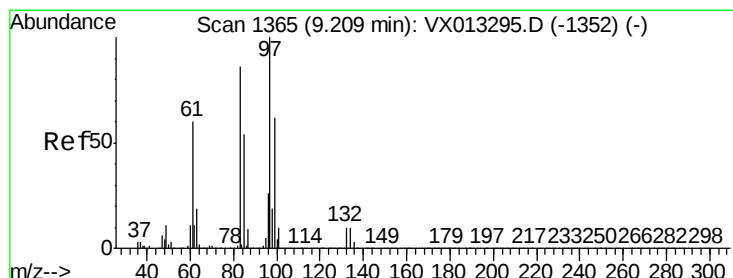
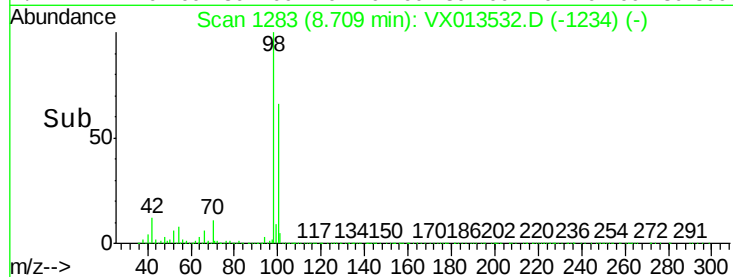
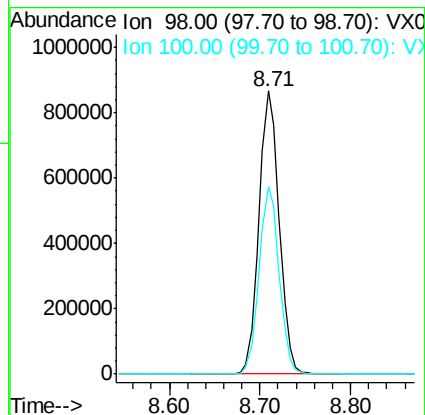
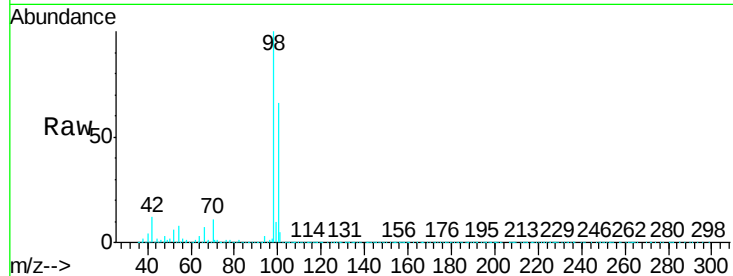
FD-111919DL

Tgt Ion: 98 Resp: 1340591

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#55

1,1,2-Trichloroethane

Concen: 0.841 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Tgt Ion: 97 Resp: 6437

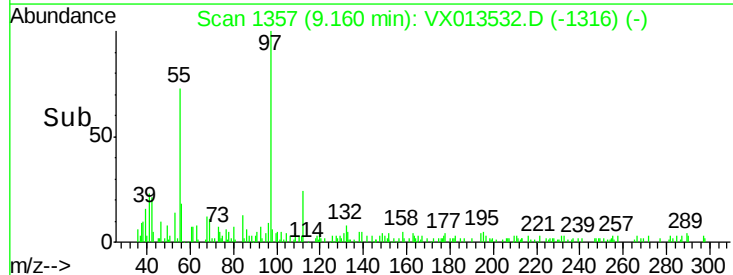
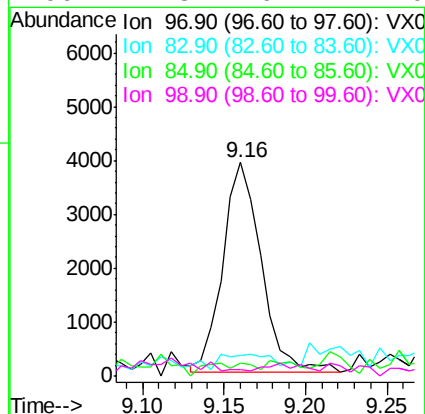
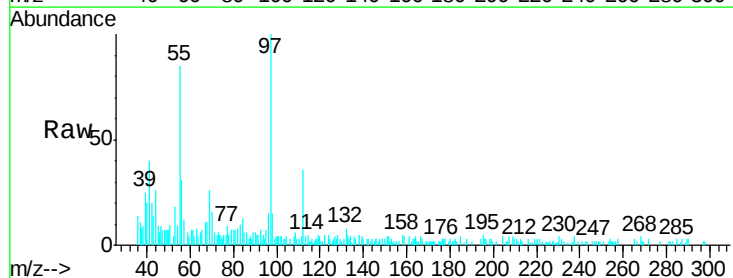
Ion Ratio Lower Upper

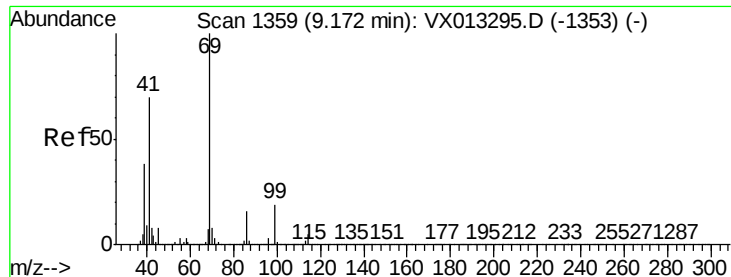
97 100

83 5.1 68.6 103.0#

85 6.2 43.1 64.7#

99 1.8 49.4 74.0#





#56

Ethyl methacrylate

Concen: 1.691 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleID :

FD-111919DL

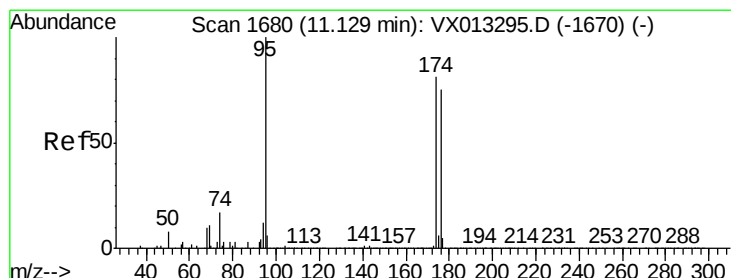
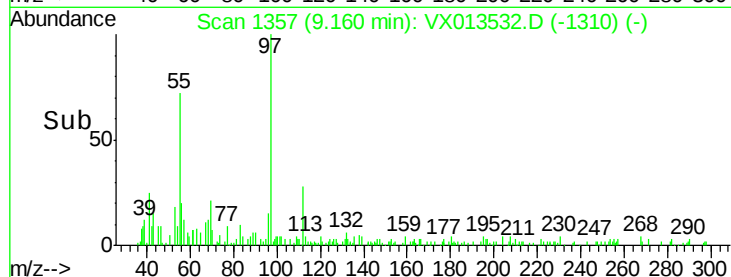
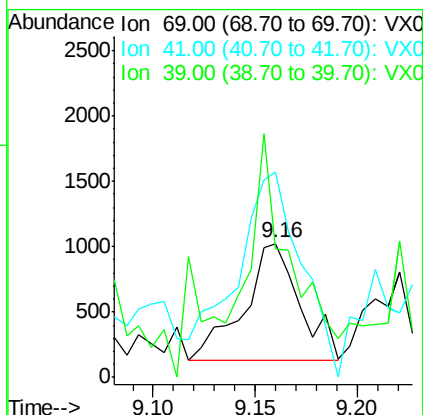
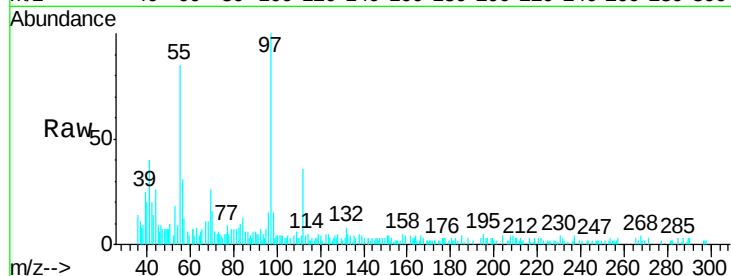
Tgt Ion: 69 Resp: 1731

Ion Ratio Lower Upper

69 100

41 206.6 56.2 84.2#

39 135.0 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 48.620 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

