

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013507.D
 Acq On : 21 Nov 2019 16:46
 Operator : JC/SP
 Sample : K5958-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111919DL

Quant Time: Nov 22 01:09:57 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	716261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1154641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1044508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498645	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	421800	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.49	113	345685	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	1389810	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	484937	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1664	0.234	ug/l #	59
6) Chloroethane	1.70	64	993	Below Cal	#	60
10) Methyl Iodide	2.50	142	2338	0.281	ug/l #	68
11) Tert butyl alcohol	3.00	59	14624	6.539	ug/l #	83
13) Acrolein	2.27	56	343	0.283	ug/l #	5
16) Acetone	2.43	43	4527	1.070	ug/l #	65
17) Carbon Disulfide	2.56	76	3969	0.226	ug/l #	76
20) Methylene Chloride	2.84	84	3214	0.411	ug/l #	38
25) 2-Butanone	4.68	43	1447	0.233	ug/l #	65
30) Chloroform	5.20	83	8985	0.706	ug/l	90
36) 1,1-Dichloropropene	5.65	75	48860	4.933	ug/l #	50
38) Carbon Tetrachloride	5.65	117	62137	6.415	ug/l #	17
39) Methylcyclohexane	7.45	83	4832	0.391	ug/l	99
41) Methacrylonitrile	5.03	41	1378	0.201	ug/l #	65
49) 1,4-Dioxane	7.73	88	444	2.038	ug/l #	24
55) 1,1,2-Trichloroethane	9.16	97	8373	1.056	ug/l #	18
56) Ethyl methacrylate	9.16	69	2001	1.706	ug/l #	1
64) Tetrachloroethene	9.33	164	1560	0.209	ug/l #	83
67) Ethyl Benzene	10.25	91	214863	5.887	ug/l	98
68) m/p-Xylenes	10.36	106	93600	6.781	ug/l	98
71) Bromoform	10.85	173	126	3.219	ug/l #	28
73) Isopropylbenzene	11.01	105	517671	15.658	ug/l	99
74) N-amyl acetate	10.90	43	19433	1.268	ug/l #	1
76) 1,2,3-Trichloropropane	11.45	75	7156	0.707	ug/l #	1
78) n-propylbenzene	11.35	91	1154016	31.335	ug/l	100
79) 2-Chlorotoluene	11.45	91	105773	4.767	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	734024	26.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	237453	60.347	ug/l #	9
82) 4-Chlorotoluene	11.50	91	77979	3.002	ug/l #	48
83) tert-Butylbenzene	11.76	119	73077	2.636	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	3814994	138.101	ug/l	96
85) sec-Butylbenzene	11.94	105	442385	13.885	ug/l	99
86) p-Isopropyltoluene	12.06	119	211586	7.212	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	3519	0.220	ug/l #	1

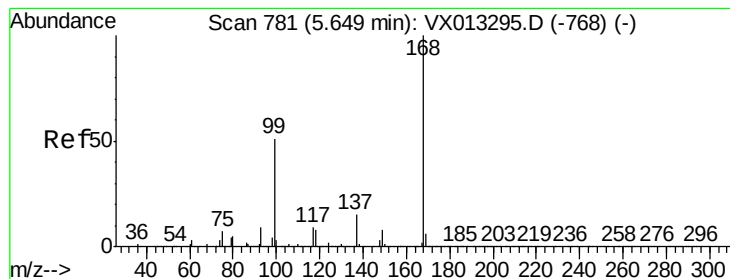
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013507.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	320006	12.501	ug/l #	61
90) Hexachloroethane	12.58	117	25240	4.829	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.64	180	2765	0.252	ug/l #	1
94) Hexachlorobutadiene	13.78	225	1711	0.319	ug/l	89
95) Naphthalene	13.83	128	137324	3.996	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	2807	0.256	ug/l #	46

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

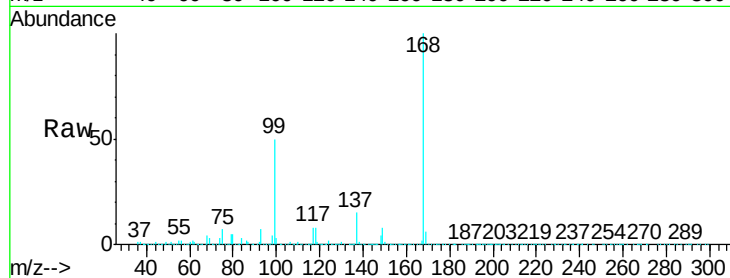
FD-111919DL

Tgt Ion: 168 Resp: 716261

Ion Ratio Lower Upper

168 100

99 49.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

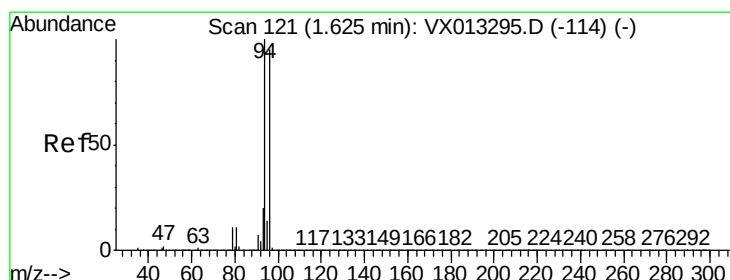
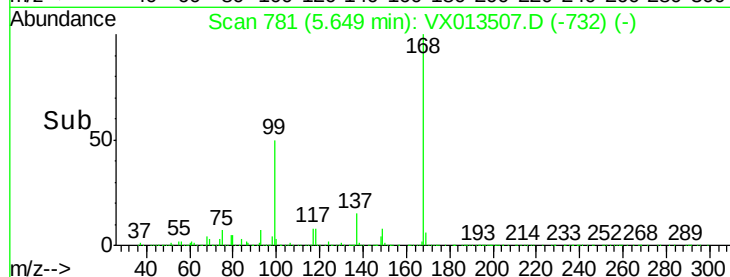
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.234 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013507.D

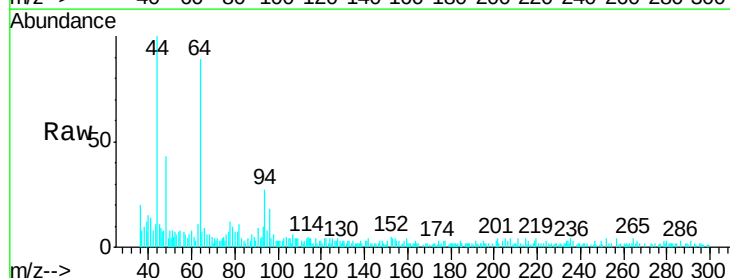
Acq: 21 Nov 2019 16:46

Tgt Ion: 94 Resp: 1664

Ion Ratio Lower Upper

94 100

96 55.4 75.8 113.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

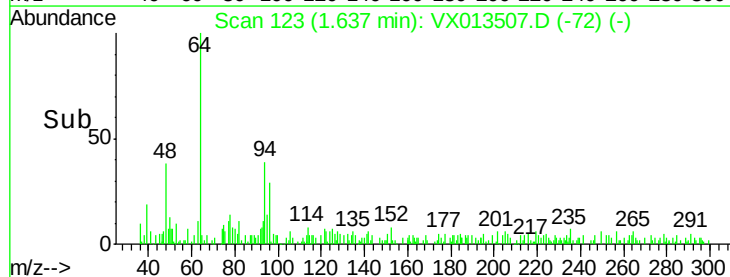
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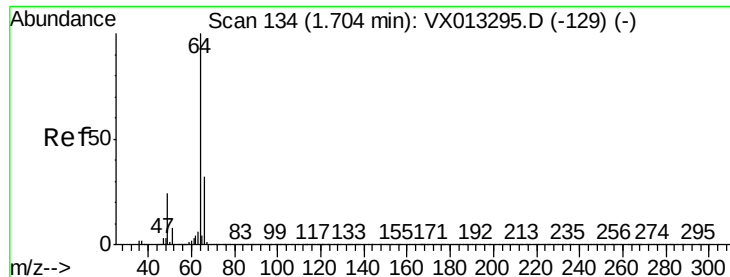
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

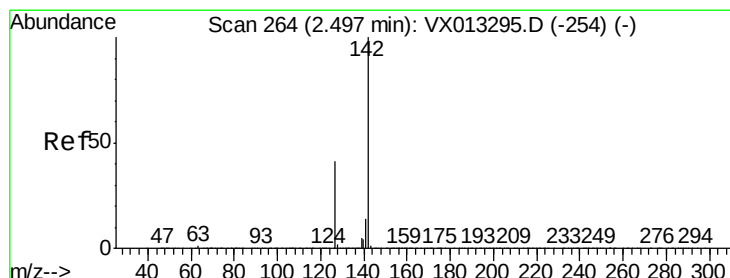
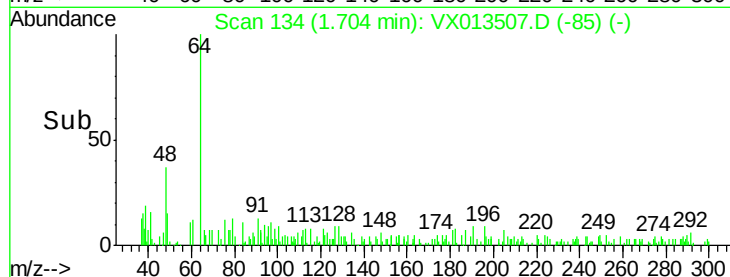
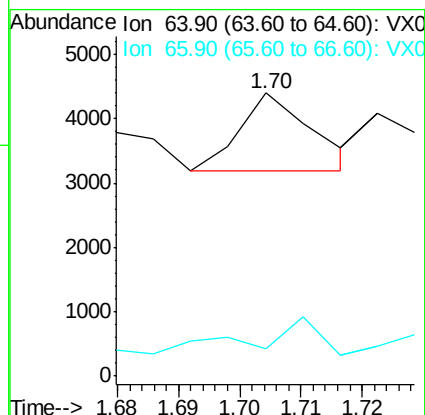
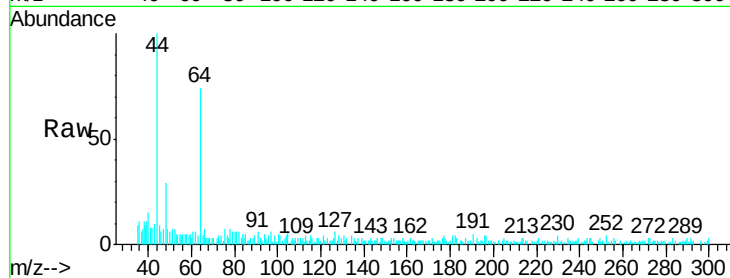
FD-111919DL

Tgt Ion: 64 Resp: 993

Ion Ratio Lower Upper

64 100

66 9.5 25.6 38.4#



#10

Methyl Iodide

Concen: 0.281 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

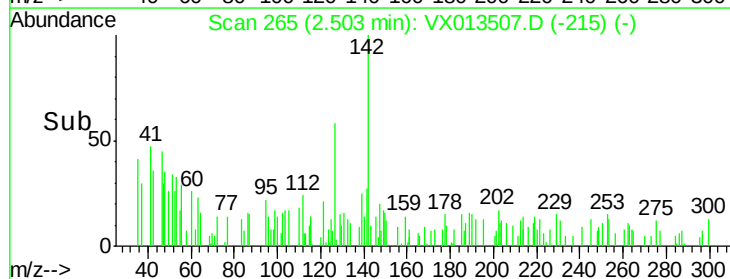
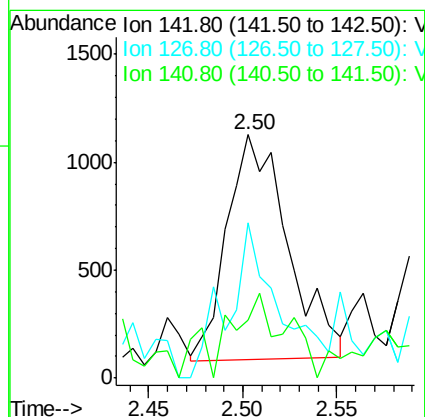
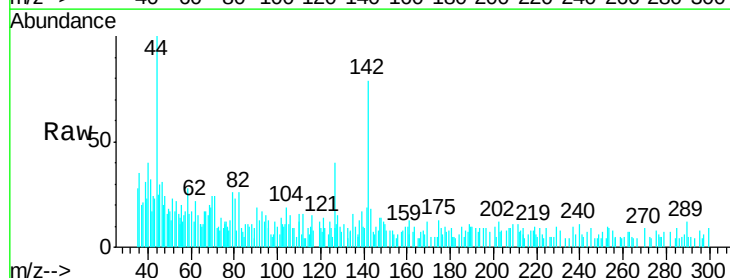
Tgt Ion: 142 Resp: 2338

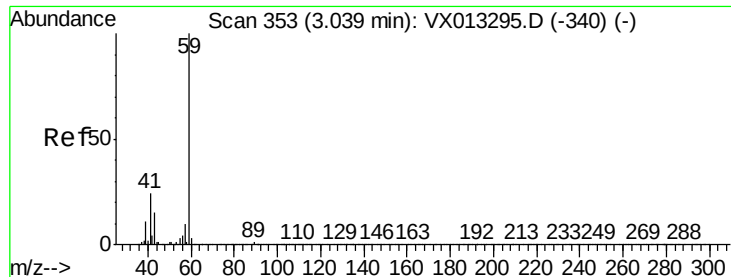
Ion Ratio Lower Upper

142 100

127 58.5 32.6 49.0#

141 31.8 11.6 17.4#



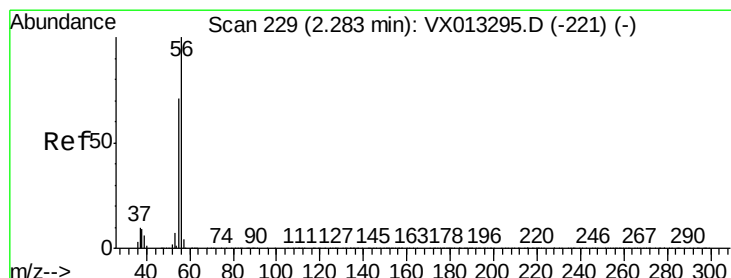
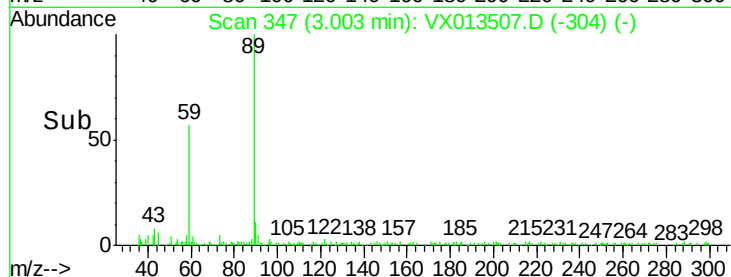
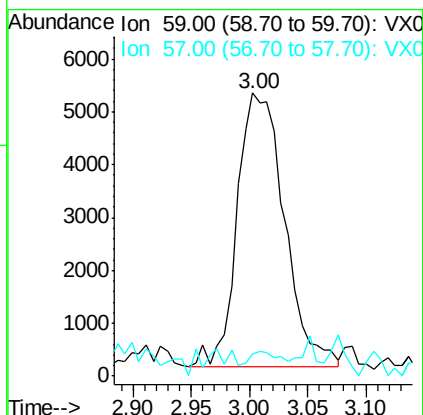
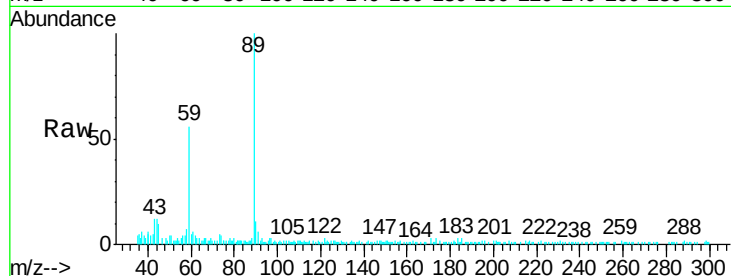


