

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012851.D
 Acq On : 07 Oct 2019 20:17
 Operator : JC/SP
 Sample : K5140-01
 Misc : 6.47µ/5mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:14:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111256	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	108952	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
35) Dibromofluoromethane	5.49	113	78368	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	339044	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	142584	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	252	0.297	ug/l #	80
11) Tert butyl alcohol	3.01	59	12938	21.130	ug/l #	74
13) Acrolein	2.25	56	233	10.888	ug/l #	73
18) Methyl Acetate	2.79	43	14882	4.868	ug/l	98
20) Methylene Chloride	2.84	84	1530	0.697	ug/l #	69
25) 2-Butanone	4.73	43	2297	1.234	ug/l	92
36) 1,1-Dichloropropene	5.64	75	13942	5.097	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17642	6.349	ug/l #	17
39) Methylcyclohexane	7.45	83	43279	13.143	ug/l	97
48) Methyl methacrylate	7.72	41	1725	0.673	ug/l #	55
51) 4-Methyl-2-Pentanone	8.65	43	14073	4.263	ug/l #	38
52) Toluene	8.78	92	70107	13.860	ug/l	98
54) cis-1,3-Dichloropropene	8.23	75	765	0.226	ug/l #	63
55) 1,1,2-Trichloroethane	9.16	97	75094	37.342	ug/l #	19
56) Ethyl methacrylate	9.15	69	16879	4.996	ug/l #	14
59) 2-Hexanone	9.44	43	72077	28.526	ug/l #	32
60) Dibromochloromethane	9.55	129	418	0.205	ug/l #	1
65) Chlorobenzene	10.06	112	2528	0.488	ug/l #	62
67) Ethyl Benzene	10.25	91	299434	31.898	ug/l	99
68) m/p-Xylenes	10.35	106	549554	156.281	ug/l	99
69) o-Xylene	10.70	106	294443	86.535	ug/l	99
70) Styrene	10.70	104	14317	2.510	ug/l #	1
73) Isopropylbenzene	11.02	105	140615	15.518	ug/l	100
74) N-aryl acetate	10.91	43	158276	36.613	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	48760	16.248	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	5491	1.866	ug/l #	1
77) Bromobenzene	11.30	156	532	0.259	ug/l #	1
78) n-propylbenzene	11.36	91	803455	78.758	ug/l	99
79) 2-Chlorotoluene	11.43	91	333299	52.373	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	1078145	141.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	2003	1.950	ug/l #	2
82) 4-Chlorotoluene	11.51	91	121064	16.688	ug/l #	49
83) tert-Butylbenzene	11.81	119	453294	61.841	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	3639599	474.804	ug/l	99

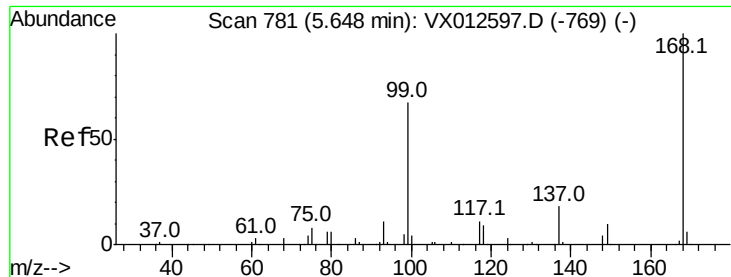
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	317517	37.243	ug/l	80
86) p-Isopropyltoluene	12.06	119	213739	27.784	ug/l	99
89) n-Butylbenzene	12.39	91	911425	134.451	ug/l #	56
90) Hexachloroethane	12.59	117	78958	57.571	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	7274	9.690	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.70	180	4227	1.876	ug/l #	13
95) Naphthalene	13.83	128	271643	33.319	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.03	180	12561	5.565	ug/l #	1