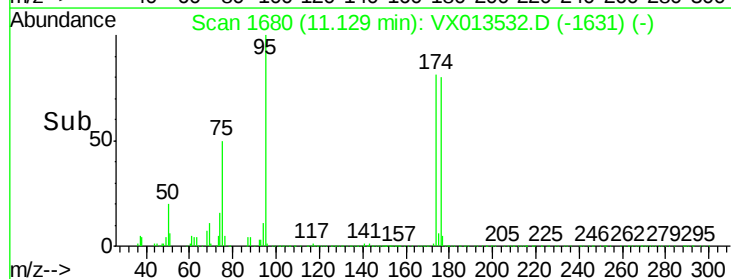
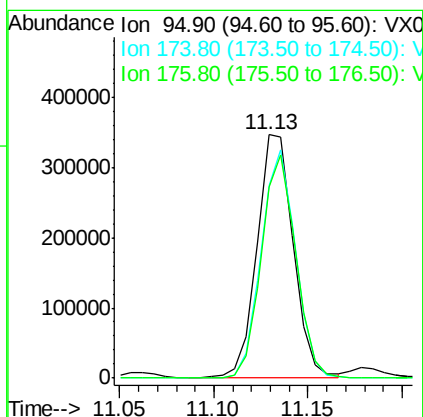
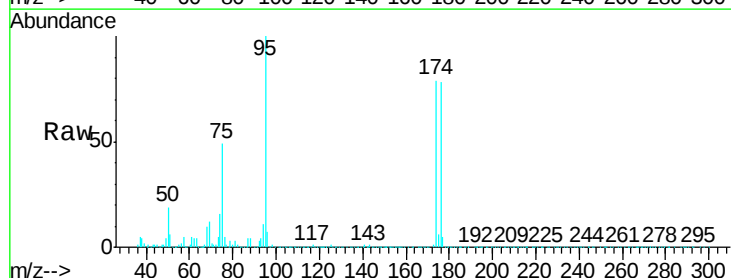
Tgt Ion: 95 Resp: 462343

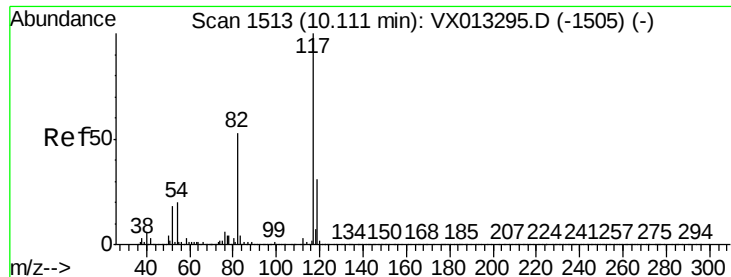
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

176 87.1 0.0 173.0

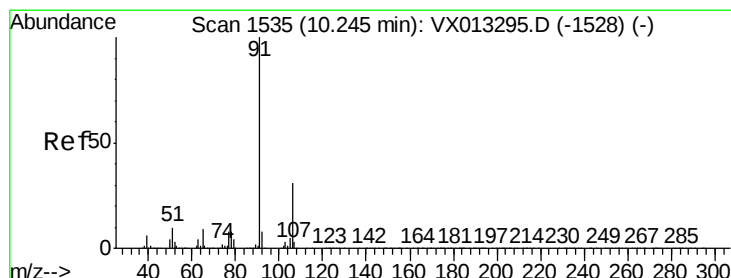
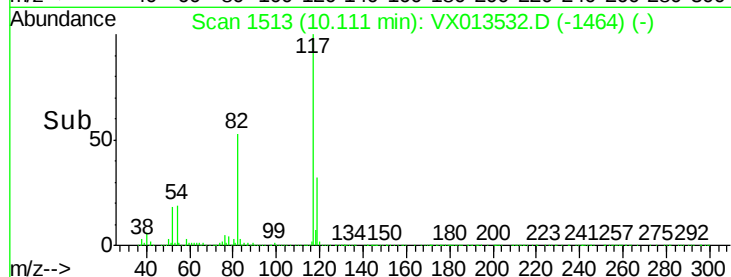
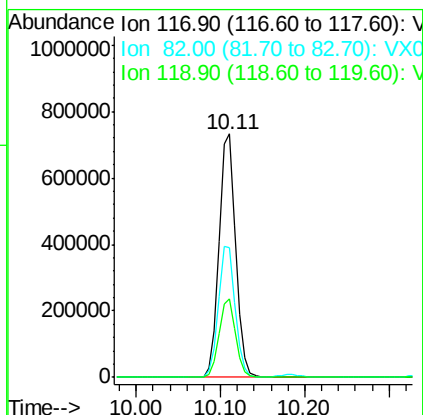
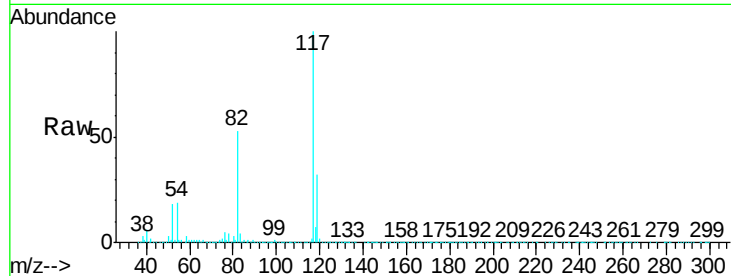




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

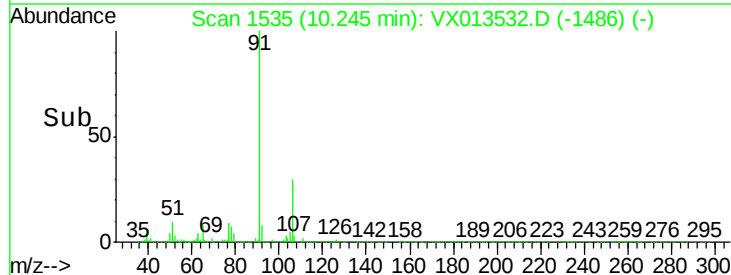
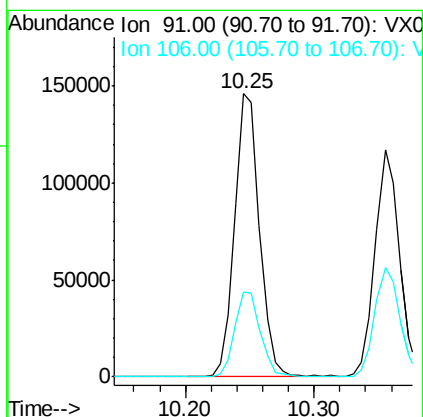
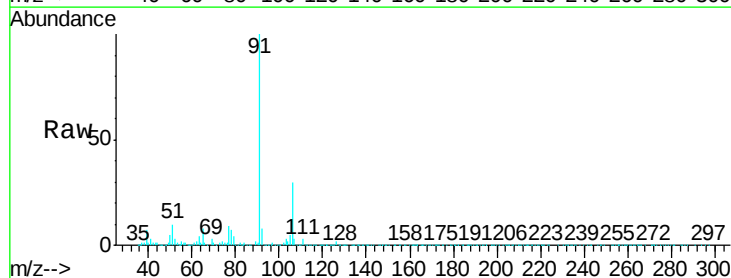
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

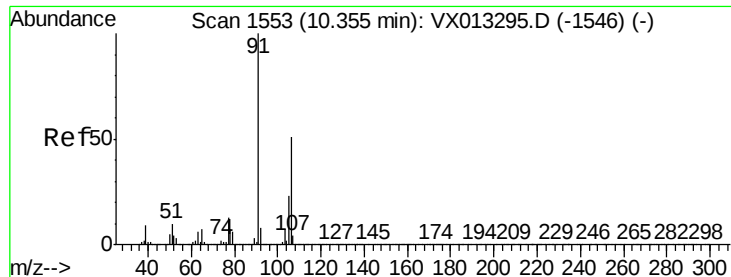
Tgt Ion: 117 Resp: 1005094
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.2 24.8 37.2



#67
Ethyl Benzene
Concen: 5.583 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion: 91 Resp: 196085
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8





#68

m/p-Xylenes

Concen: 5.710 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampled :

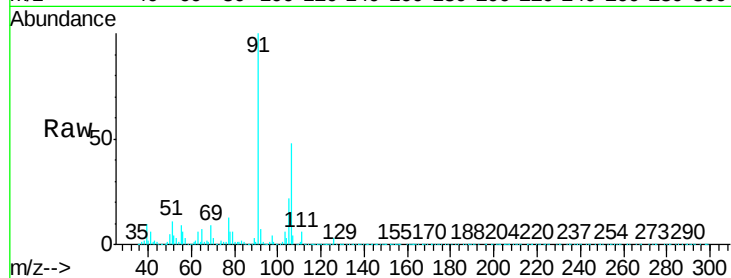
FD-111919DL

Tgt Ion:106 Resp: 75834

Ion Ratio Lower Upper

106 100

91 199.7 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

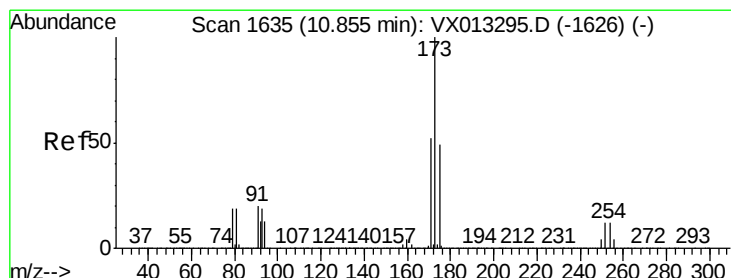
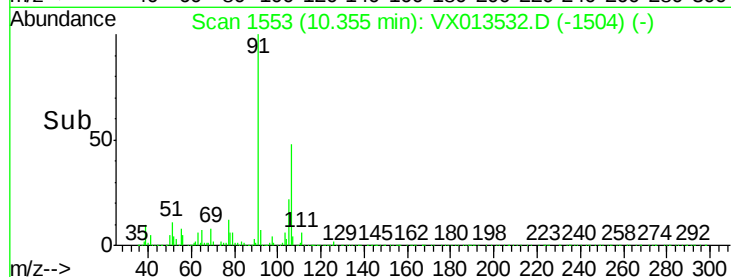
100000

50000

0

10.30 10.40

Time-->



#71

Bromoform

Concen: 3.219 ug/l

RT: 10.81 min Scan# 1628

Delta R.T. -0.04 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

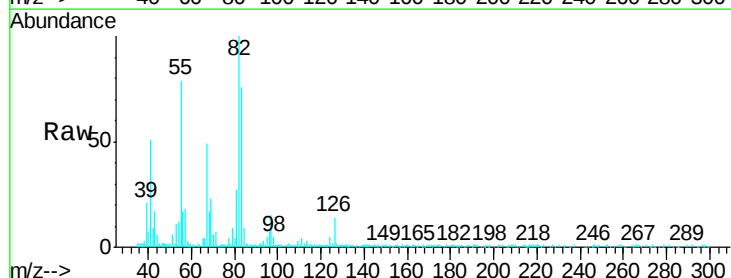
Tgt Ion:173 Resp: 118

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 126.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

300

250

200

150

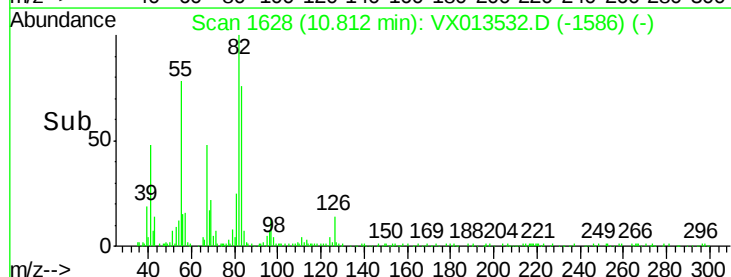
100

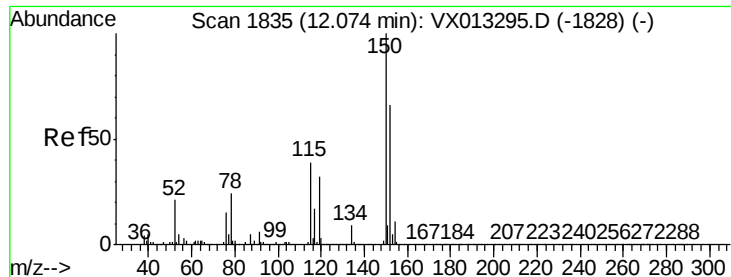
50

0

10.80 10.82

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

FD-111919DL

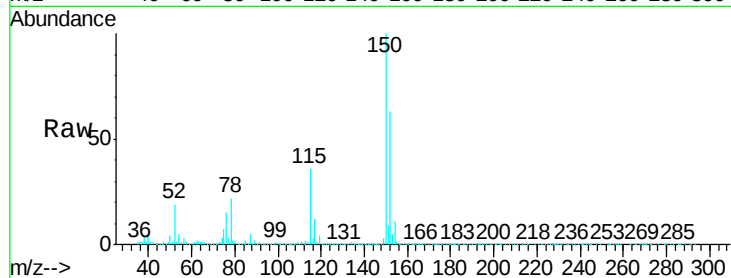
Tgt Ion:152 Resp: 466531

Ion Ratio Lower Upper

152 100

115 57.9 39.5 118.3

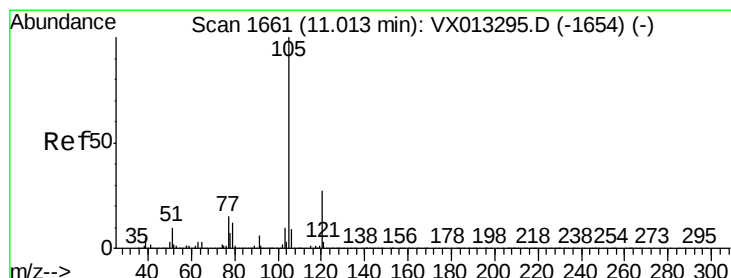
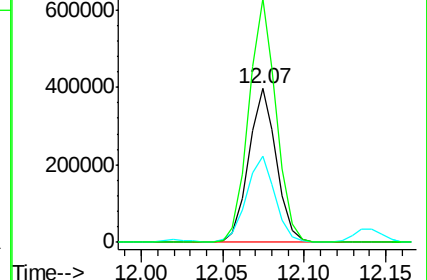
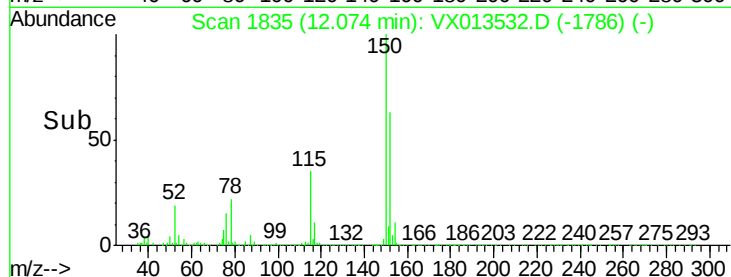
150 157.4 0.0 344.4



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: 13.684 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013532.D

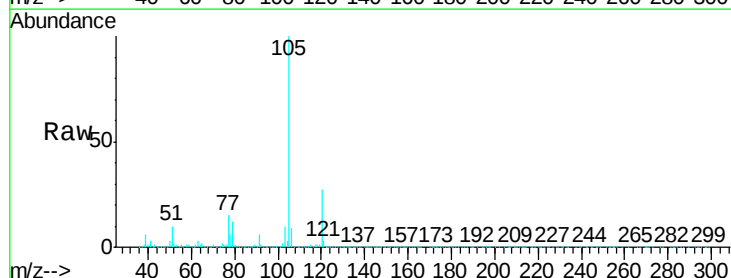
Acq: 22 Nov 2019 14:49

Tgt Ion:105 Resp: 423272

Ion Ratio Lower Upper

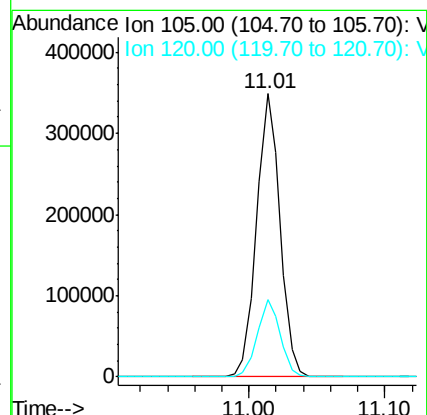
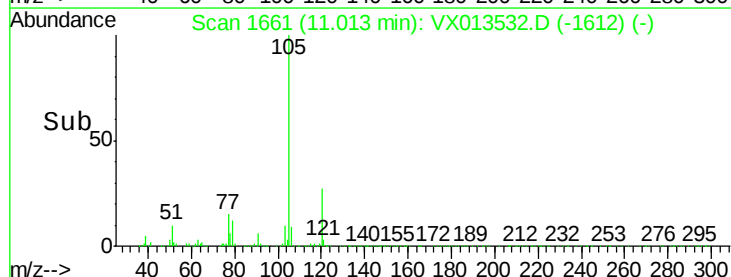
105 100