#11

Tert butyl alcohol
Concen: 6.539 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampled :
FD-111919DL

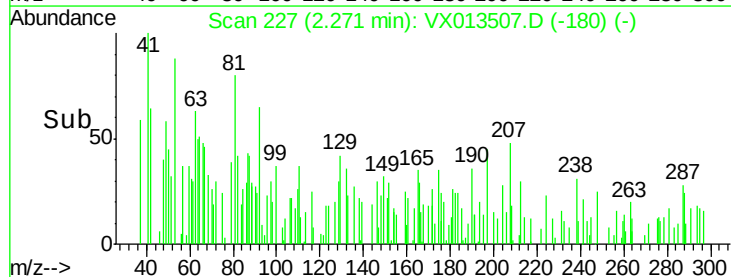
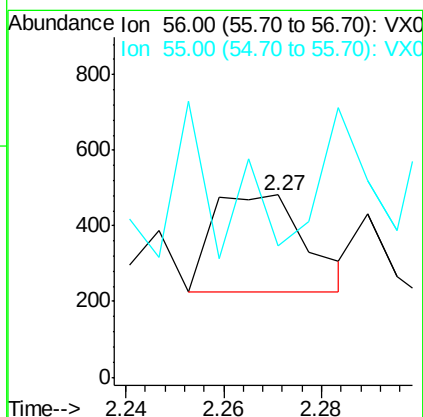
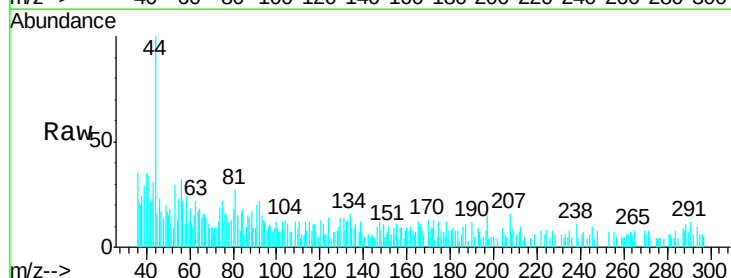
Tgt Ion: 59 Resp: 14624
Ion Ratio Lower Upper
59 100
57 3.5 8.0 12.0#

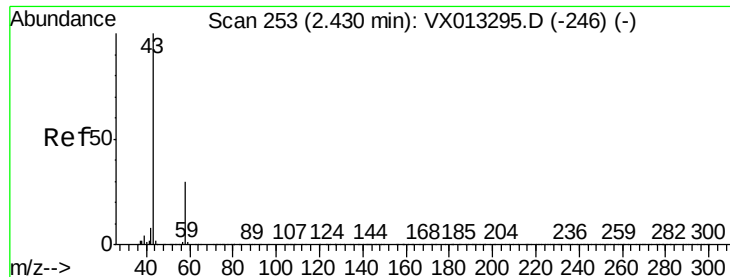


#13

Acrolein
Concen: 0.283 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 151.0 57.4 86.0#





#16

Acetone

Concen: 1.070 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

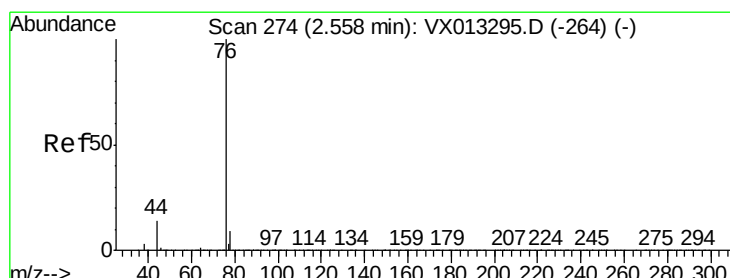
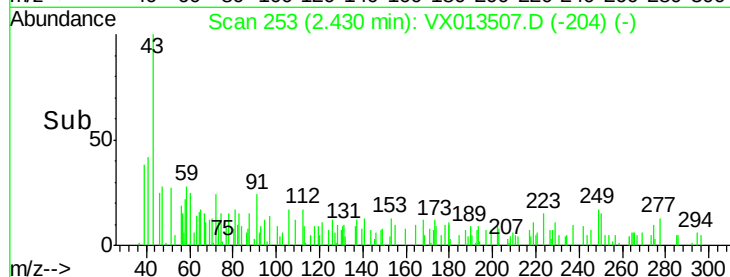
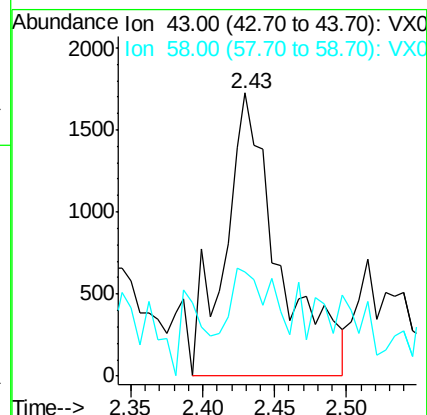
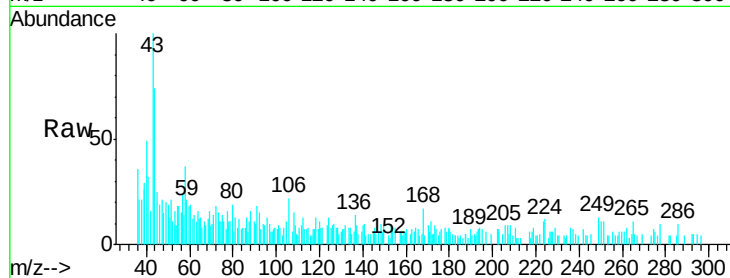
FD-111919DL

Tgt Ion: 43 Resp: 4527

Ion Ratio Lower Upper

43 100

58 11.1 24.3 36.5#



#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013507.D

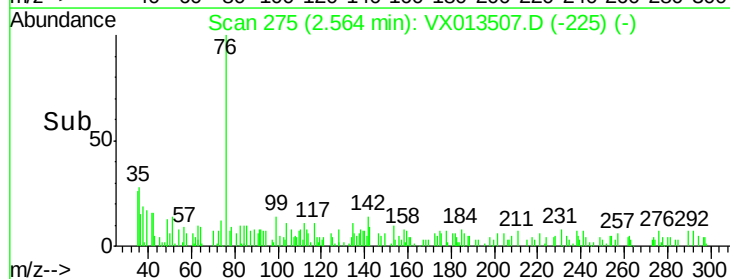
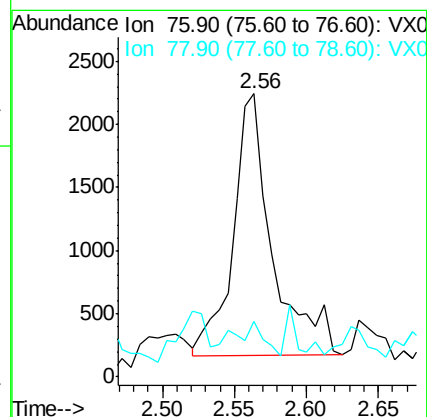
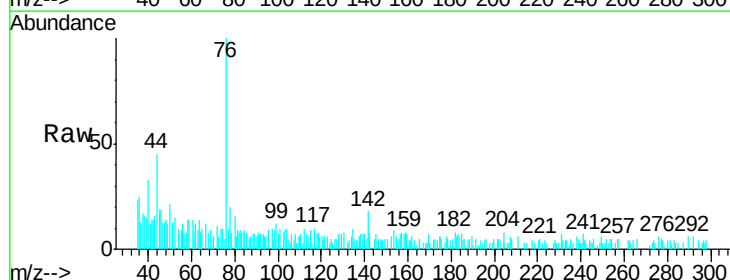
Acq: 21 Nov 2019 16:46

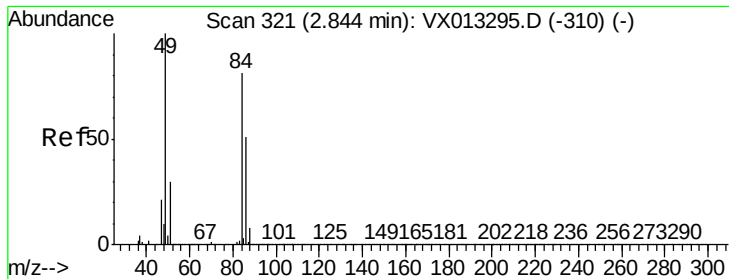
Tgt Ion: 76 Resp: 3969

Ion Ratio Lower Upper

76 100

78 17.3 7.0 10.6#

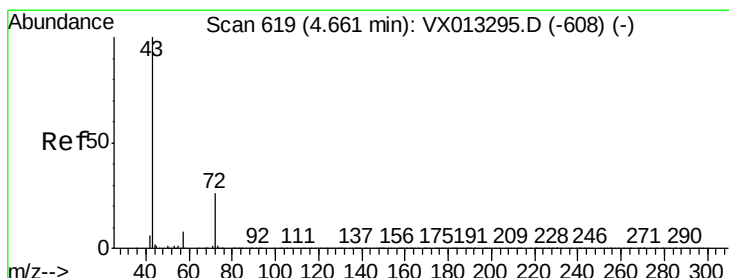
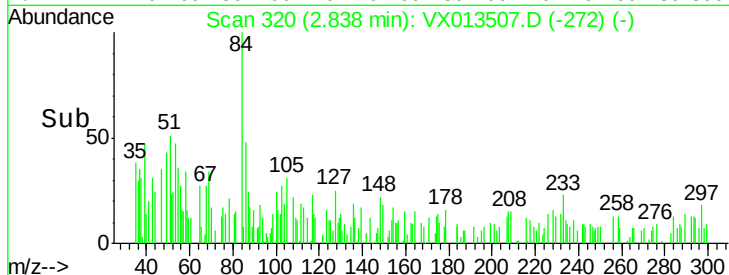
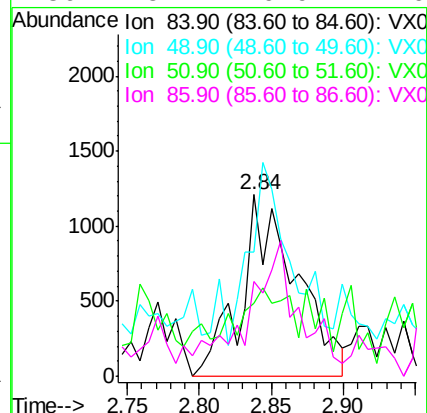
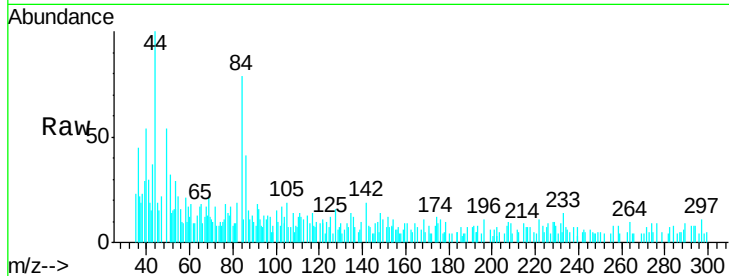




#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

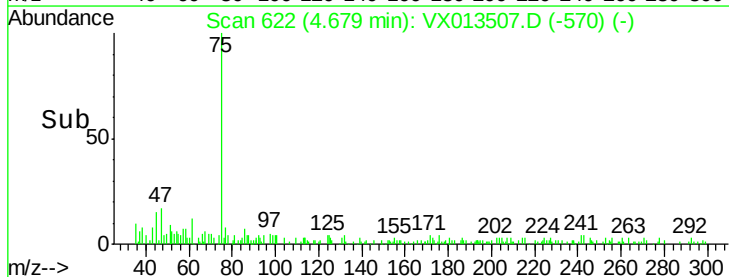
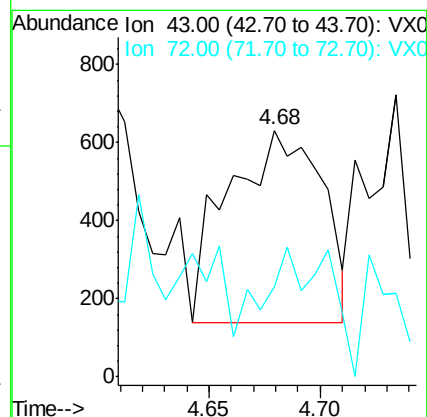
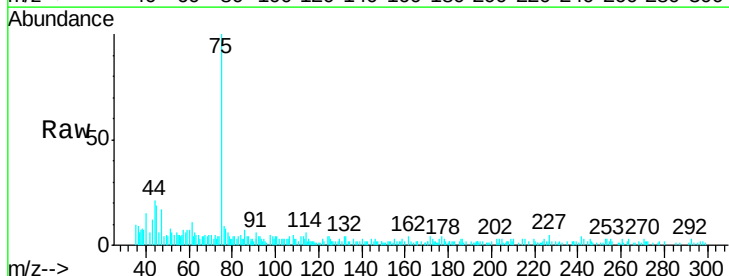
Instrument :
MSVOA_X
ClientSampled :
FD-111919DL

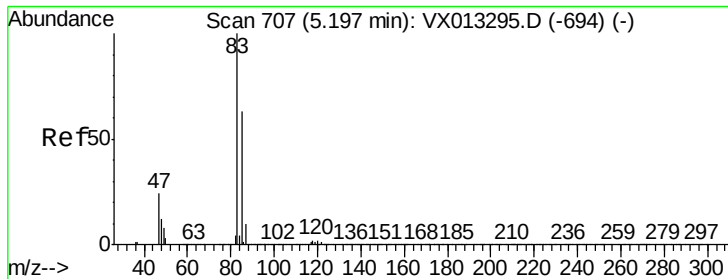
Tgt Ion: 84 Resp: 3214
Ion Ratio Lower Upper
84 100
49 20.5 98.2 147.4#
51 15.6 29.9 44.9#
86 45.4 49.9 74.9#



#25
2-Butanone
Concen: 0.233 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 44.1 21.0 31.6#

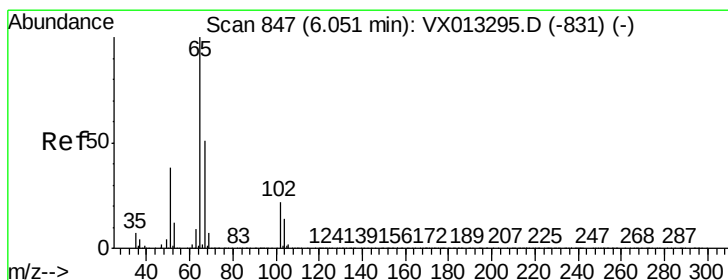
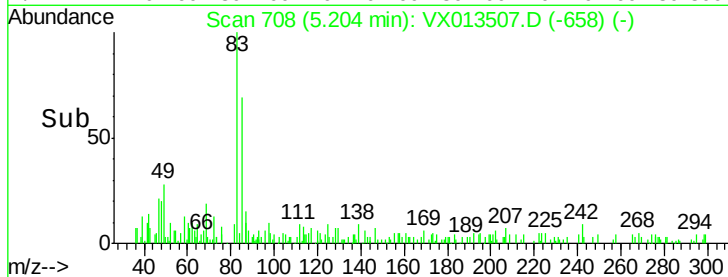
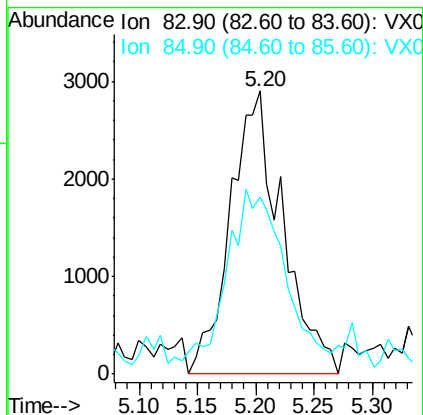
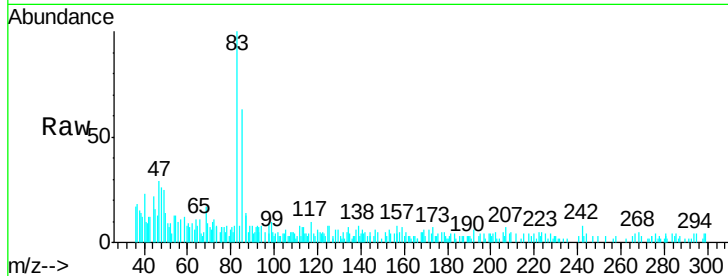