(#) = 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: VX012851.D

Acq: 07 Oct 2019 20:17

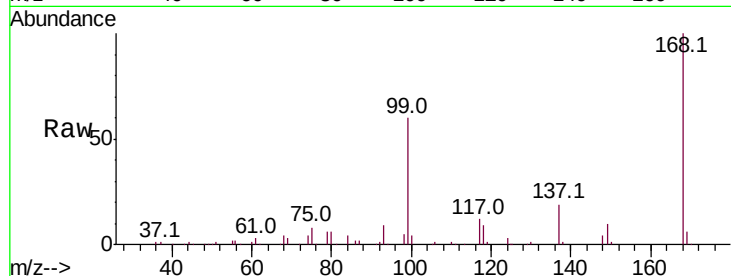
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 168323

Ion Ratio Lower Upper

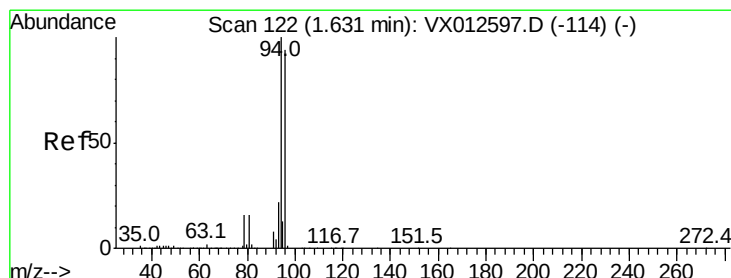
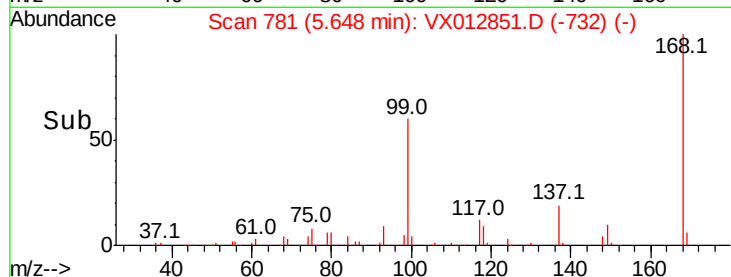
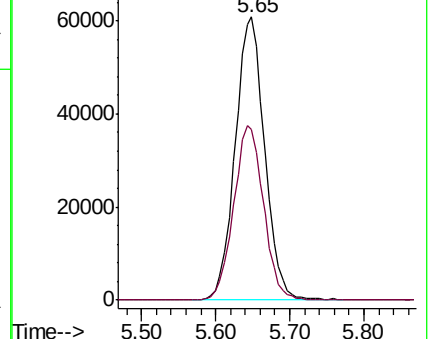
168 100

99 60.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.297 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012851.D

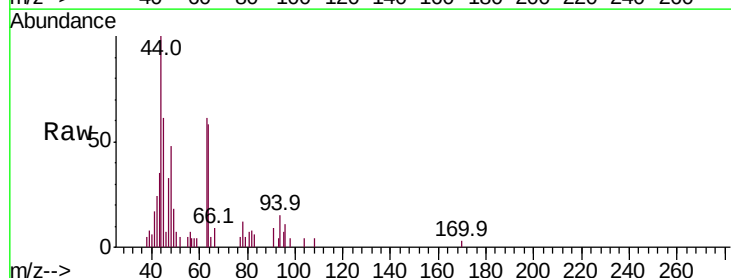
Acq: 07 Oct 2019 20:17

Tgt Ion: 94 Resp: 252

Ion Ratio Lower Upper

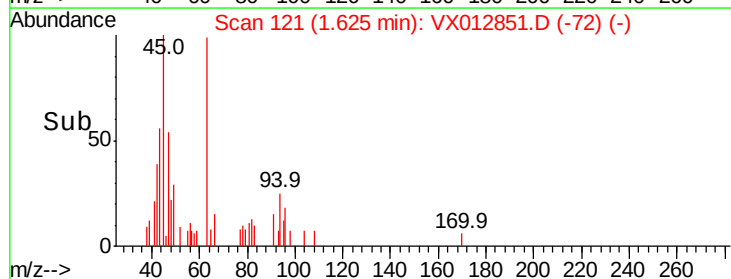
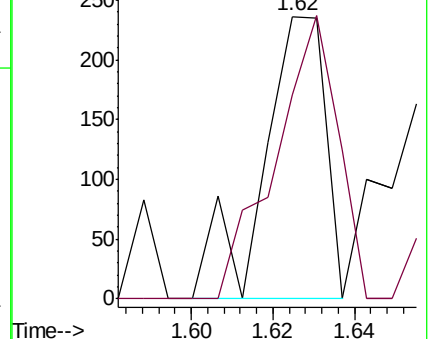
94 100