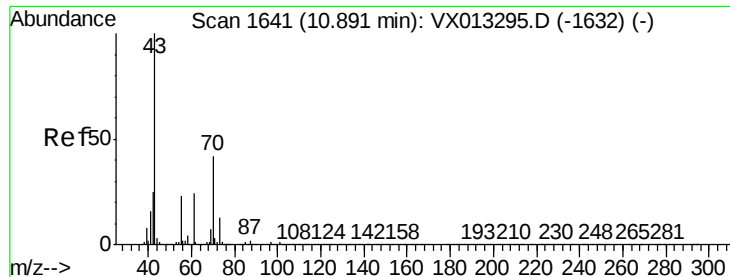
120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.922 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleID :

FD-111919DL

Tgt Ion: 43 Resp: 13222

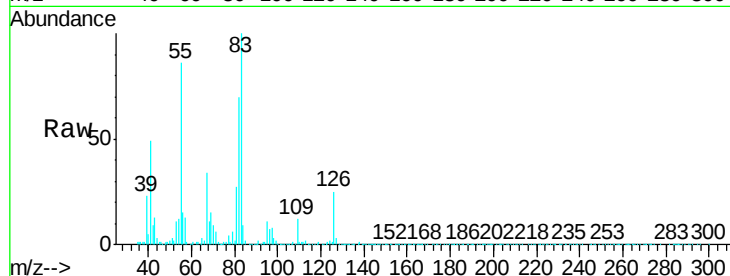
Ion Ratio Lower Upper

43 100

70 90.1 34.1 51.1#

55 578.7 18.9 28.3#

61 0.0 19.2 28.8#

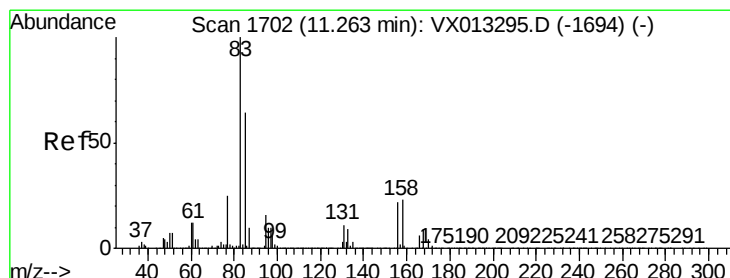
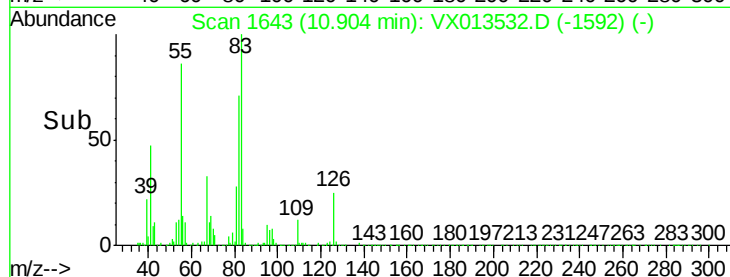
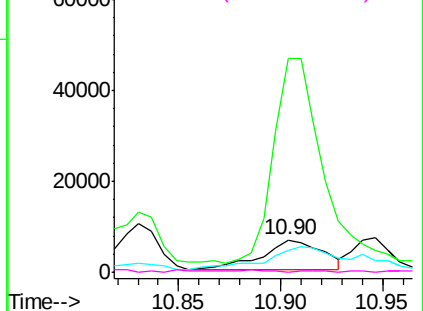


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.164 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

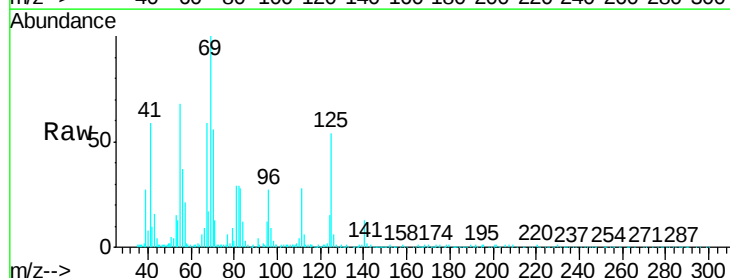
Tgt Ion: 83 Resp: 13136

Ion Ratio Lower Upper

83 100

131 1.2 5.1 15.3#

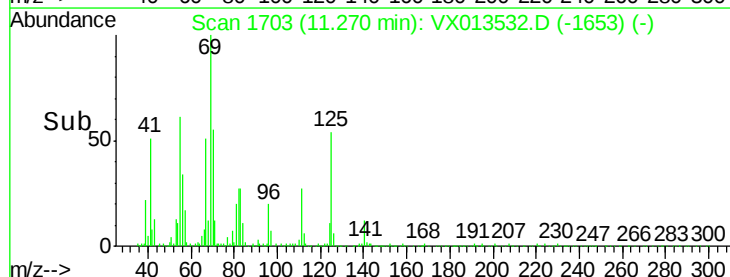
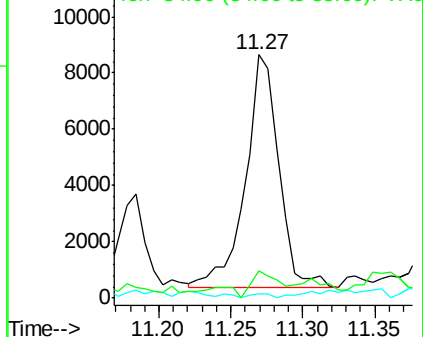
85 9.2 32.3 96.8#

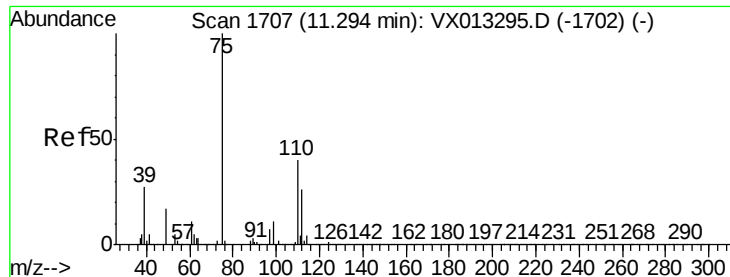


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

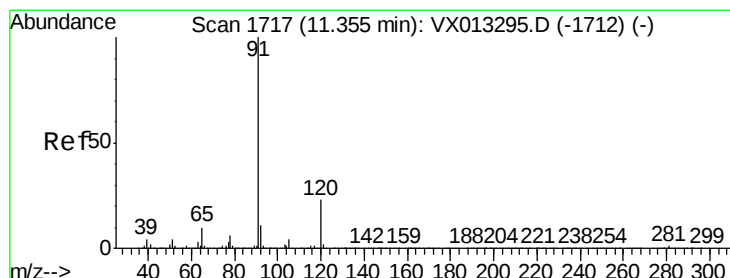
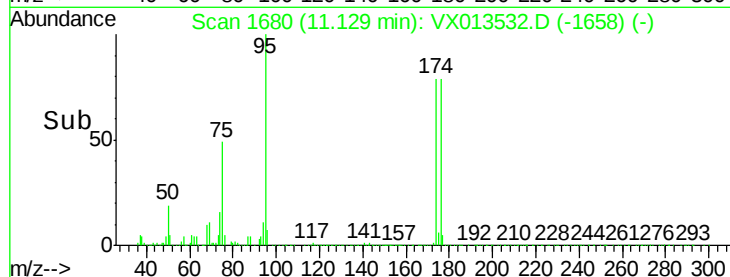
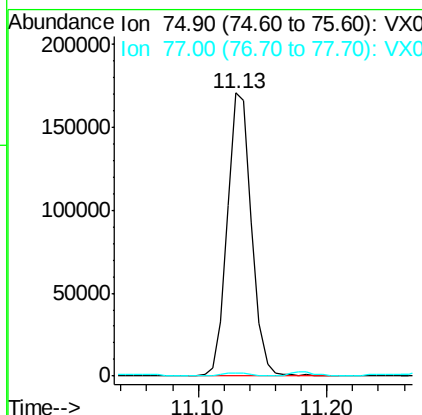
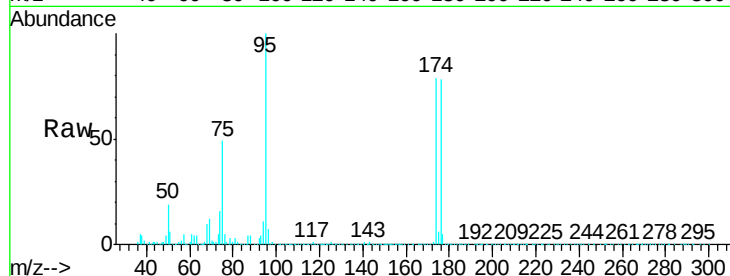