#30
Chloroform
Concen: 0.706 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

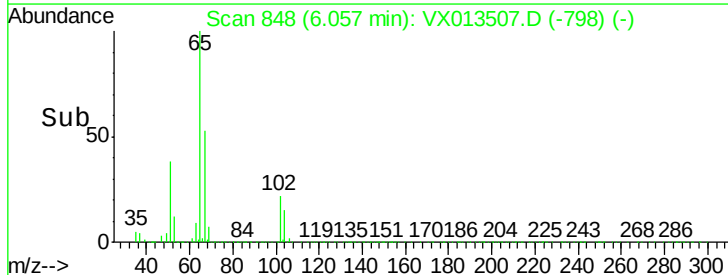
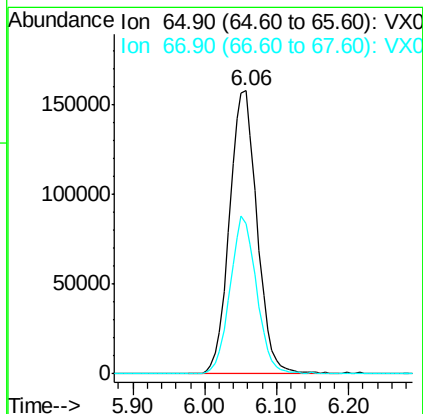
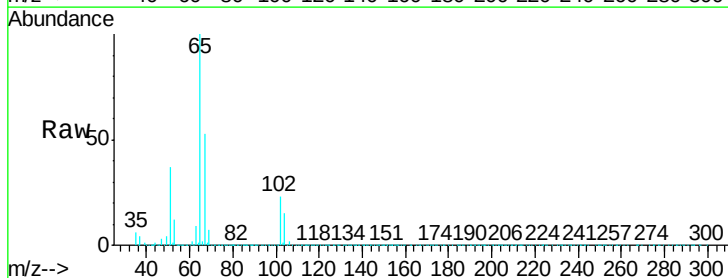
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

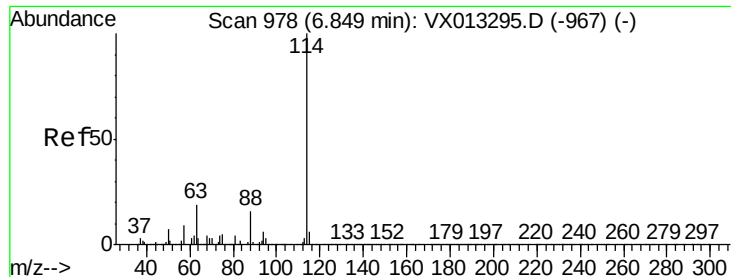
Tgt Ion: 83 Resp: 8985
Ion Ratio Lower Upper
83 100
85 54.8 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 49.708 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 65 Resp: 421800
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.2

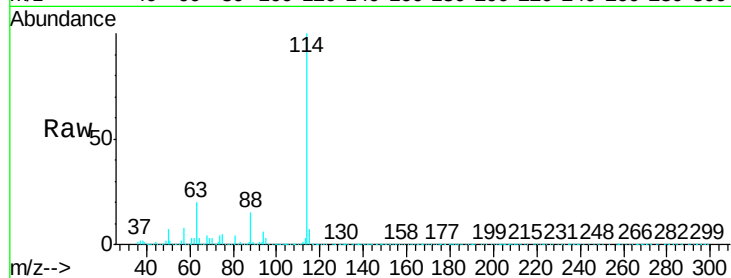




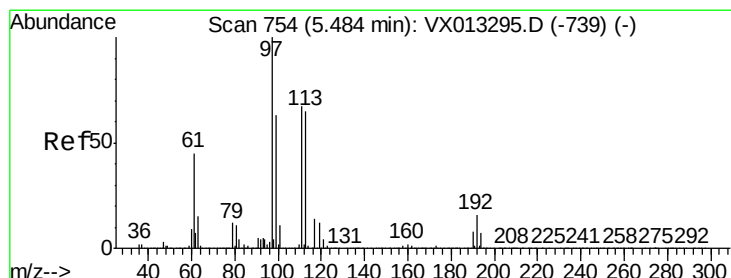
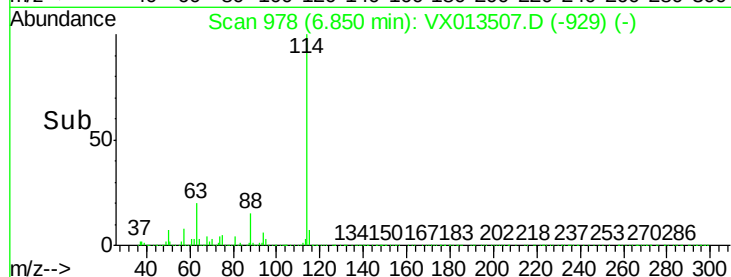
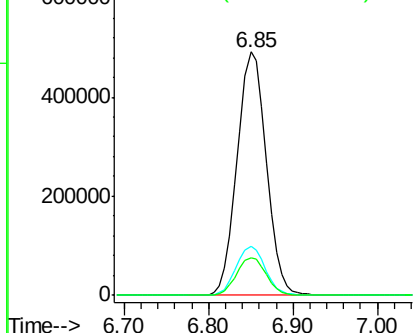
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111919DL

Tgt Ion:114 Resp: 1154641
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 15.2 0.0 32.2

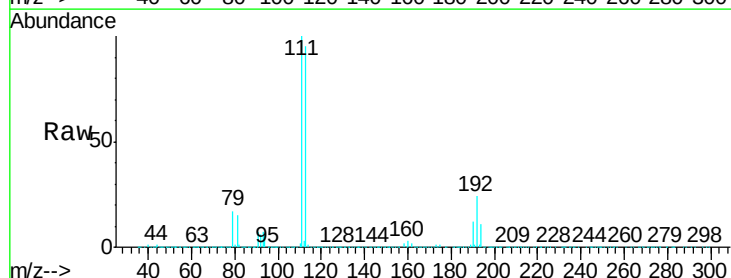


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

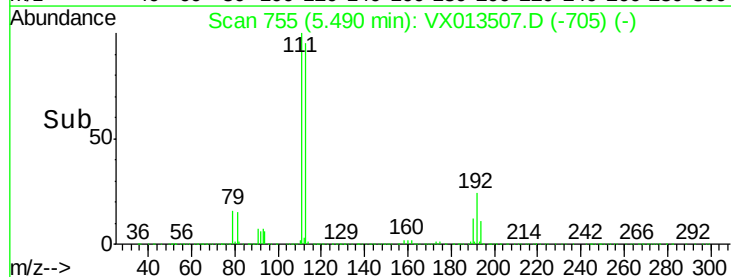
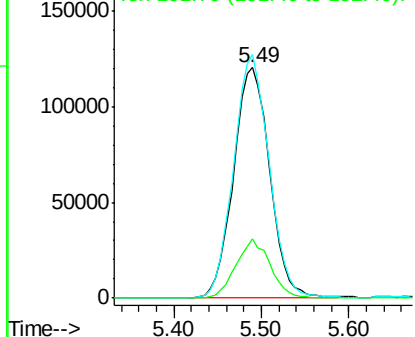


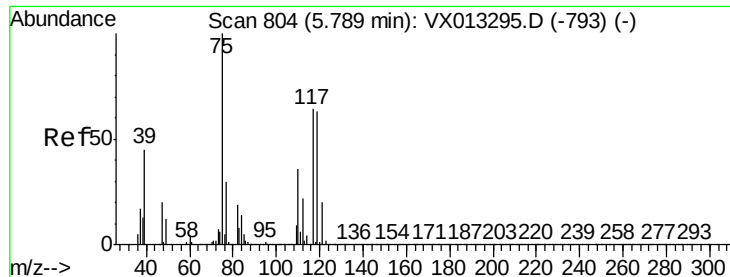
#35
 Dibromofluoromethane
 Concen: 47.733 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion:113 Resp: 345685
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 24.1 19.1 28.7



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

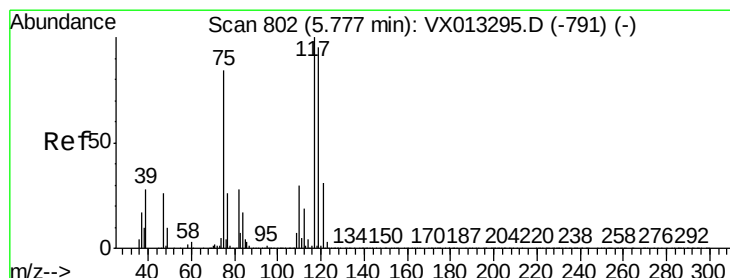
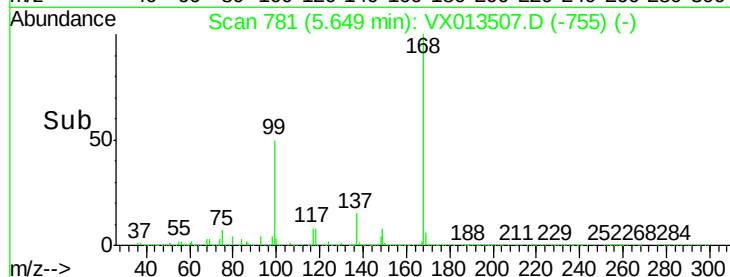
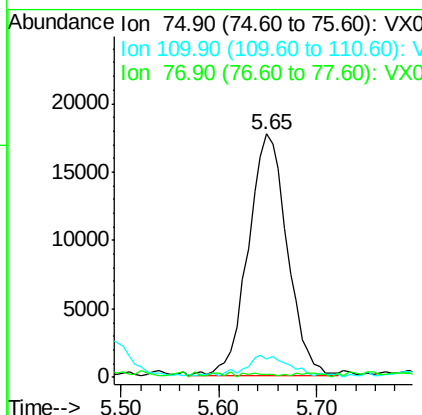
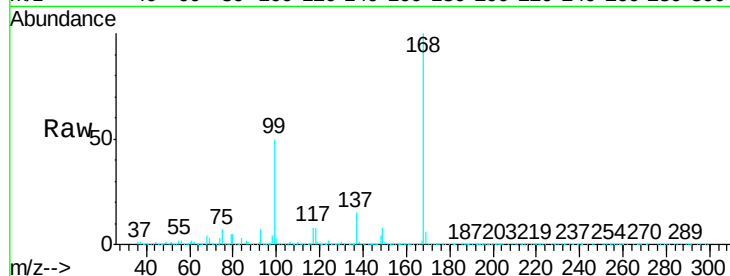




#36
 1,1-Dichloropropene
 Concen: 4.933 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

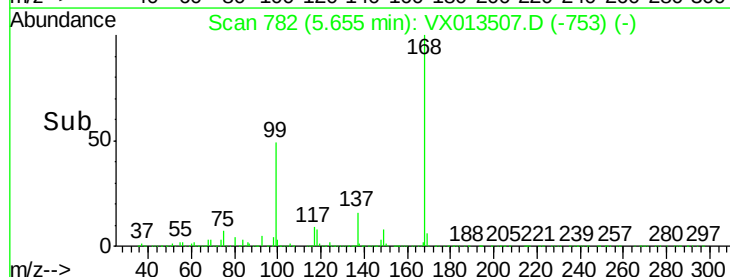
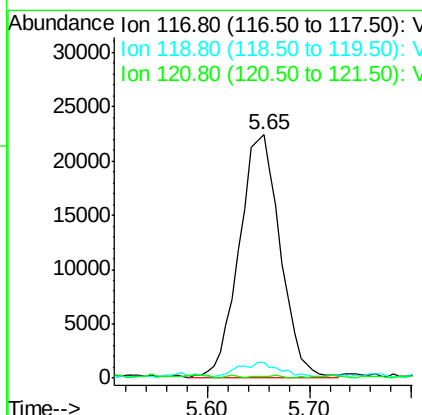
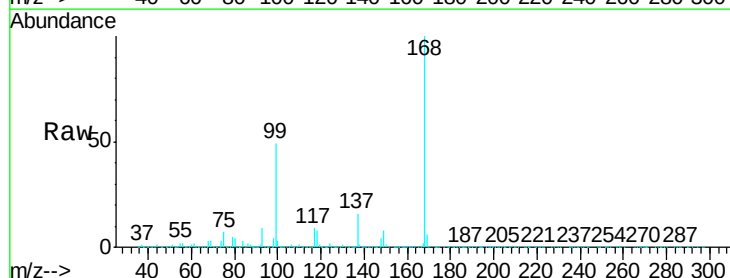
Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111919DL

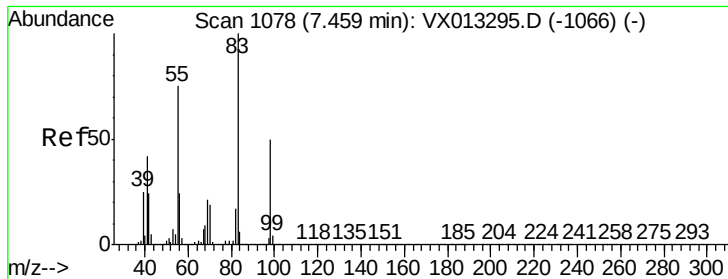
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.9	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.415 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	1.0	24.6	37.0#

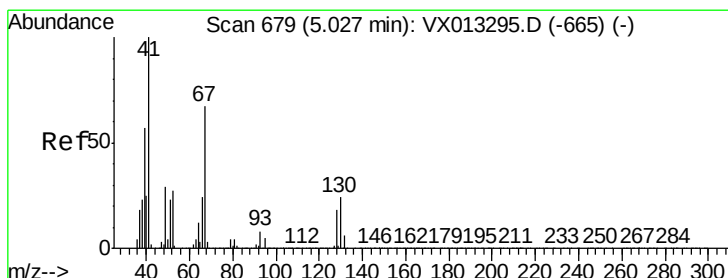
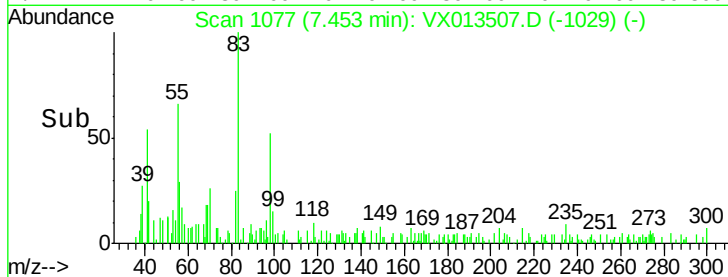
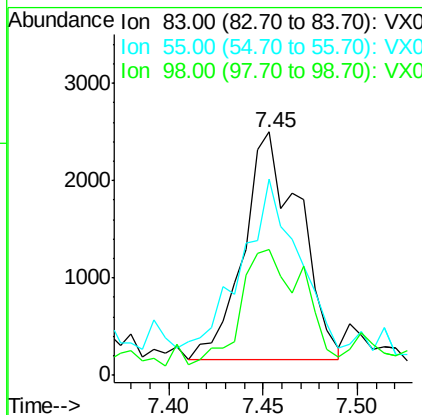
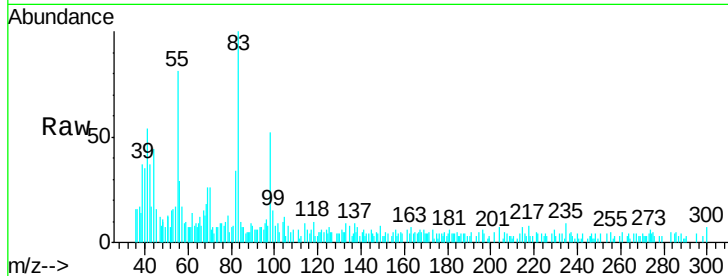




#39
Methylcyclohexane
Concen: 0.391 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