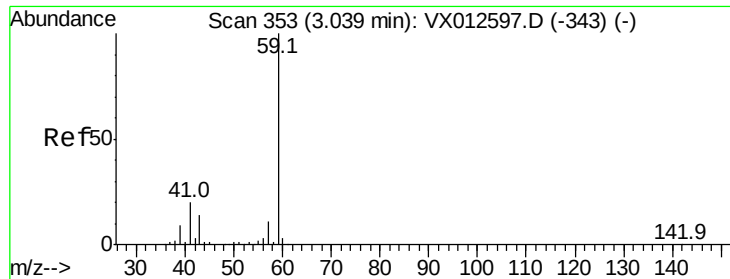
96 72.5 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

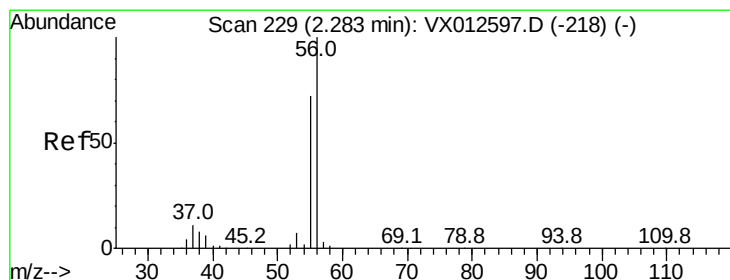
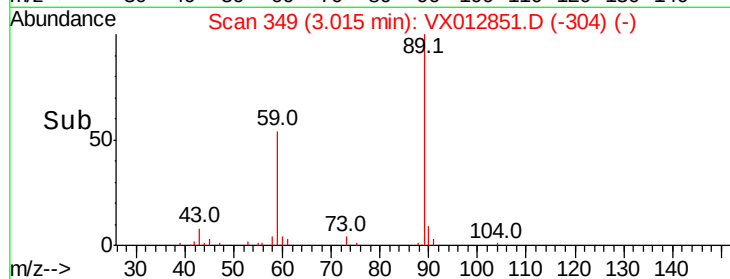
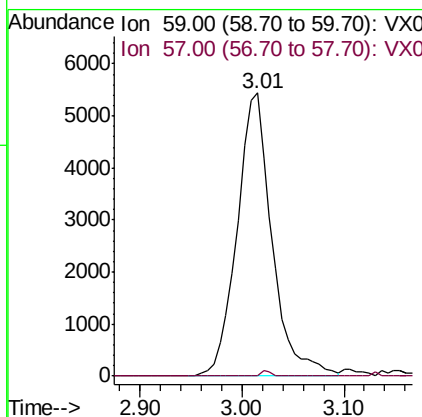
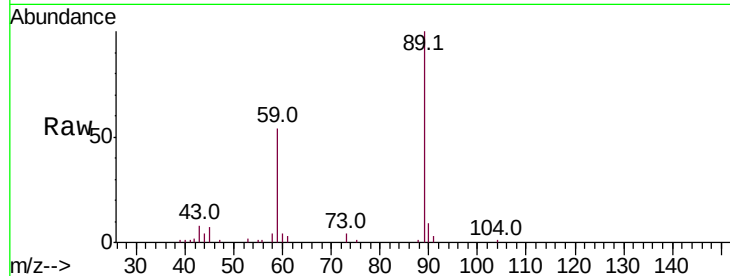




#11
Tert butyl alcohol
Concen: 21.130 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