#76
1,2,3-Trichloropropane
Concen: 23.723 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

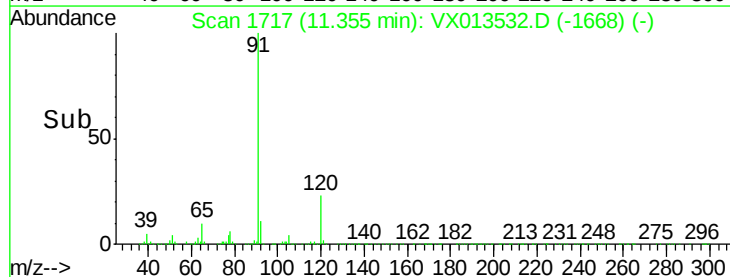
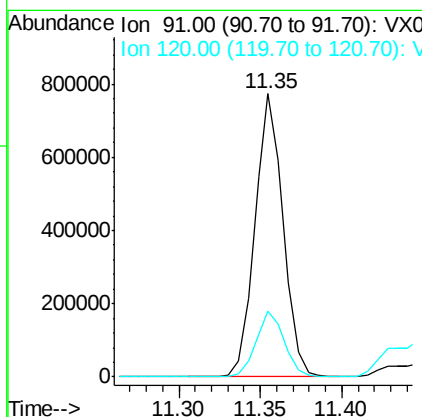
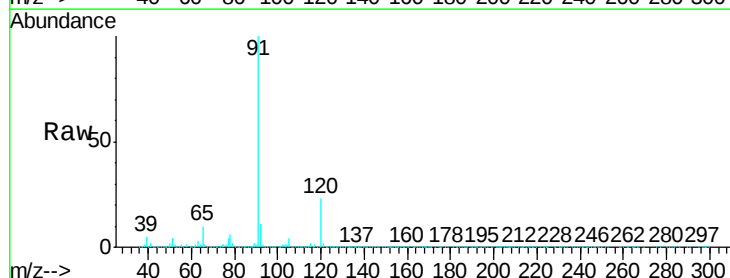
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

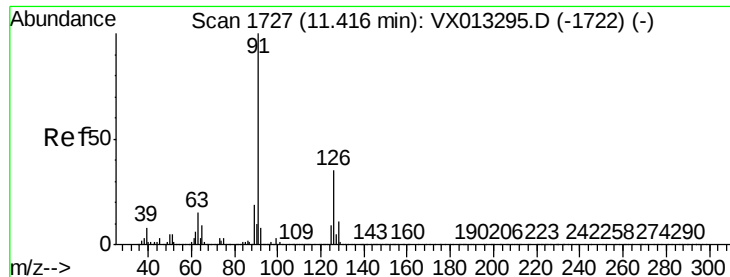
Tgt Ion: 75 Resp: 224799
Ion Ratio Lower Upper
75 100
77 1.2 22.3 66.8#



#78
n-propylbenzene
Concen: 26.746 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion: 91 Resp: 921572
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 3.873 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleID :

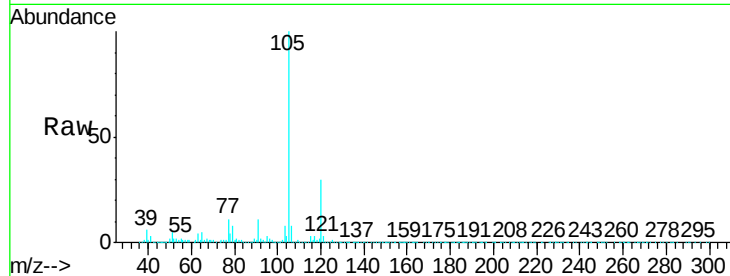
FD-111919DL

Tgt Ion: 91 Resp: 80411

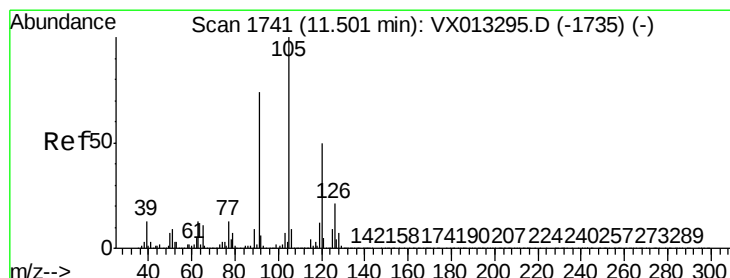
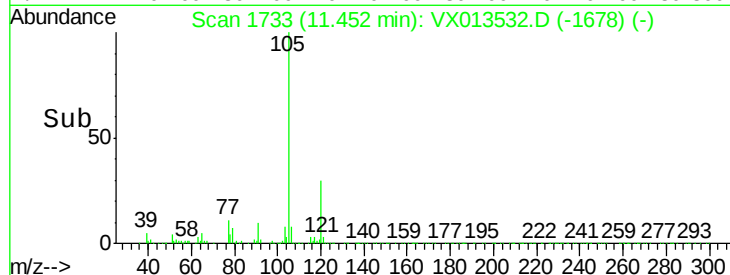
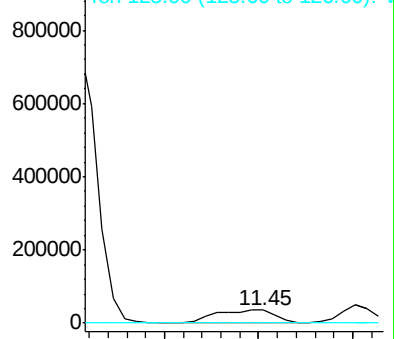
Ion Ratio Lower Upper

91 100

126 0.9 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.621 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013532.D

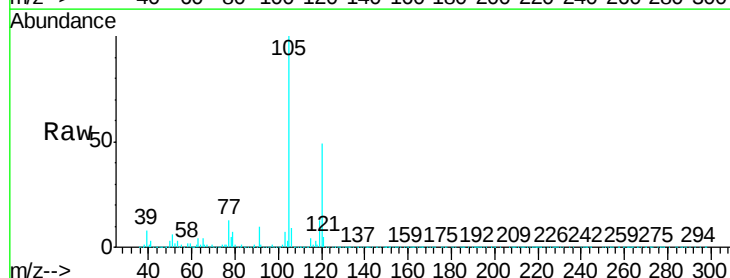
Acq: 22 Nov 2019 14:49

Tgt Ion: 105 Resp: 582807

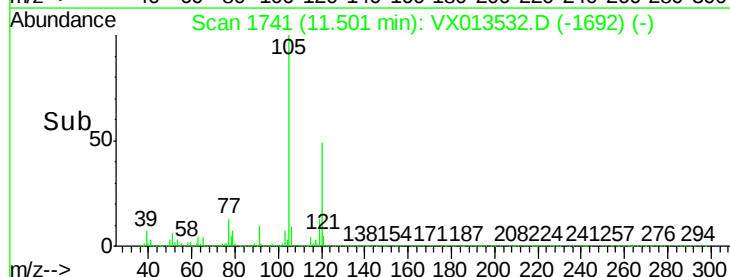
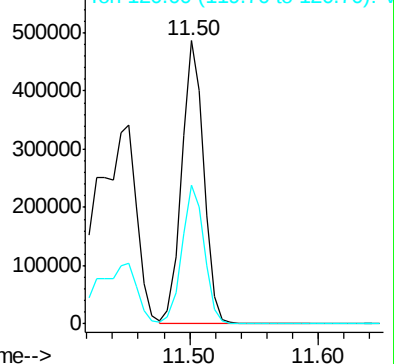
Ion Ratio Lower Upper

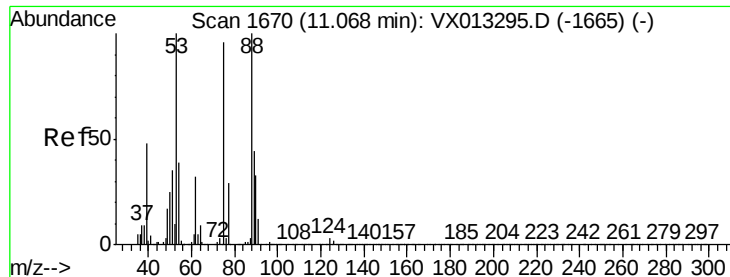
105 100

120 49.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 61.063 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampleId :