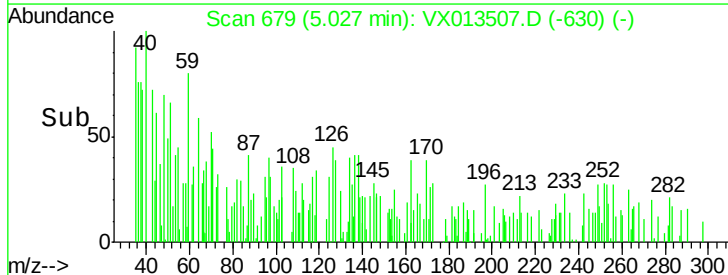
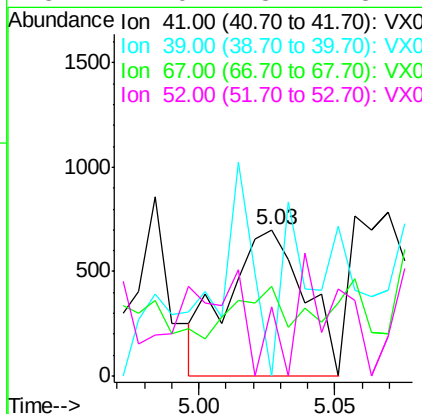
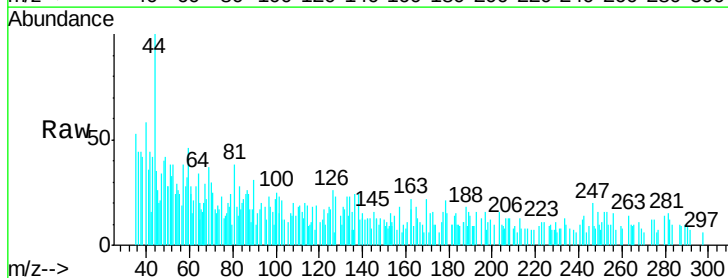
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

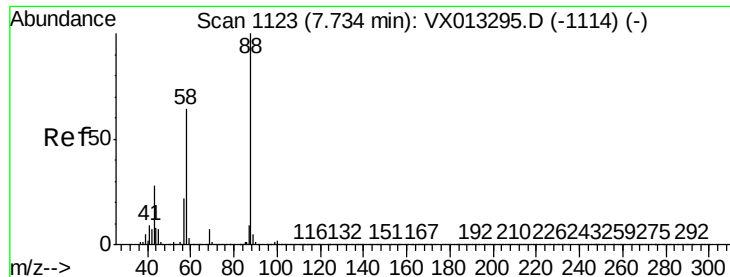
Tgt Ion:	83	Resp:	4832
Ion	Ratio	Lower	Upper
83	100		
55	74.2	60.3	90.5
98	50.2	40.3	60.5



#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion:	41	Resp:	1378
Ion	Ratio	Lower	Upper
41	100		
39	44.0	45.0	67.6#
67	25.9	55.4	83.2#
52	42.0	23.1	34.7#

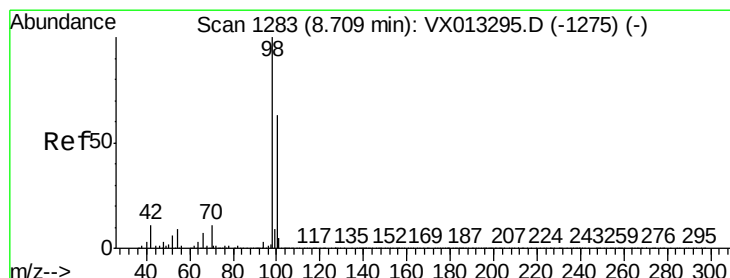
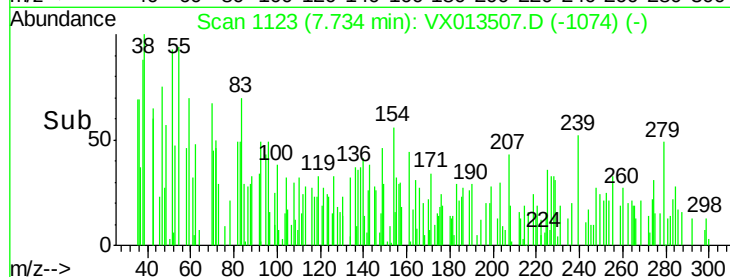
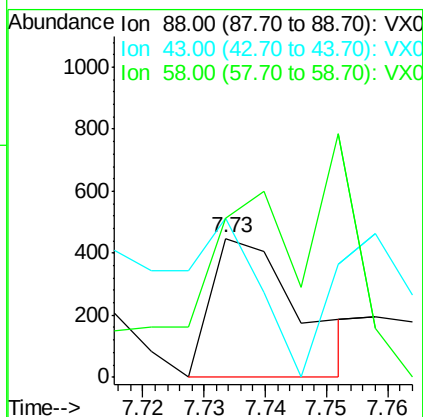
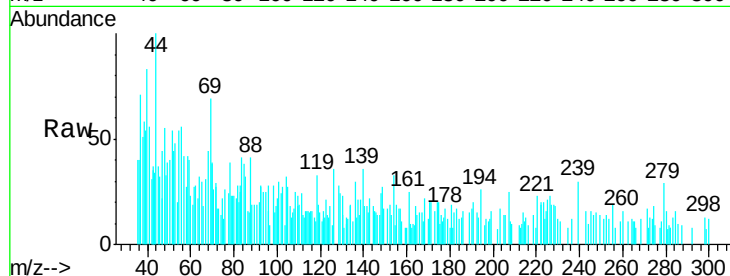




#49
1,4-Dioxane
Concen: 2.038 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

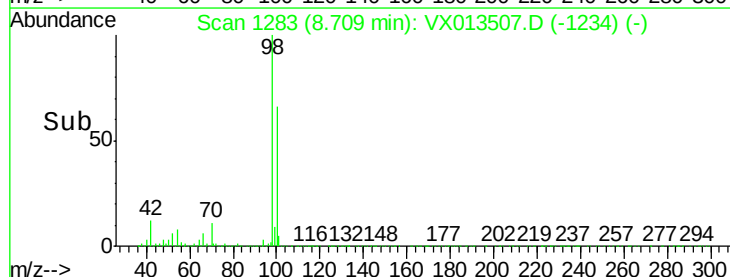
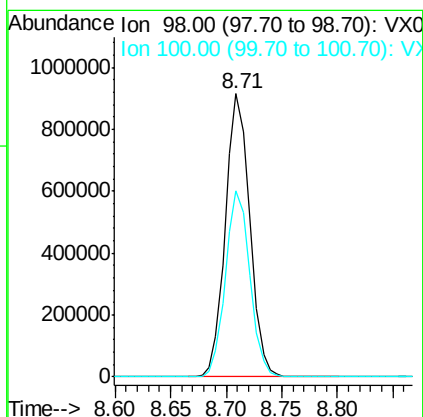
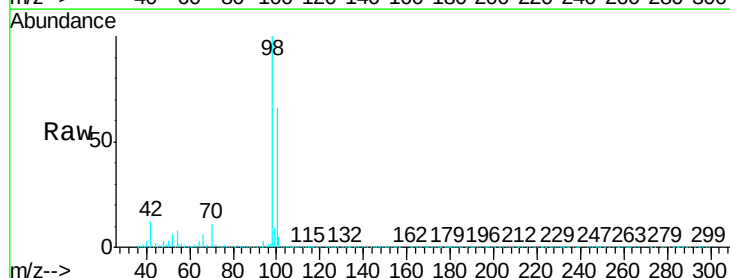
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

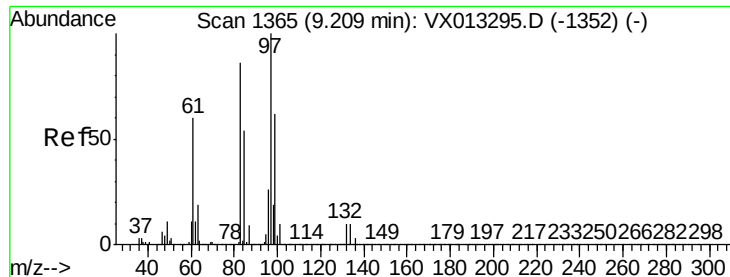
Tgt Ion: 88 Resp: 444
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 50.905 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 98 Resp: 1389810
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2





#55

1,1,2-Trichloroethane

Concen: 1.056 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

FD-111919DL

Tgt Ion: 97 Resp: 8373

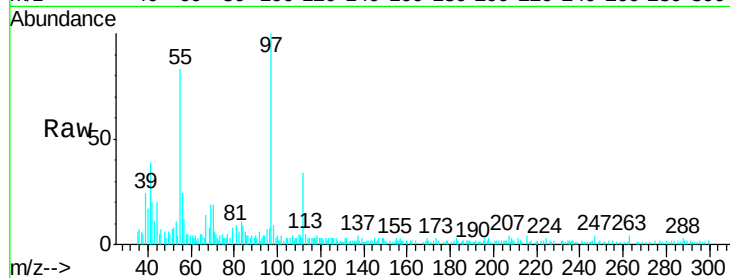
Ion Ratio Lower Upper

97 100

83 3.5 68.6 103.0#

85 2.3 43.1 64.7#

99 0.0 49.4 74.0#

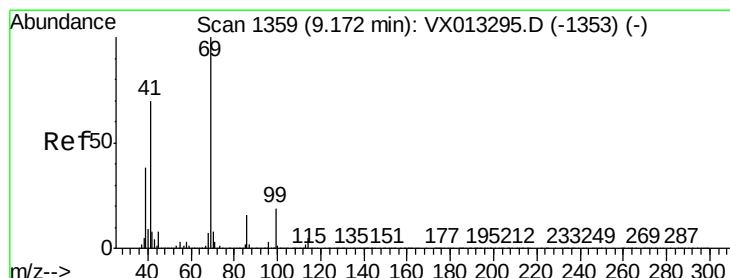
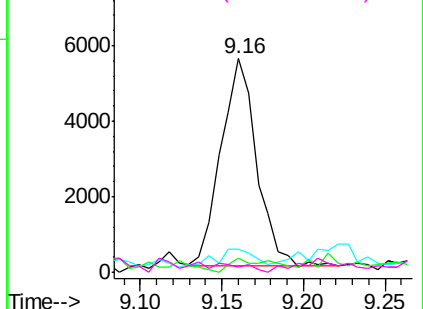
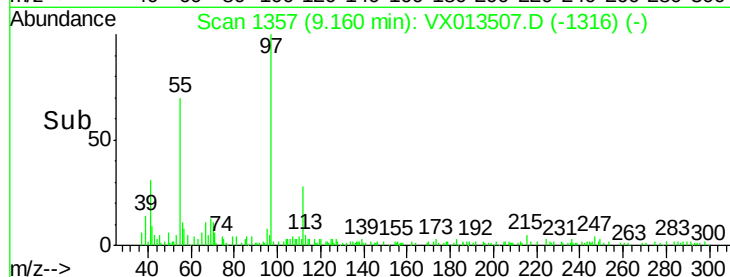


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 1.706 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

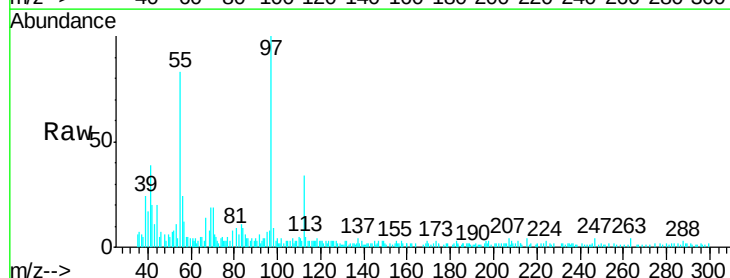
Tgt Ion: 69 Resp: 2001

Ion Ratio Lower Upper

69 100

41 179.3 56.2 84.2#

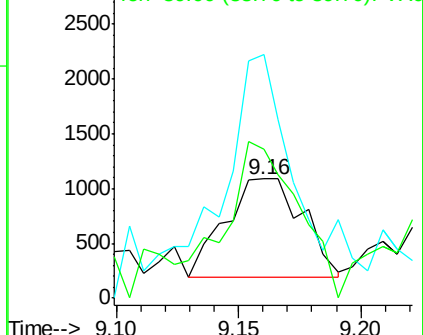
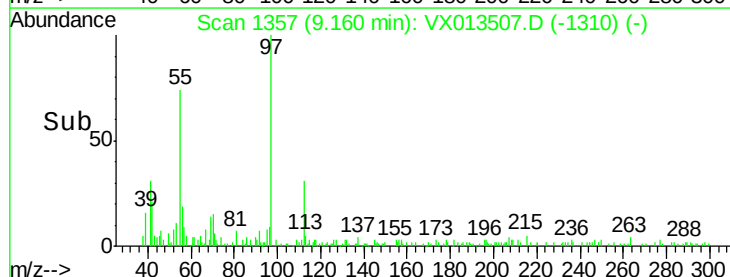
39 148.9 31.1 46.7#

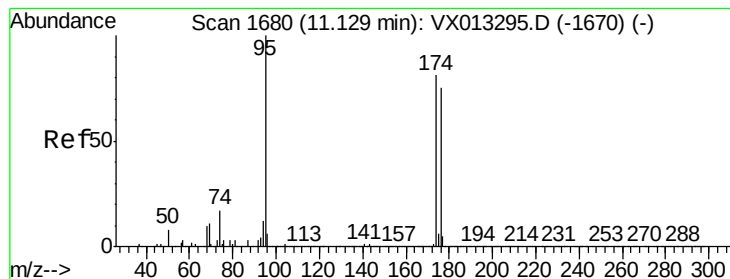


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.215 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

FD-111919DL

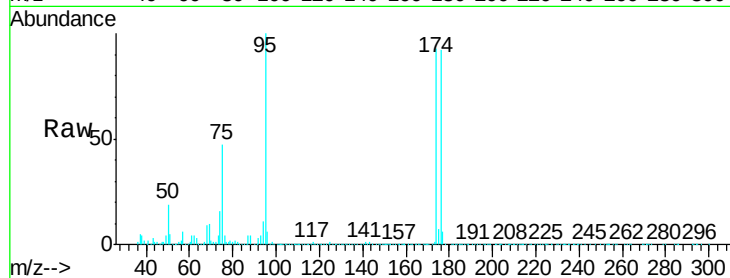
Tgt Ion: 95 Resp: 484937

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

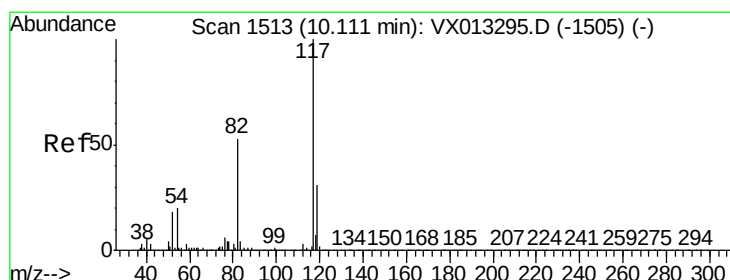
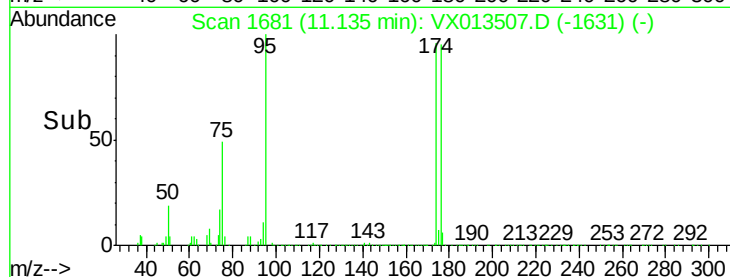
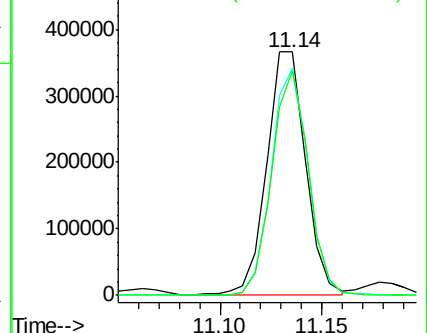
176 87.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013295.D (-1670) (-)