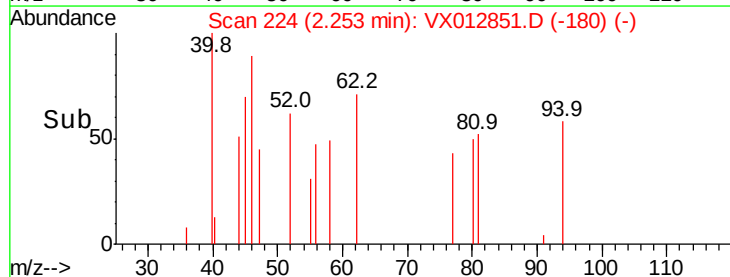
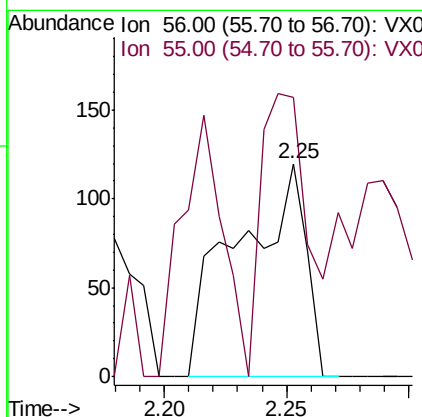
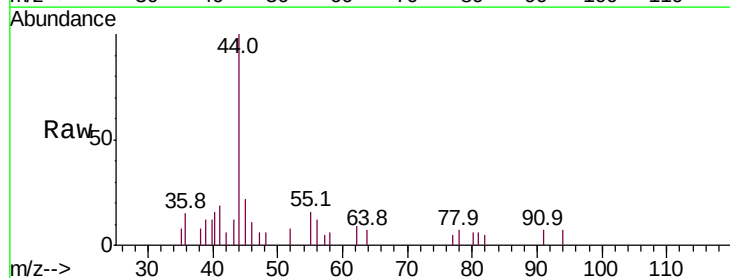
Instrument :
MSVOA_X
ClientSampled :

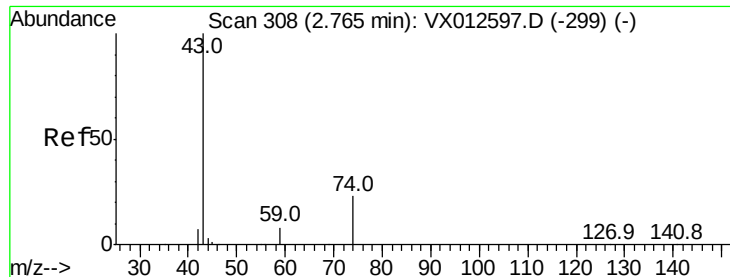
Tot Ion: 59 Resp: 12938
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#



#13
Acrolein
Concen: 10.888 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.03 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 91.8 55.8 83.8#