FD-111919DL

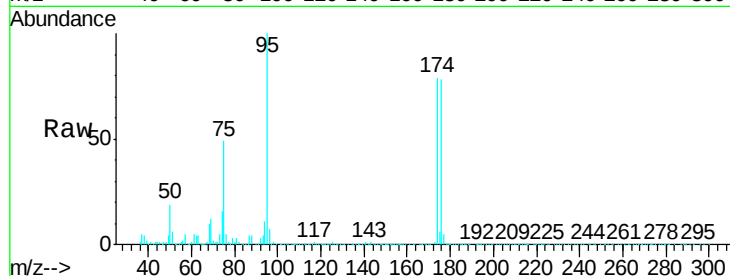
Tgt Ion: 75 Resp: 224799

Ion Ratio Lower Upper

75 100

53 0.4 81.0 121.6#

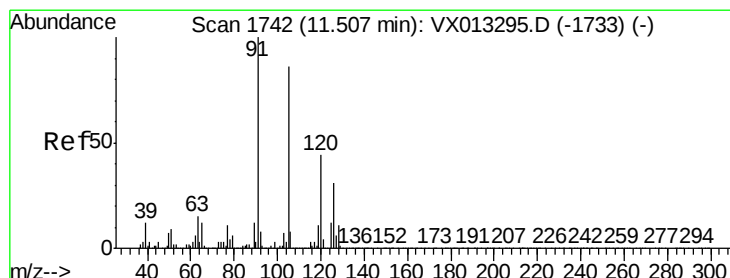
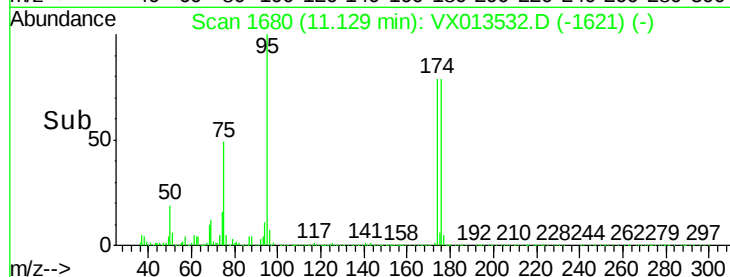
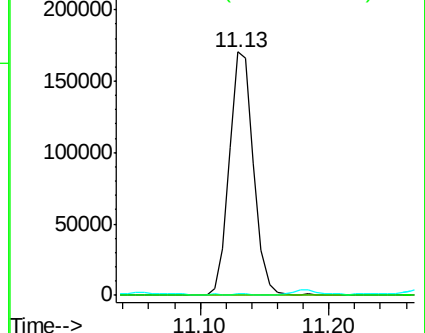
89 0.0 36.0 54.0#



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: 2.463 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013532.D

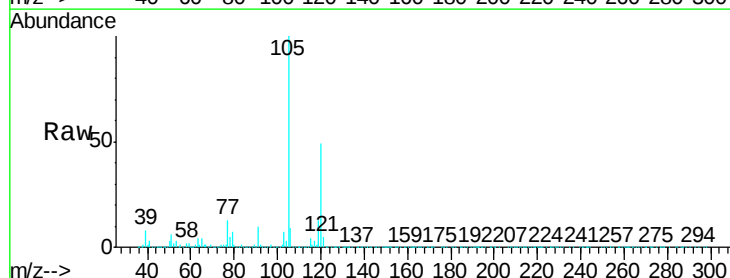
Acq: 22 Nov 2019 14:49

Tgt Ion: 91 Resp: 59859

Ion Ratio Lower Upper

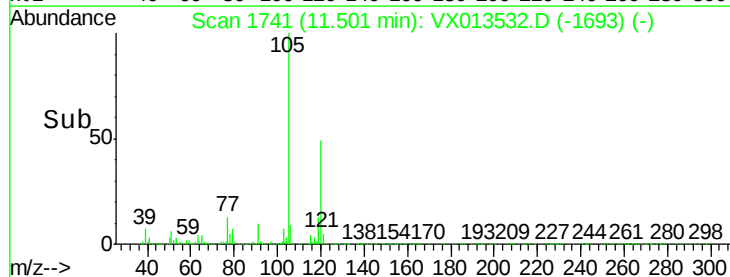
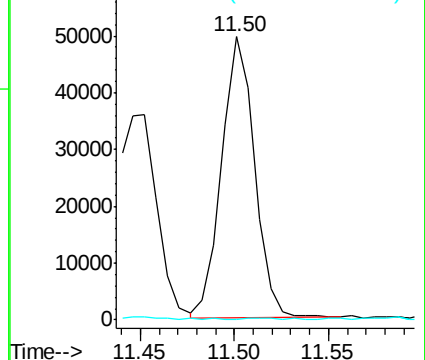
91 100

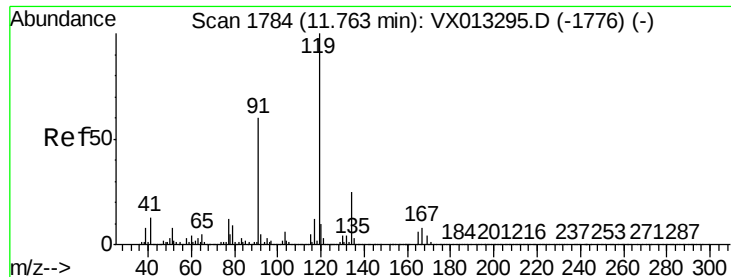
126 0.8 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

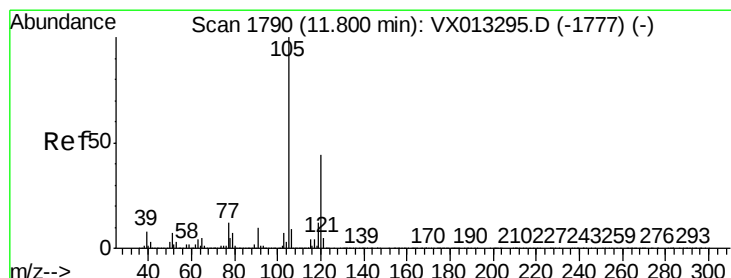
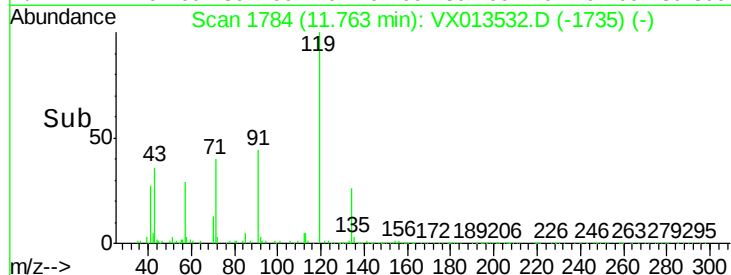
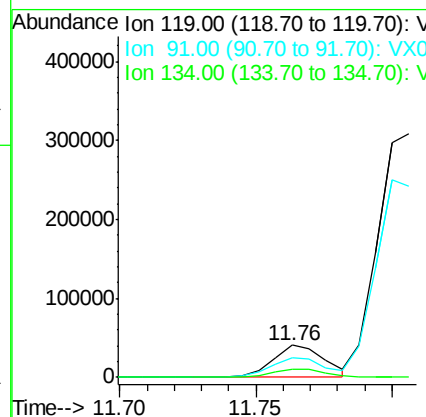
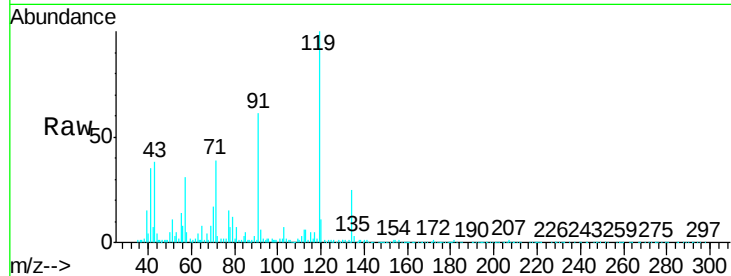




#83
tert-Butylbenzene
Concen: 2.016 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