Ion 173.80 (173.50 to 174.50): VX013295.D (-1670) (-)

Ion 175.80 (175.50 to 176.50): VX013295.D (-1670) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

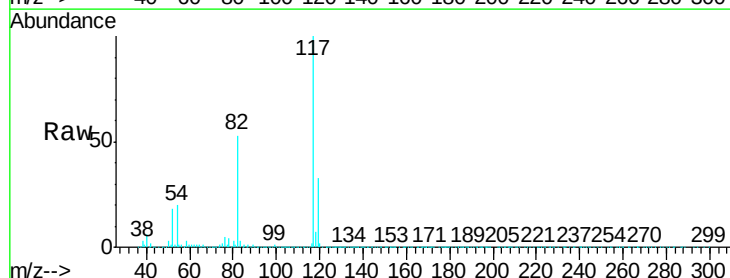
Tgt Ion: 117 Resp: 1044508

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

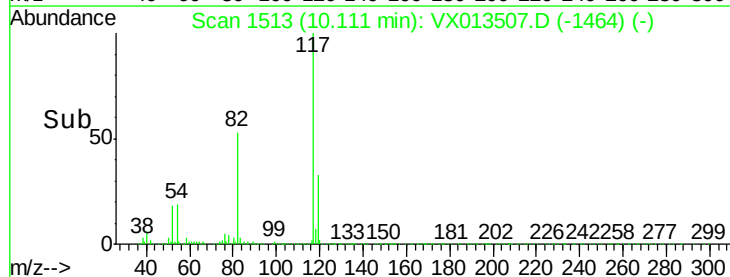
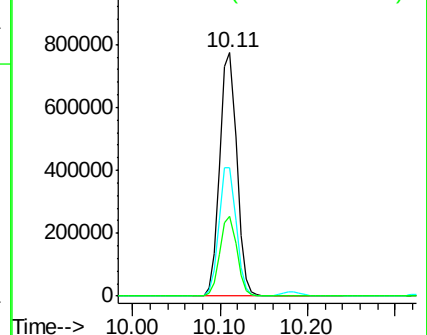
119 33.0 24.8 37.2

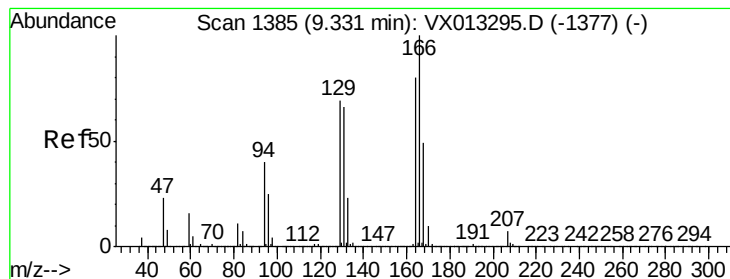


Abundance Ion 116.90 (116.60 to 117.60): VX013295.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013295.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013295.D (-1505) (-)





#64

Tetrachloroethene

Concen: 0.209 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

FD-111919DL

Tgt Ion:164 Resp: 1560

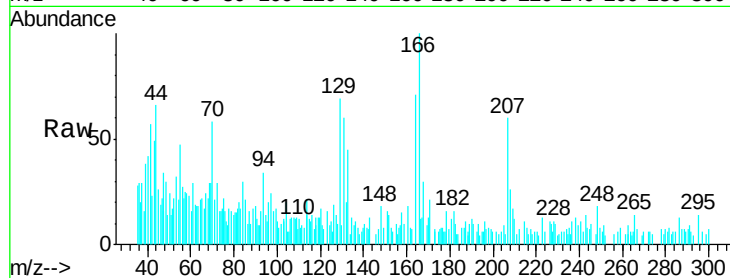
Ion Ratio Lower Upper

164 100

166 141.3 100.4 150.6

129 76.0 69.4 104.2

131 59.3 66.6 100.0#

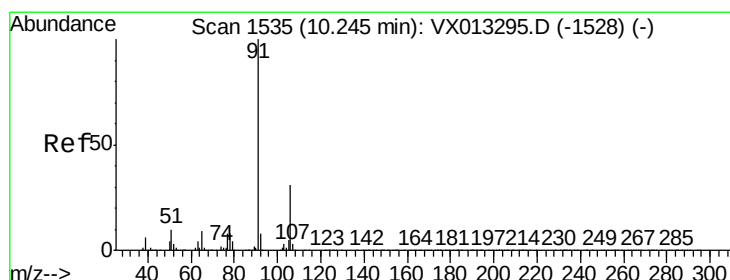
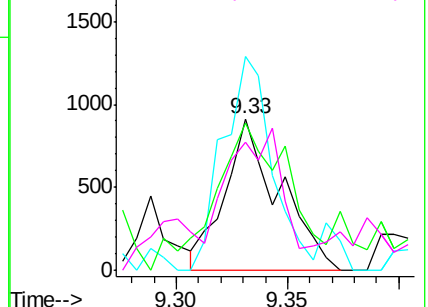
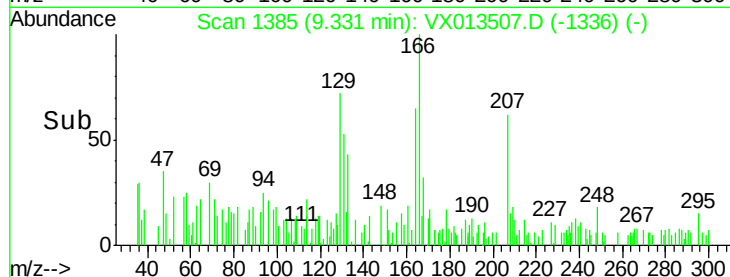


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 5.887 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013507.D

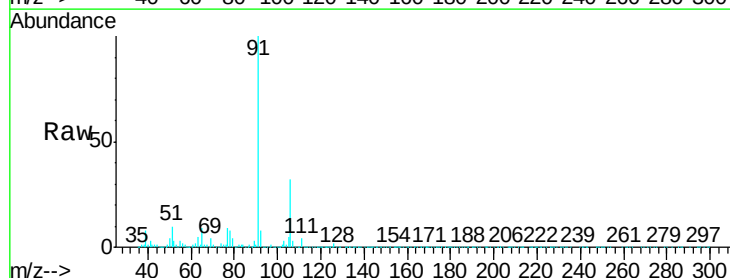
Acq: 21 Nov 2019 16:46

Tgt Ion: 91 Resp: 214863

Ion Ratio Lower Upper

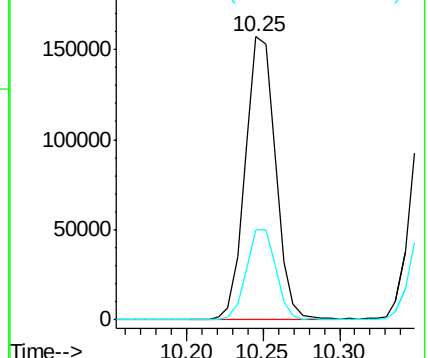
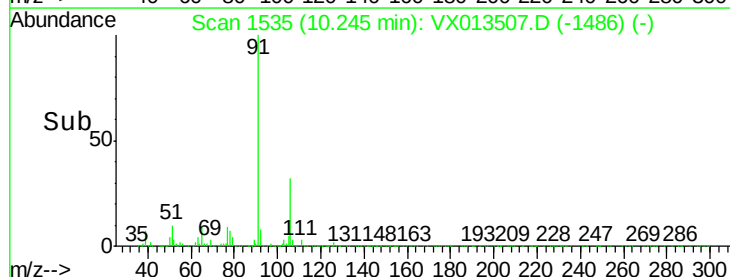
91 100

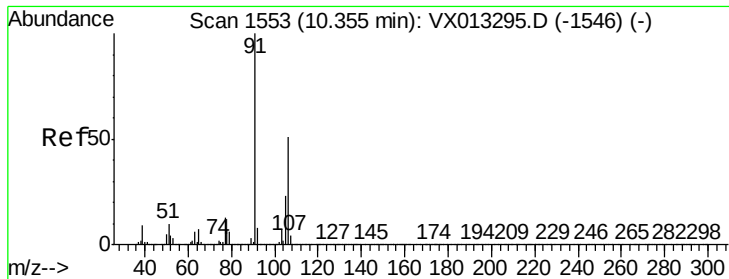
106 31.6 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 6.781 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

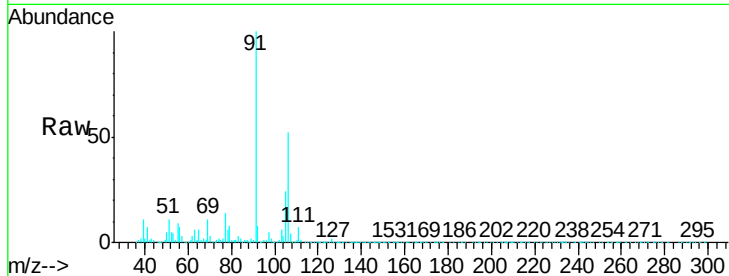
FD-111919DL

Tgt Ion:106 Resp: 93600

Ion Ratio Lower Upper

106 100

91 196.4 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

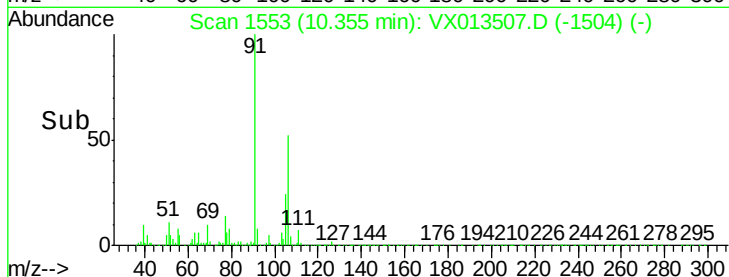
150000

100000

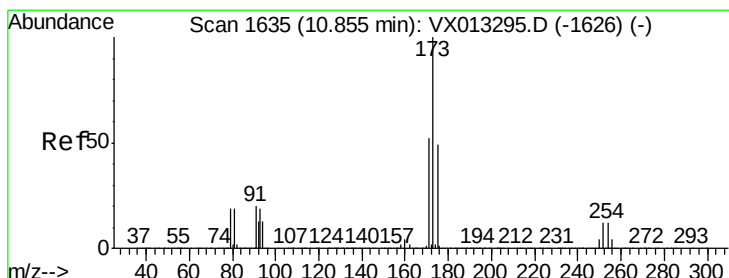
50000

0

10.30 10.35 10.40



Time-->



#71

Bromoform

Concen: 3.219 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

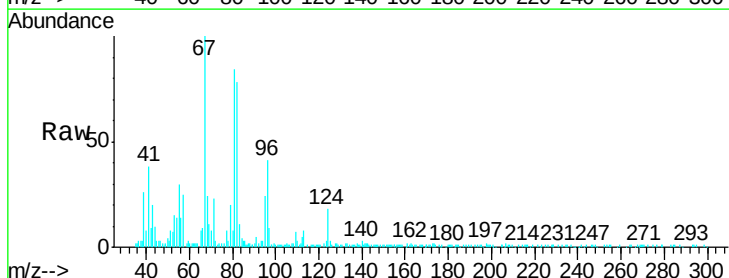
Tgt Ion:173 Resp: 126

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 149.2 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

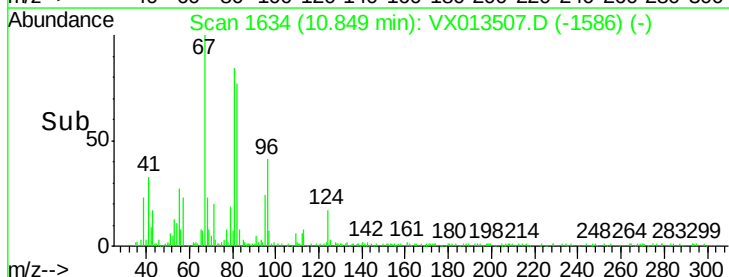
300

200

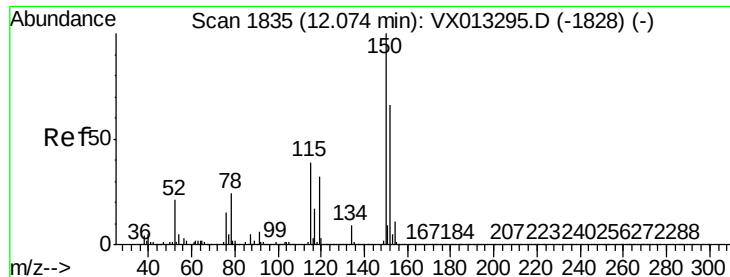
100

0

10.84 10.85 10.86



Time-->

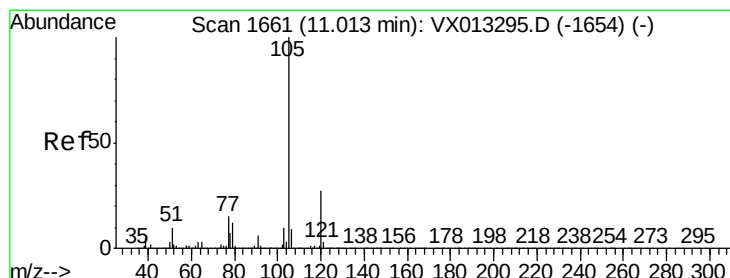
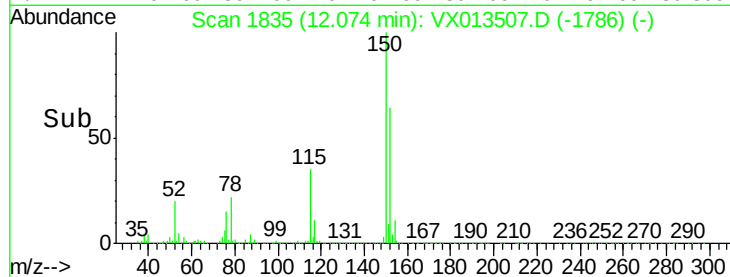
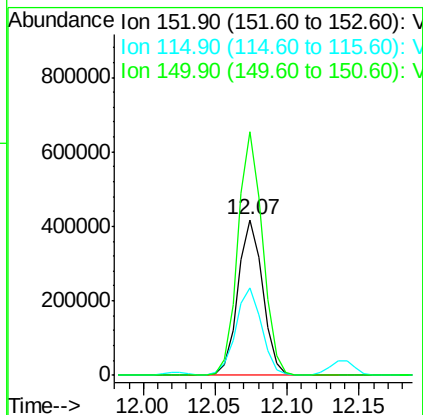
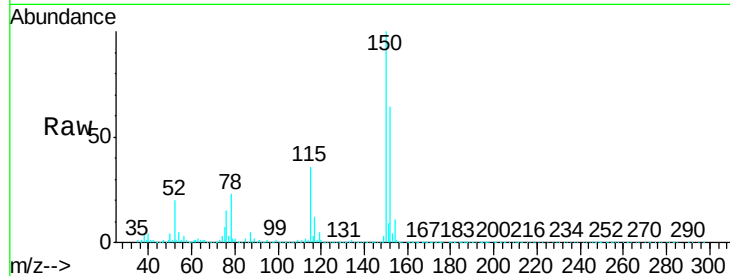