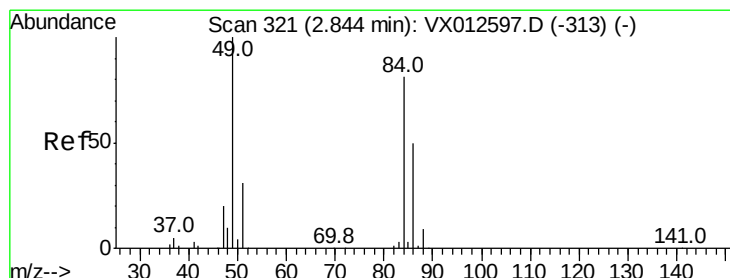
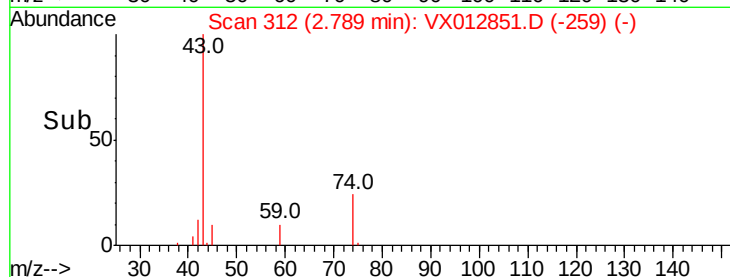
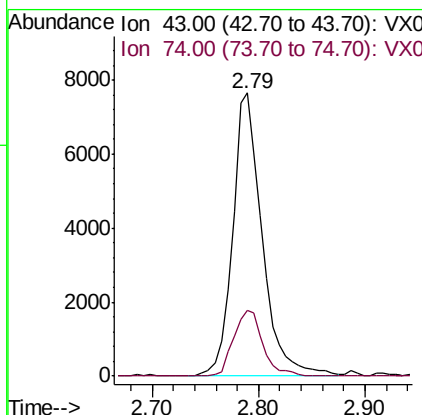
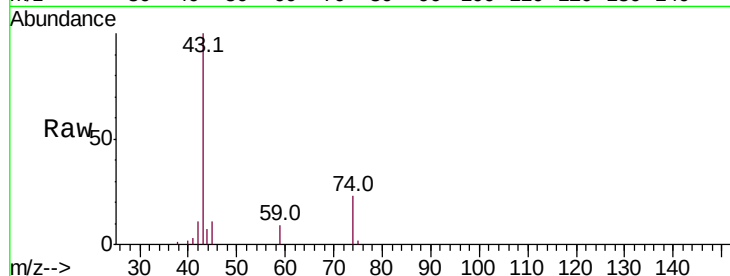




#18
Methvl Acetate
Concen: 4.868 ug/l
RT: 2.79 min Scan# 312
Delta R.T. 0.02 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

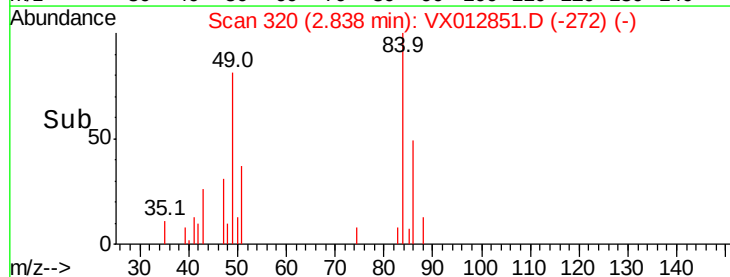
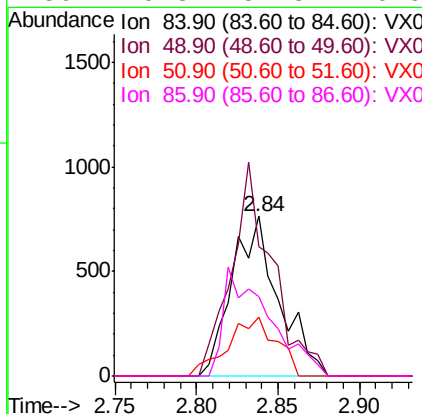
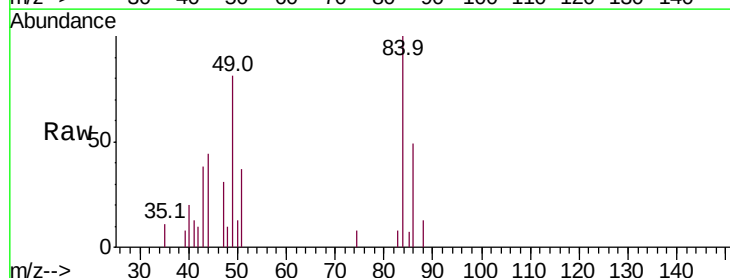
Instrument :
MSVOA_X
ClientSampleId :