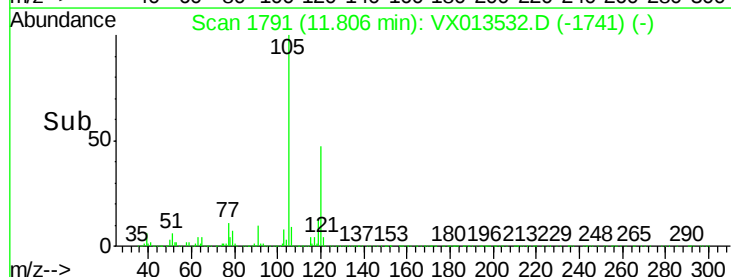
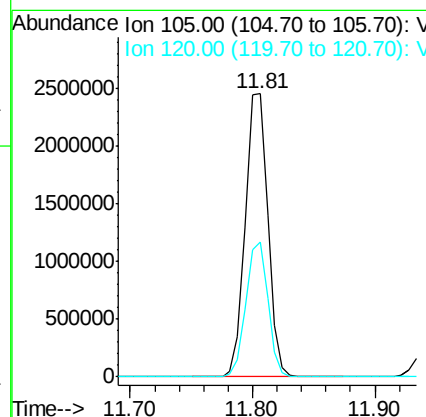
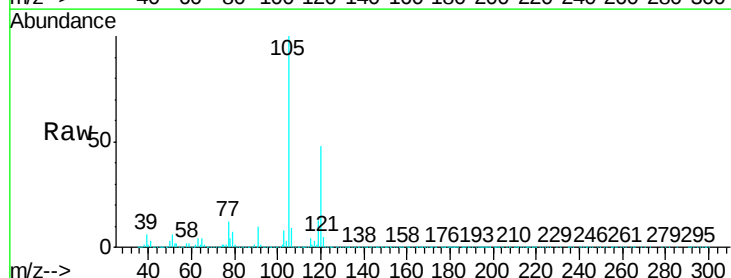
Instrument :
MSVOA_X
ClientSampled :
FD-111919DL

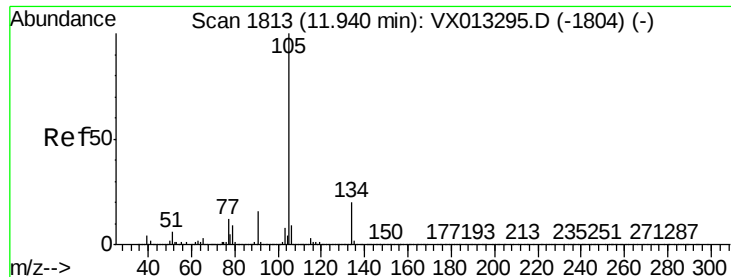
Tgt Ion:119 Resp: 52276
Ion Ratio Lower Upper
119 100
91 65.5 26.9 80.7
134 27.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 120.640 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013532.D
Acq: 22 Nov 2019 14:49

Tgt Ion:105 Resp: 3117989
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.1

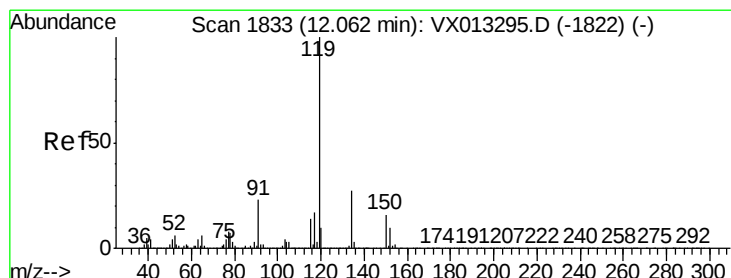
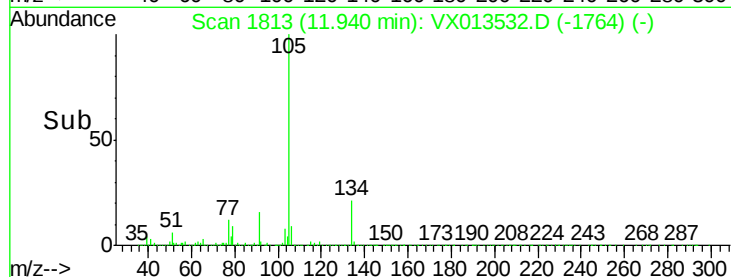
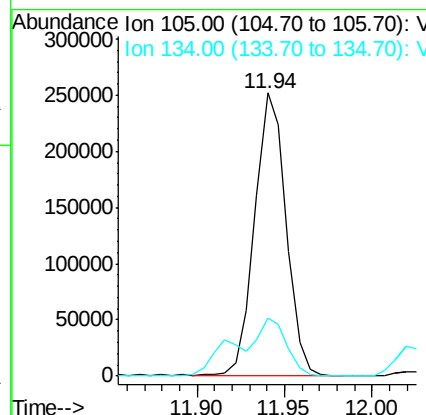
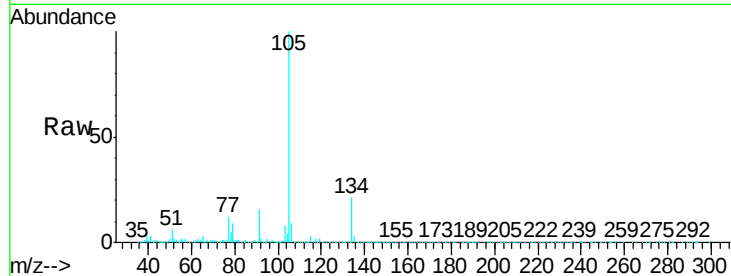




#85
 sec-Butylbenzene
 Concen: 10.476 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013532.D
 Acq: 22 Nov 2019 14:49

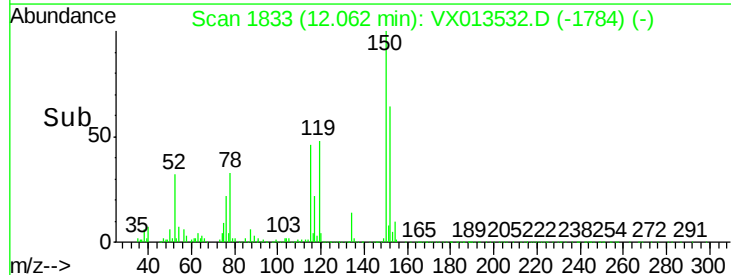
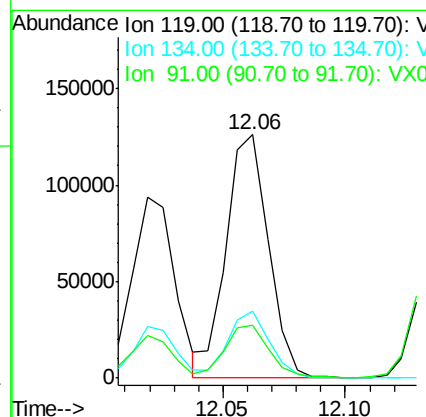
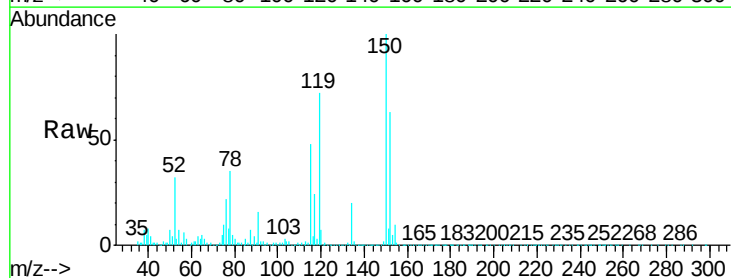
Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111919DL

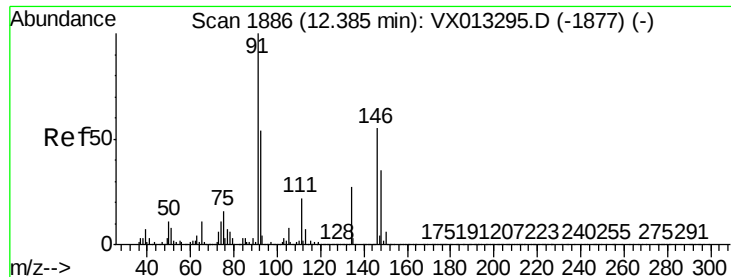
Tgt Ion:105 Resp: 312276
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 5.518 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013532.D
 Acq: 22 Nov 2019 14:49

Tgt Ion:119 Resp: 151457
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.5 11.5 34.4