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

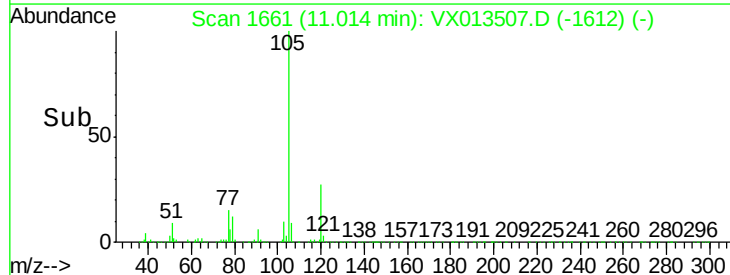
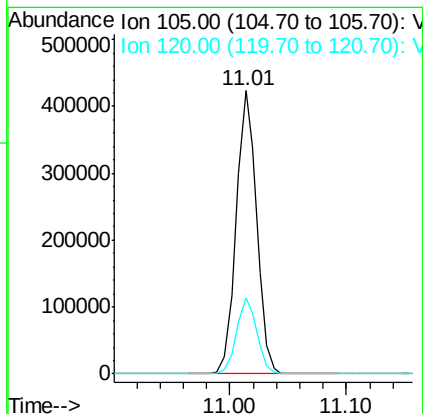
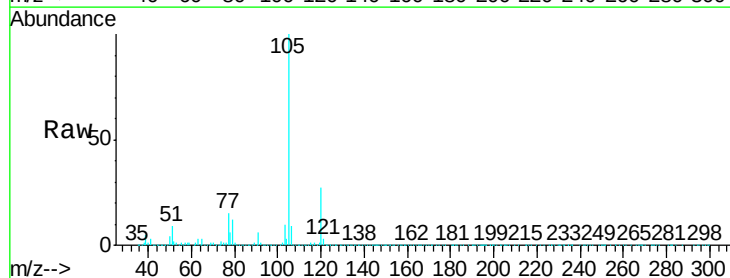
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.5	118.3
150	156.1	0.0	344.4

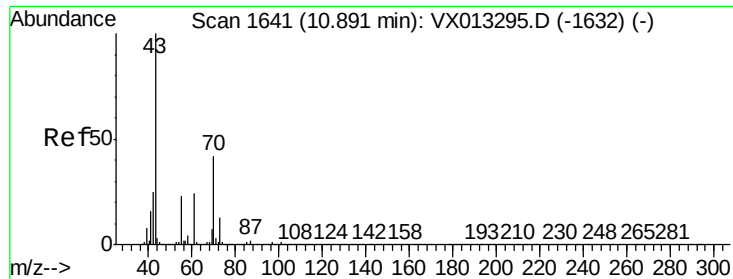


#73

Isopropylbenzene
Concen: 15.658 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.5





#74

N-amyI acetate

Concen: 1.268 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

FD-111919DL

Tgt Ion: 43 Resp: 19433

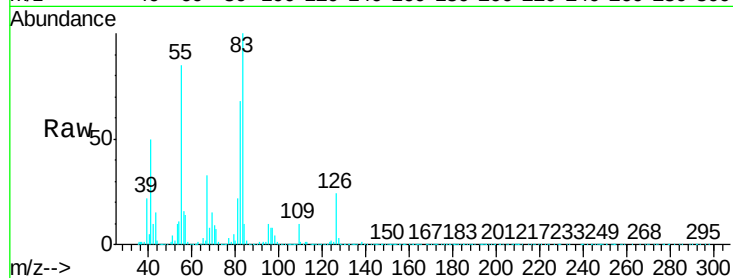
Ion Ratio Lower Upper

43 100

70 86.9 34.1 51.1#

55 587.1 18.9 28.3#

61 4.4 19.2 28.8#

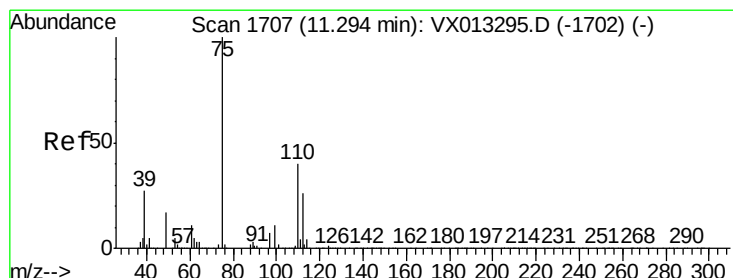
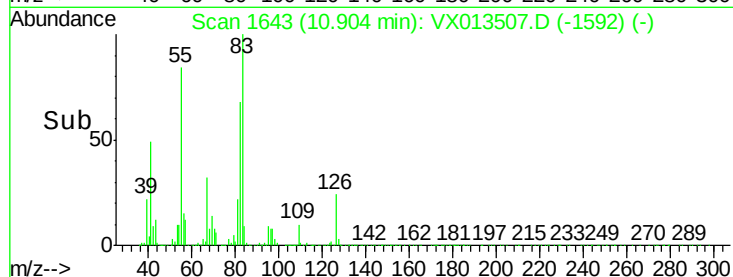
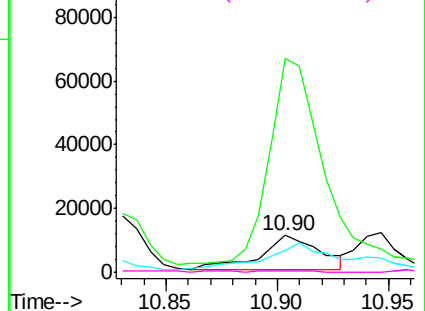


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 0.707 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.16 min

Lab File: VX013507.D

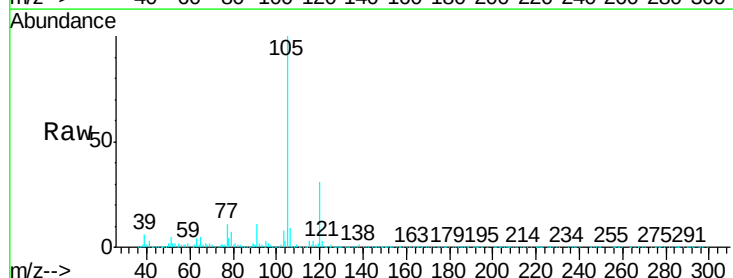
Acq: 21 Nov 2019 16:46

Tgt Ion: 75 Resp: 7156

Ion Ratio Lower Upper

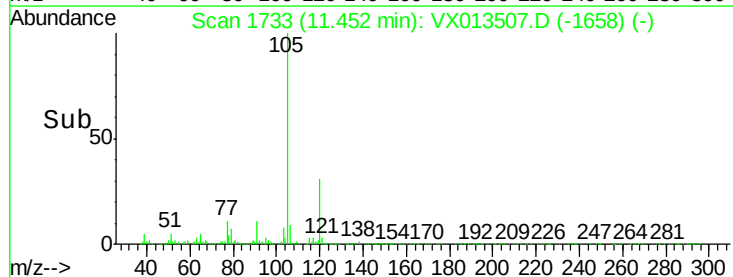
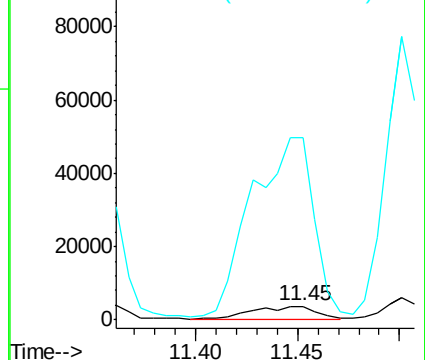
75 100

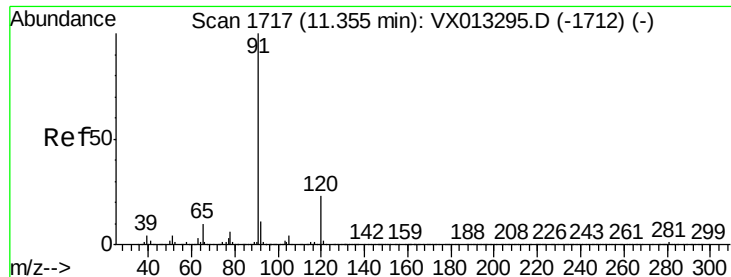
77 1465.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 31.335 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

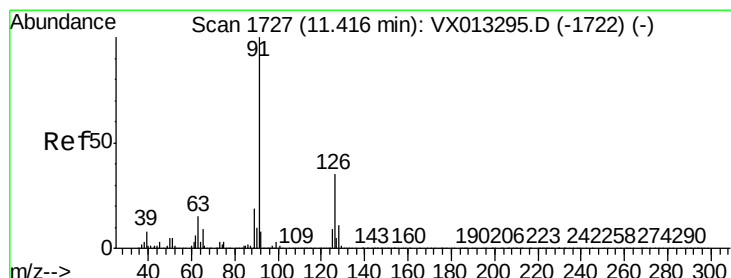
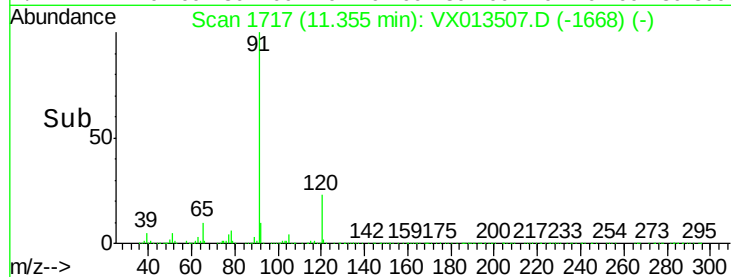
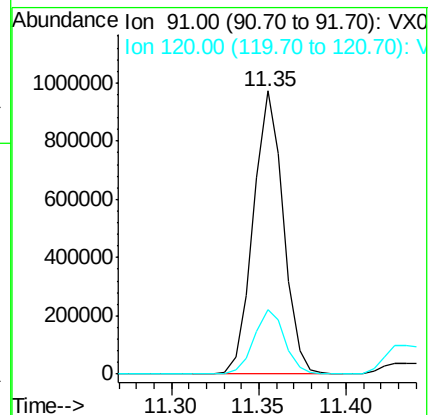
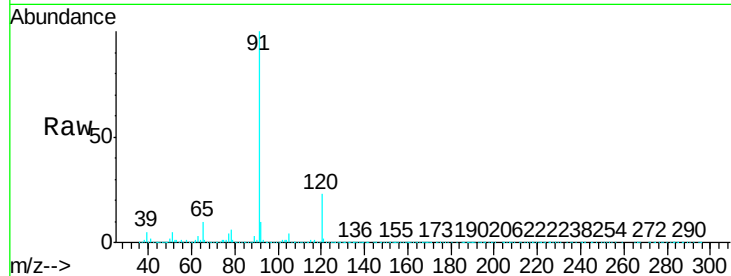
FD-111919DL

Tgt Ion: 91 Resp: 1154016

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8



#79

2-Chlorotoluene

Concen: 4.767 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. 0.03 min

Lab File: VX013507.D

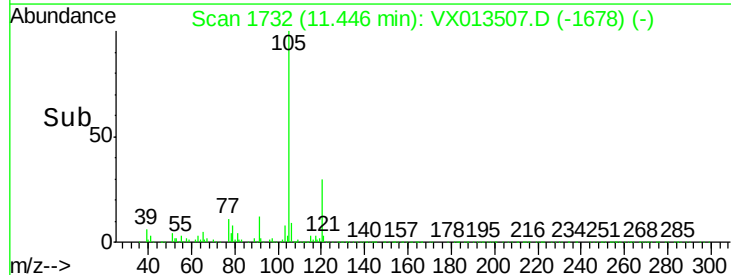
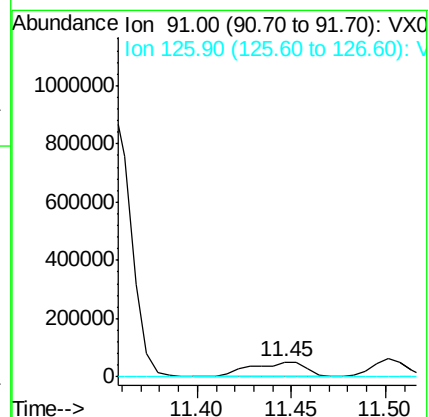
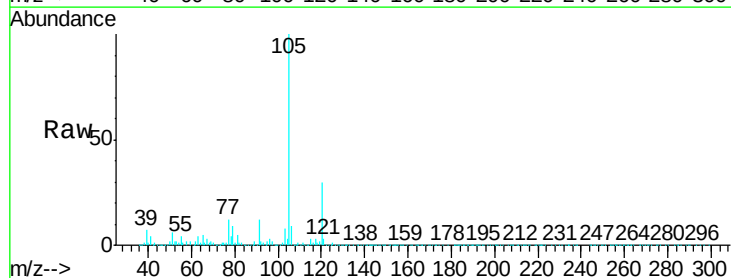
Acq: 21 Nov 2019 16:46

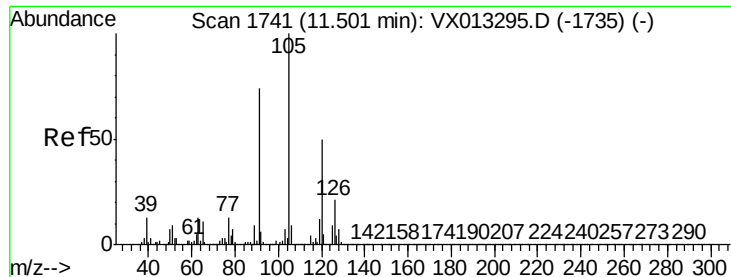
Tgt Ion: 91 Resp: 105773

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

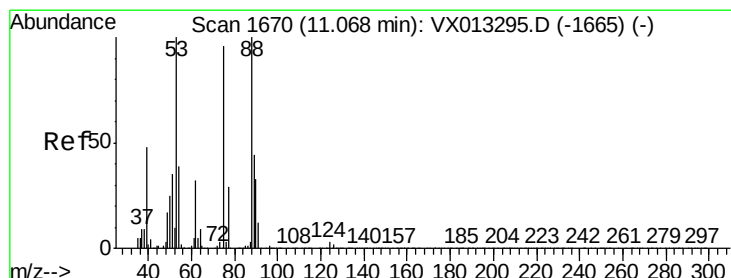
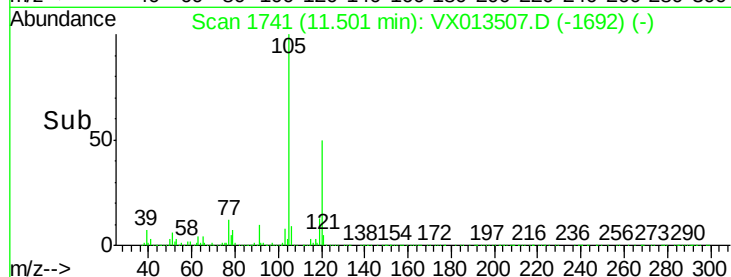
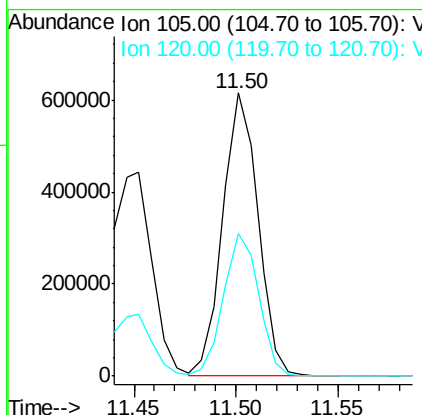
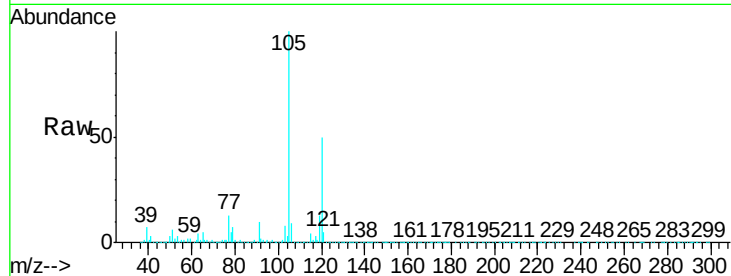




#80
 1,3,5-Trimethylbenzene
 Concen: 26.655 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