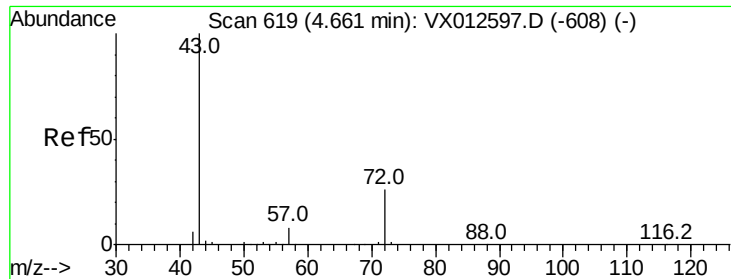
Tot Ion: 43 Resp: 14882
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 84 Resp: 1530
Ion Ratio Lower Upper
84 100
49 81.2 106.8 160.2#
51 37.2 32.3 48.5
86 49.3 51.3 76.9#

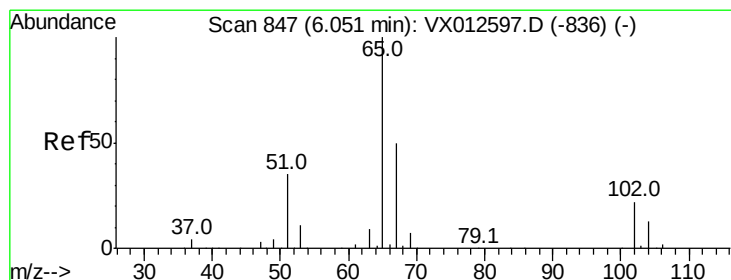
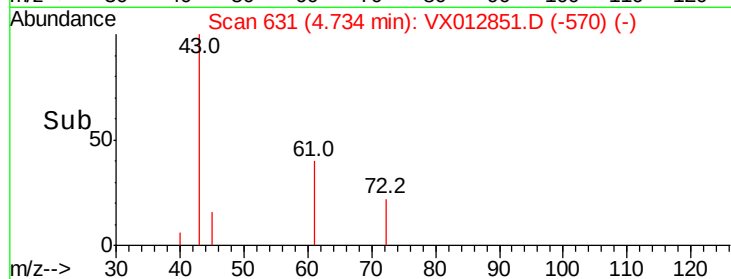
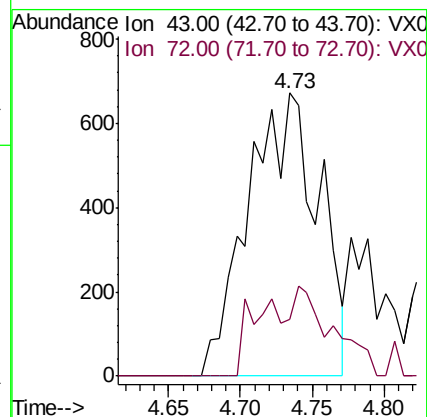
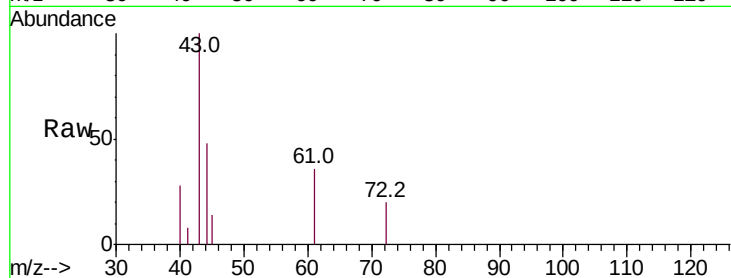




#25
2-Butanone
Concen: 1.234 ug/l
RT: 4.73 min Scan# 631
Delta R.T. 0.07 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