#89

n-Butylbenzene

Concen: 9.232 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

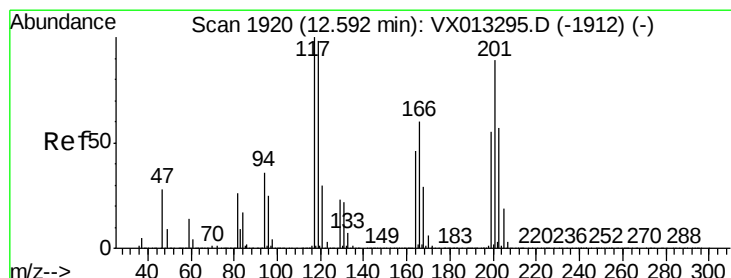
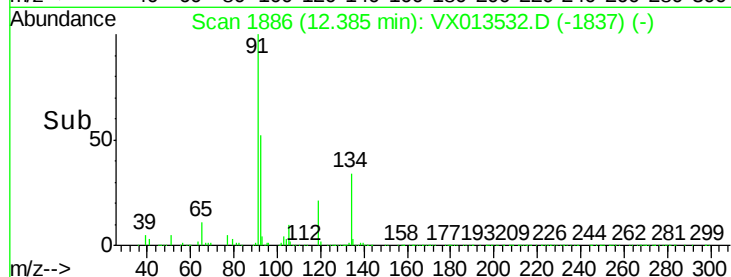
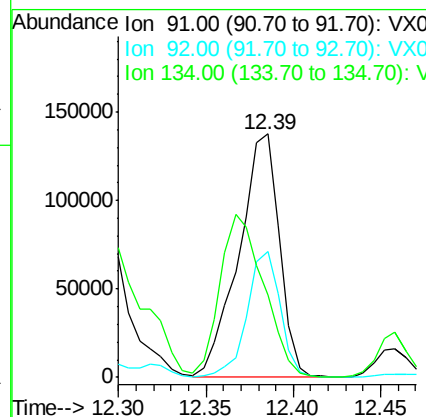
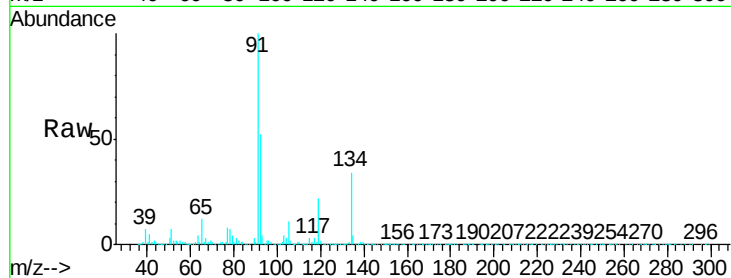
Instrument :

MSVOA_X

ClientSampleID :

FD-111919DL

Tgt Ion:	91	Resp:	221107
Ion	Ratio	Lower	Upper
91	100		
92	42.0	27.3	81.8
134	72.3	13.5	40.5#



#90

Hexachloroethane

Concen: 3.782 ug/l

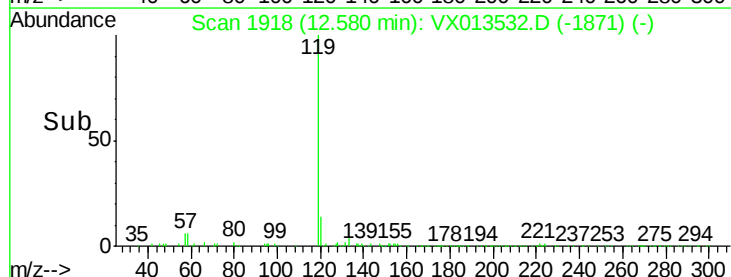
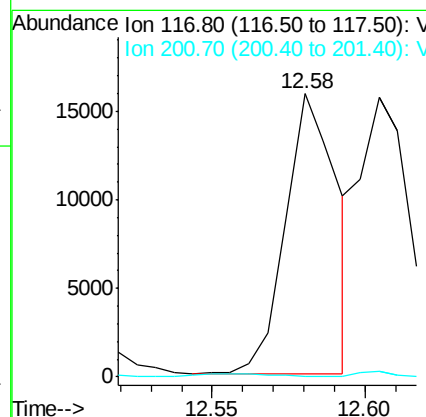
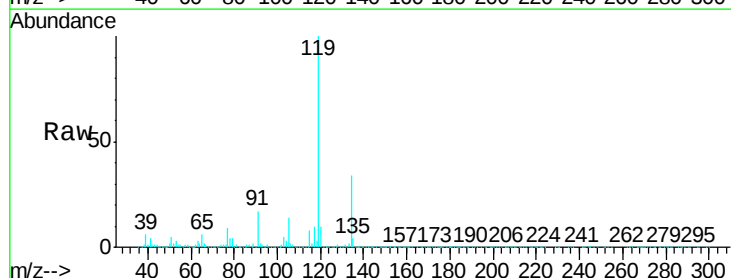
RT: 12.58 min Scan# 1918

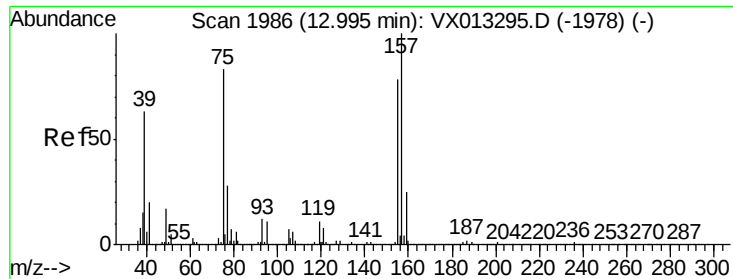
Delta R.T. -0.01 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Tgt Ion:	117	Resp:	18493
Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.9	131.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.675 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Instrument :

MSVOA_X

ClientSampled :

FD-111919DL

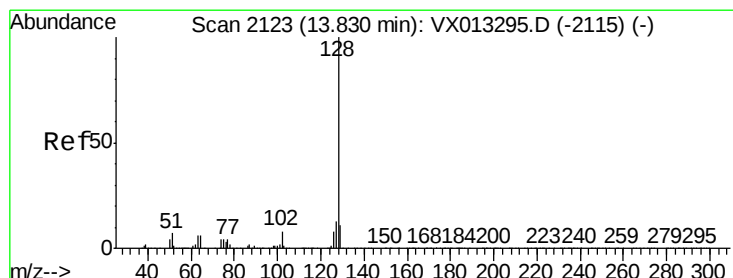
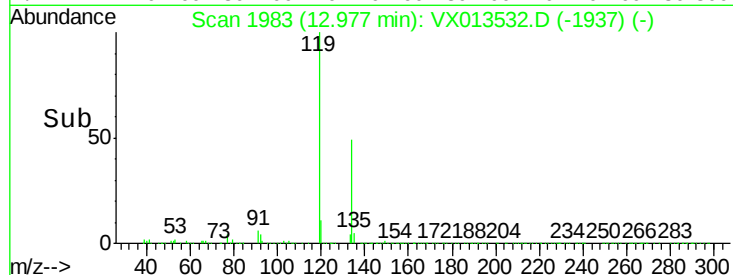
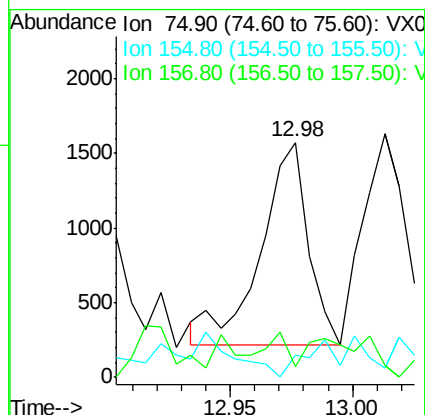
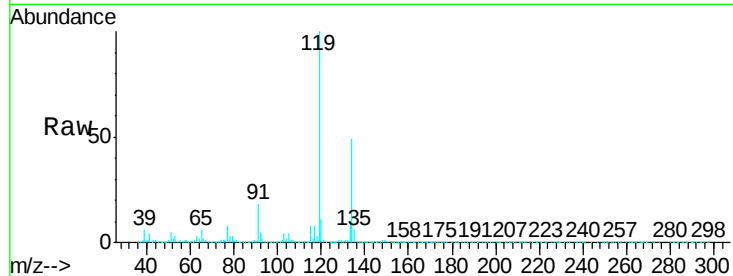
Tgt Ion: 75 Resp: 1856

Ion Ratio Lower Upper

75 100

155 12.1 47.1 141.4#

157 6.8 61.3 183.8#



#95

Naphthalene

Concen: 2.881 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013532.D

Acq: 22 Nov 2019 14:49

Tgt Ion: 128 Resp: 92627

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 12.5 8.5 12.7