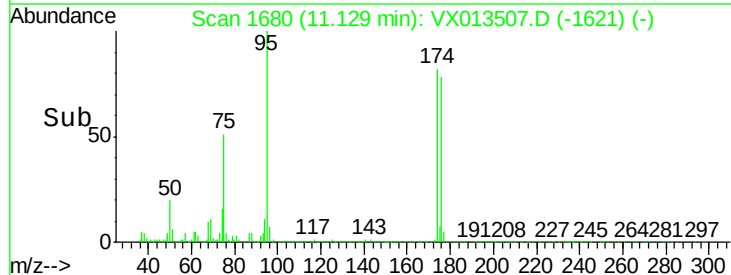
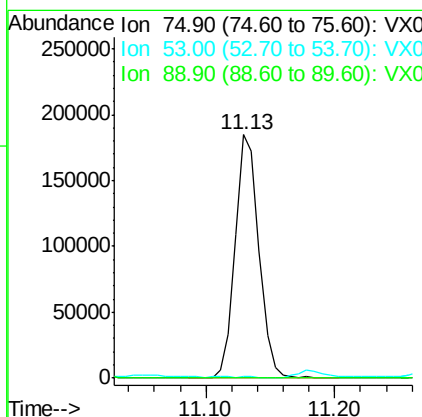
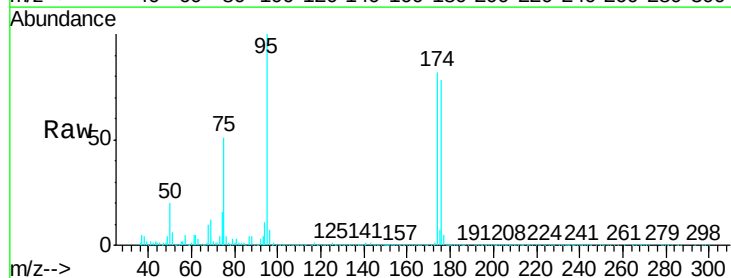
Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111919DL

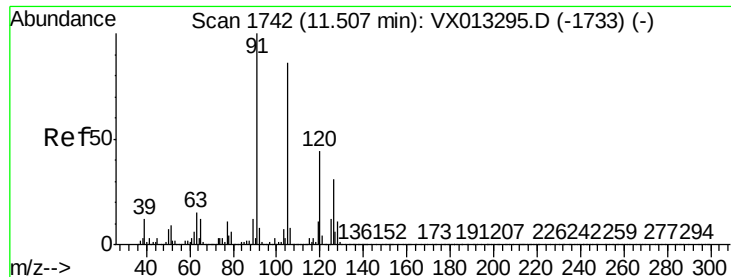
Tgt Ion: 105 Resp: 734024
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.347 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion: 75 Resp: 237453
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 3.002 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

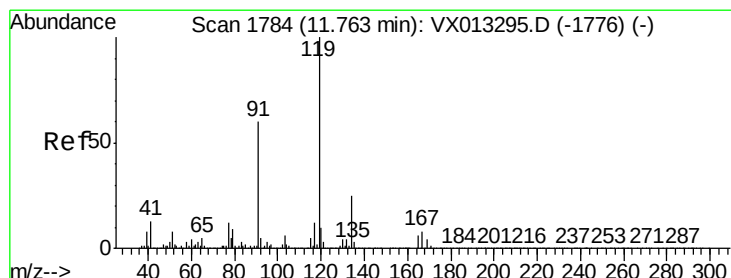
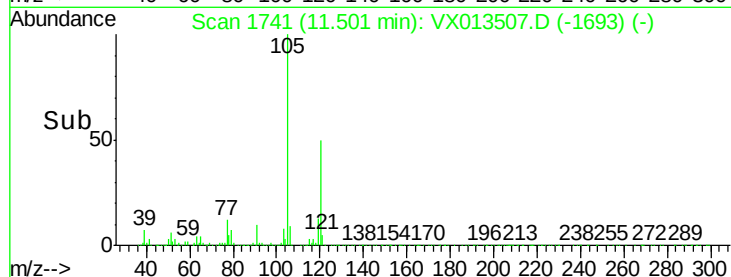
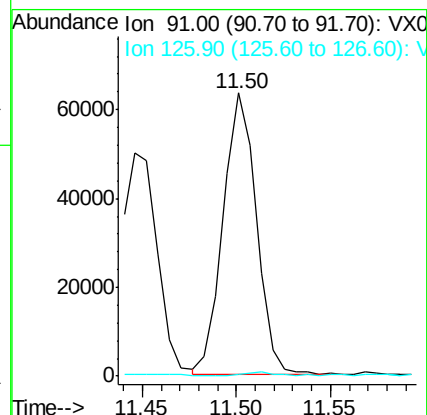
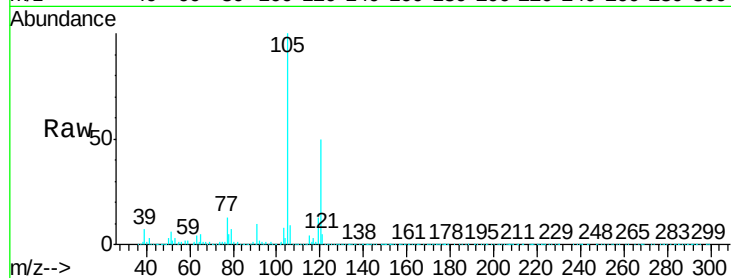
FD-111919DL

Tgt Ion: 91 Resp: 77979

Ion Ratio Lower Upper

91 100

126 1.9 15.3 45.8#



#83

tert-Butylbenzene

Concen: 2.636 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

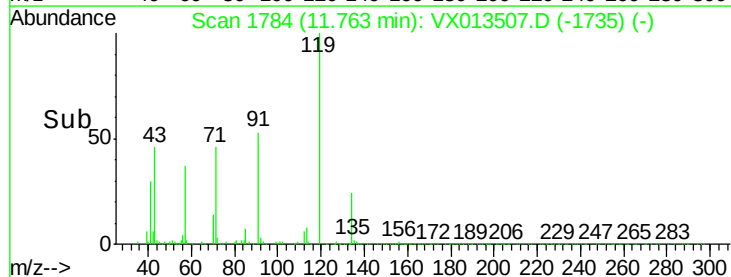
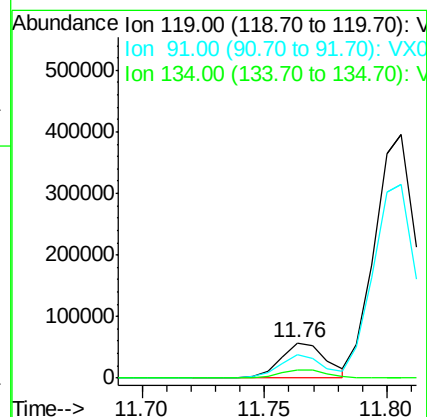
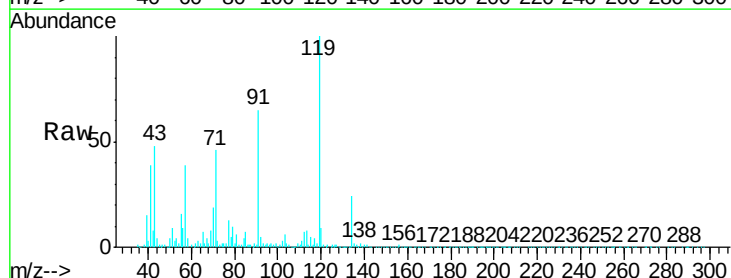
Tgt Ion: 119 Resp: 73077

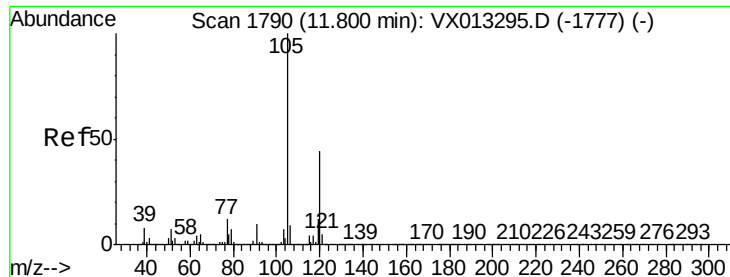
Ion Ratio Lower Upper

119 100

91 65.3 26.9 80.7

134 24.7 11.7 35.1

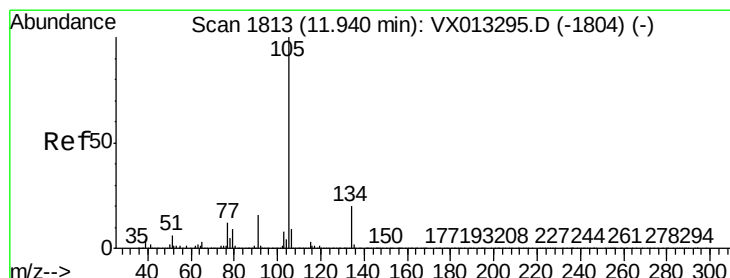
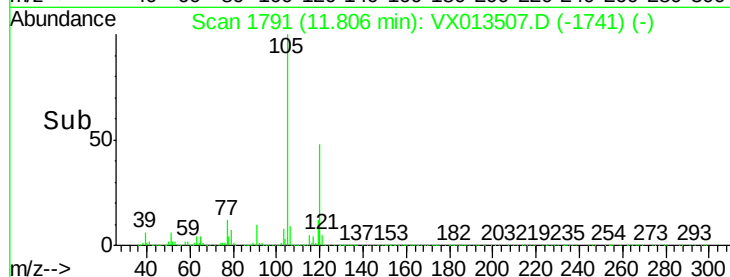
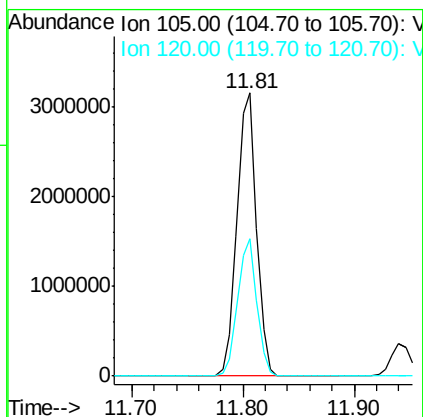
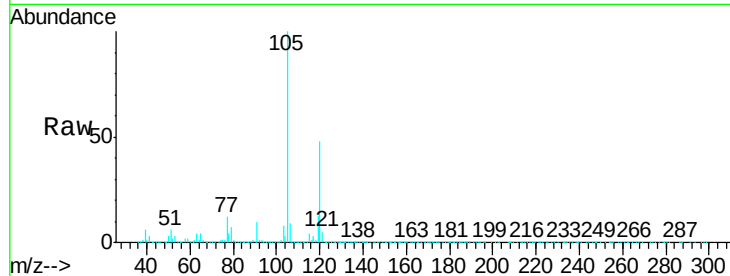




#84
1,2,4-Trimethylbenzene
Concen: 138.101 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

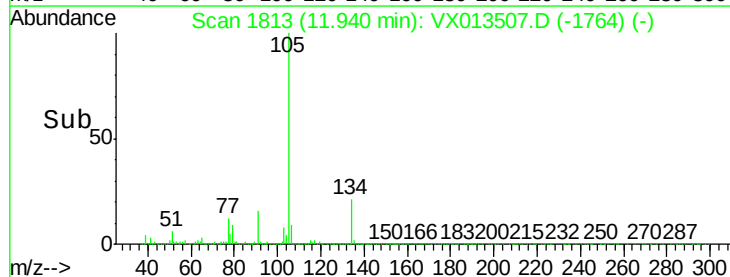
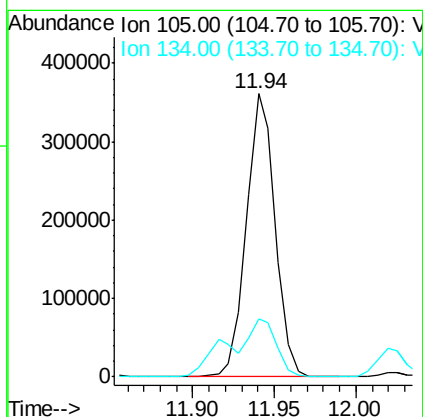
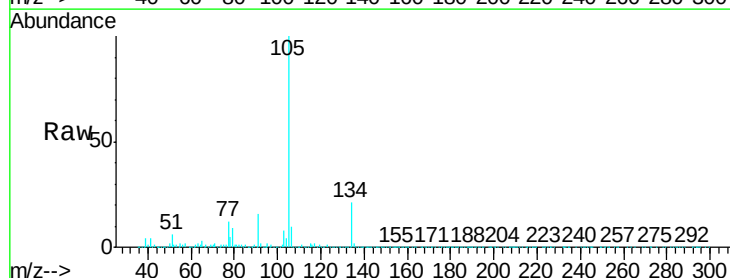
Instrument :
MSVOA_X
ClientSampled :
FD-111919DL

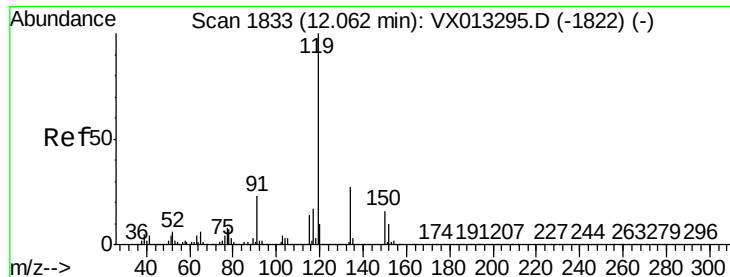
Tgt Ion:105 Resp: 3814994
Ion Ratio Lower Upper
105 100
120 47.7 22.7 68.1



#85
sec-Butylbenzene
Concen: 13.885 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion:105 Resp: 442385
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.9

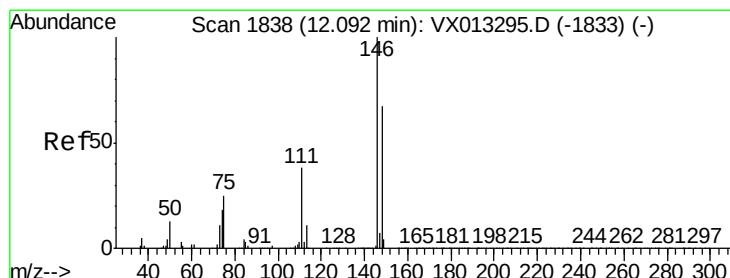
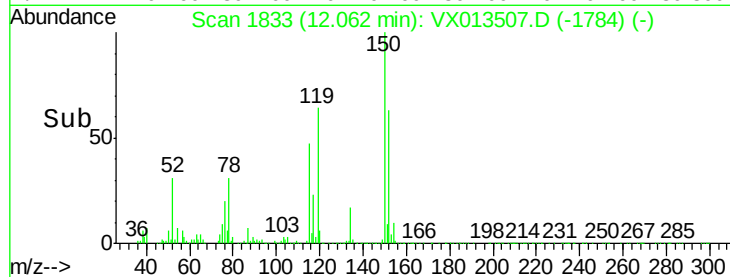
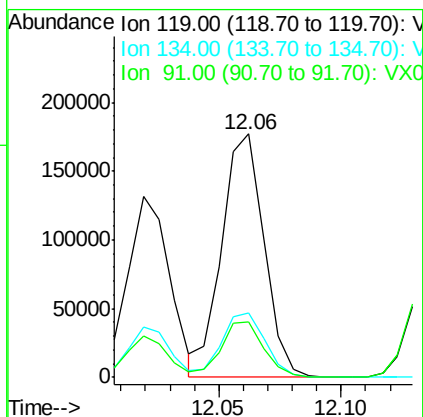
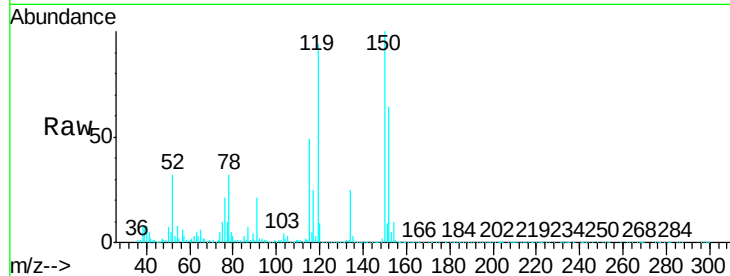




#86
p-Isopropyltoluene
Concen: 7.212 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

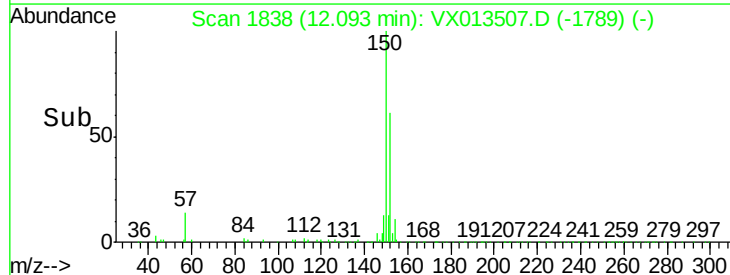
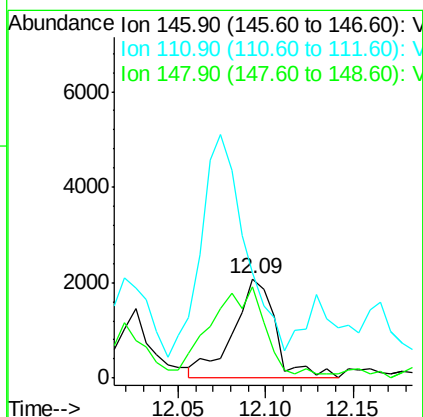
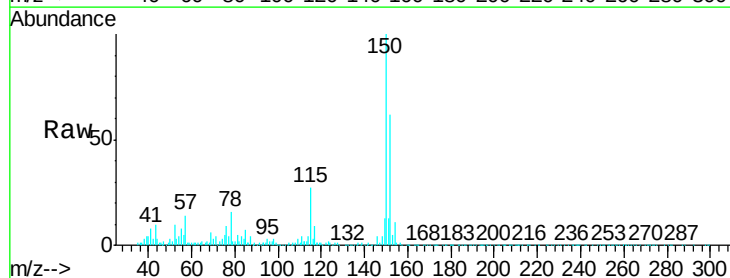
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

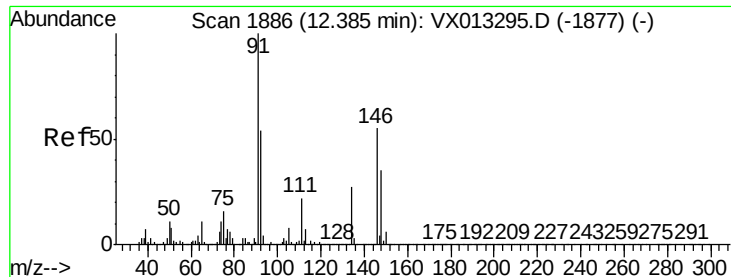
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.3	39.8
91	22.7	11.5	34.4



#88
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	233.9	18.8	56.4#
148	116.6	32.4	97.0#

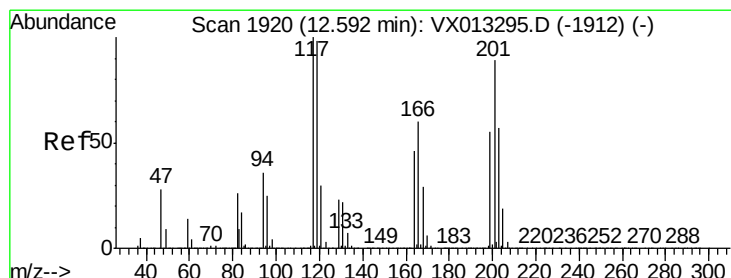
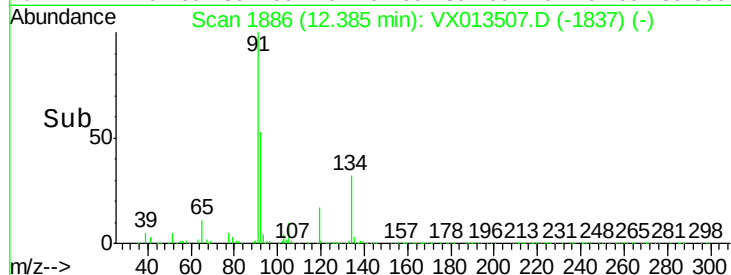
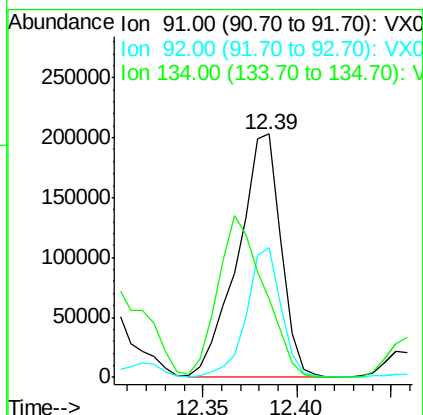
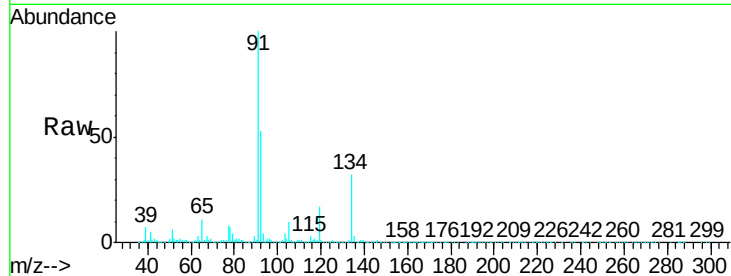




#89
n-Butylbenzene
Concen: 12.501 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

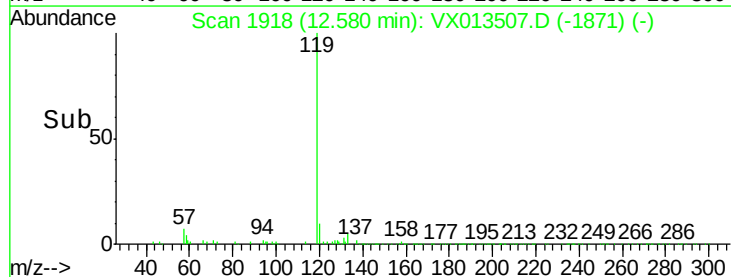
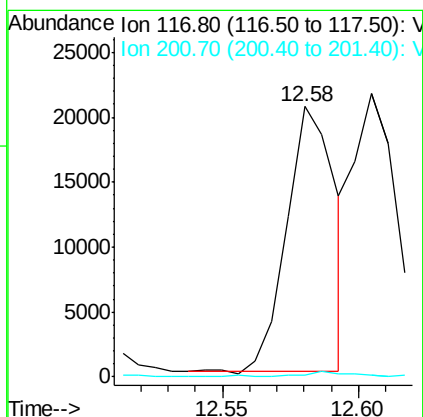
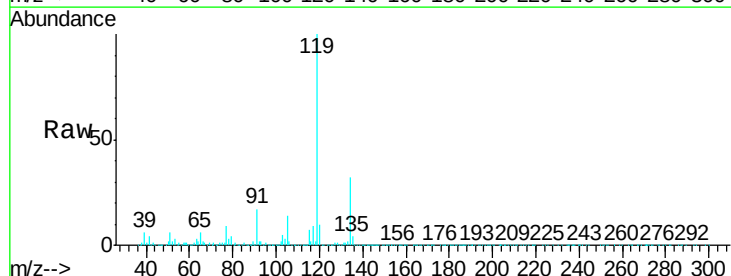
Instrument :
MSVOA_X
ClientSampled :
FD-111919DL

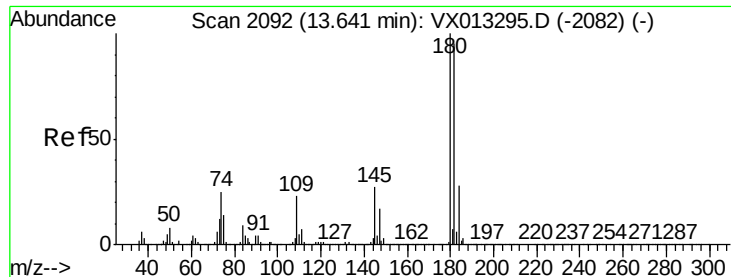
Tgt Ion: 91 Resp: 320006
Ion Ratio Lower Upper
91 100
92 43.4 27.3 81.8
134 71.2 13.5 40.5#



#90
Hexachloroethane
Concen: 4.829 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 117 Resp: 25240
Ion Ratio Lower Upper
117 100
201 2.4 43.9 131.7#

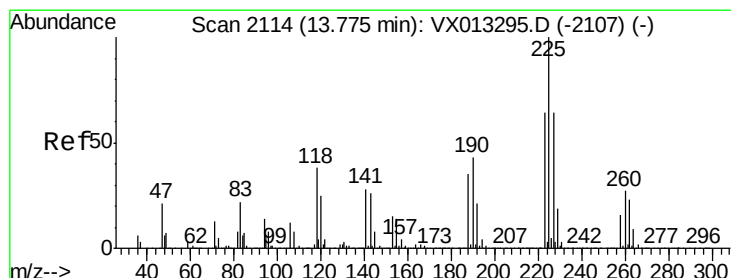
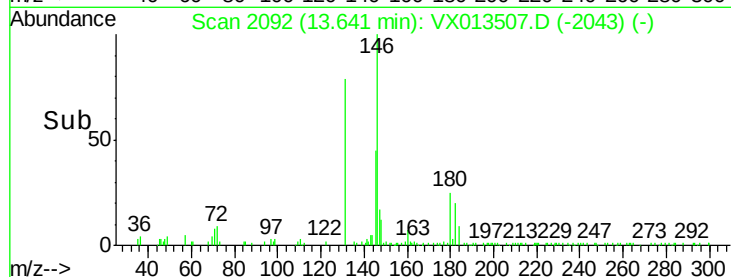
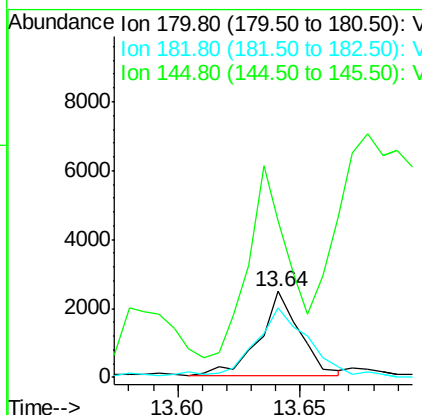
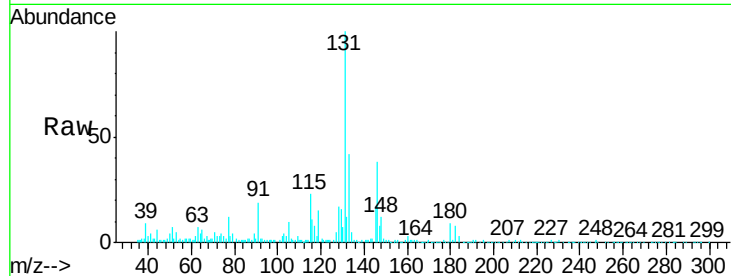




#93
 1,2,4-Trichlorobenzene
 Concen: 0.252 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

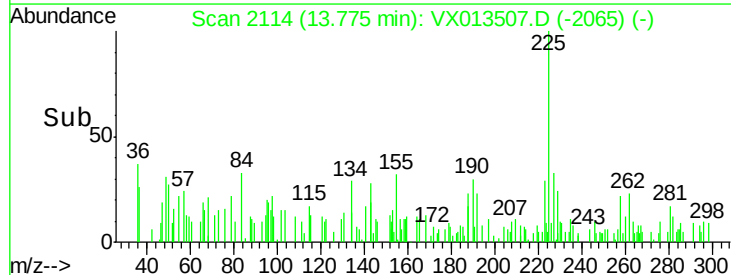
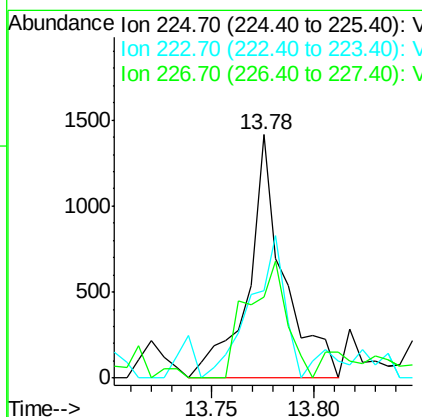
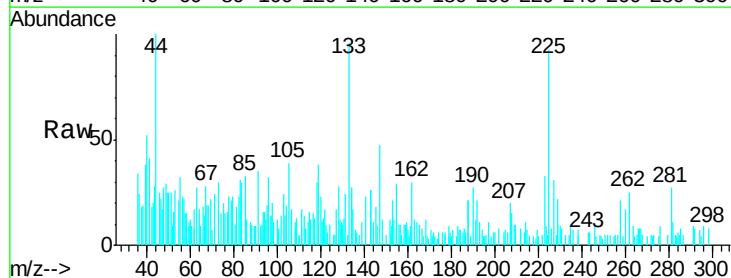
Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111919DL

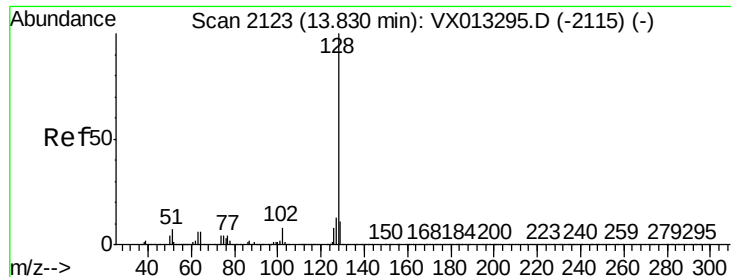
Tgt Ion:180 Resp: 2765
 Ion Ratio Lower Upper
 180 100
 182 115.8 48.4 145.0
 145 271.9 14.1 42.4#



#94
 Hexachlorobutadiene
 Concen: 0.319 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion:225 Resp: 1711
 Ion Ratio Lower Upper
 225 100
 223 57.9 31.9 95.7
 227 52.5 31.9 95.9

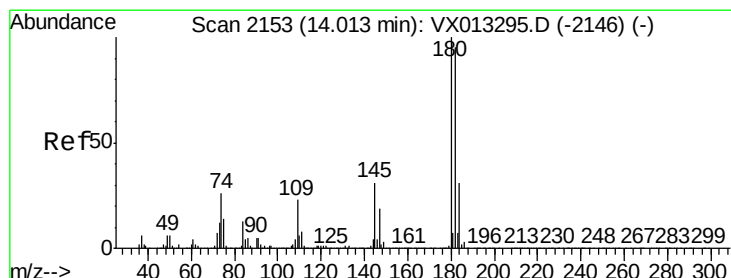
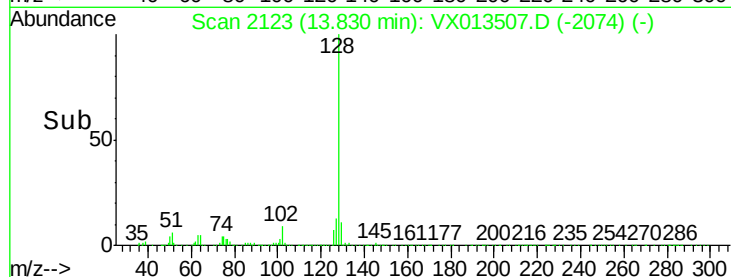
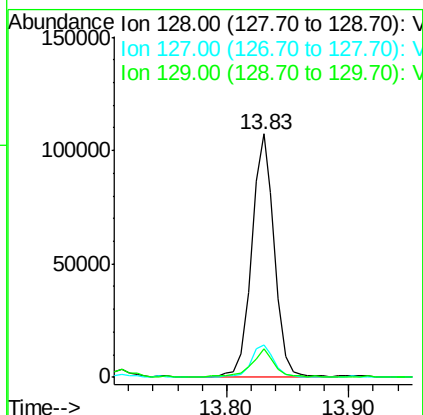
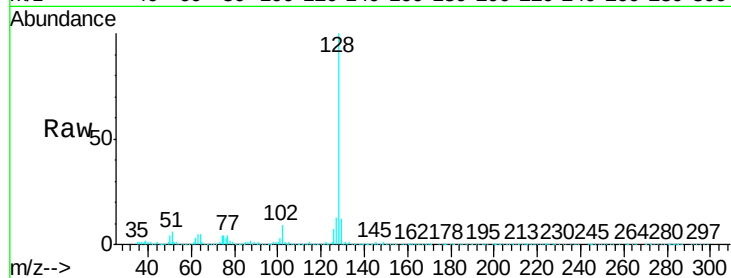




#95
Naphthalene
Concen: 3.996 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.6	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 0.256 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	81.9	48.0	144.2
145	127.6	15.4	46.4#