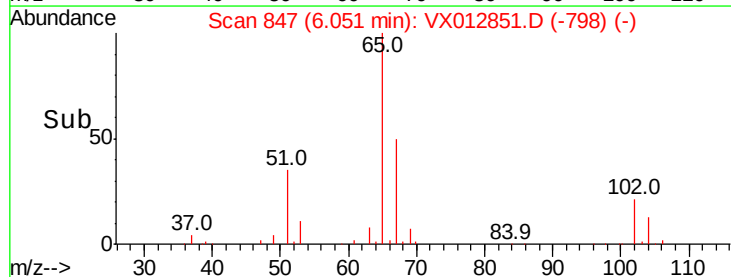
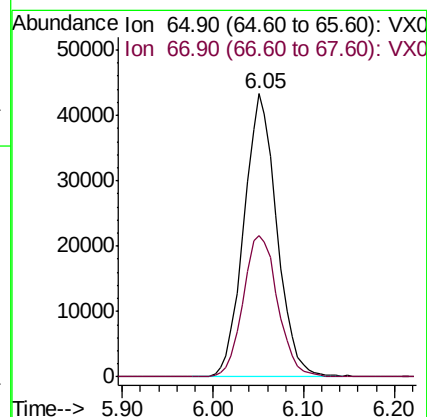
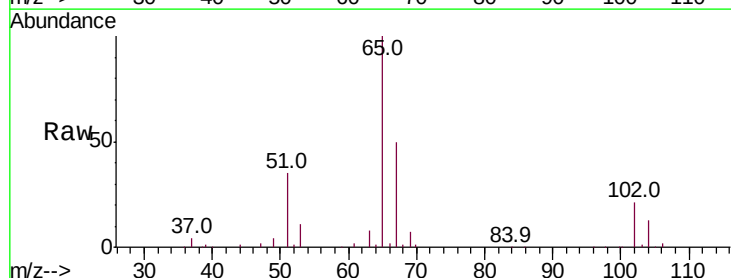
Instrument :
MSVOA_X
ClientSampleId :

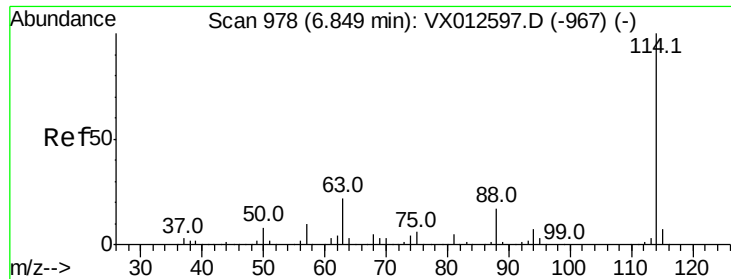
Tot Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
72 19.9 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 44.450 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 65 Resp: 108952
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.2

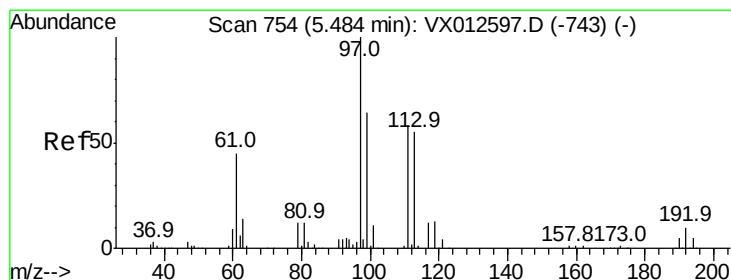
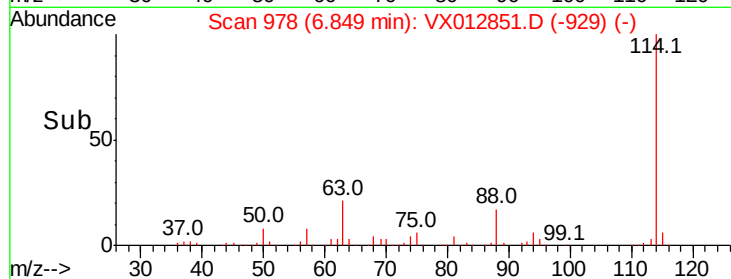
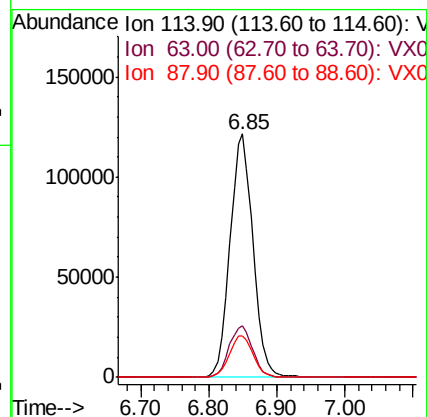
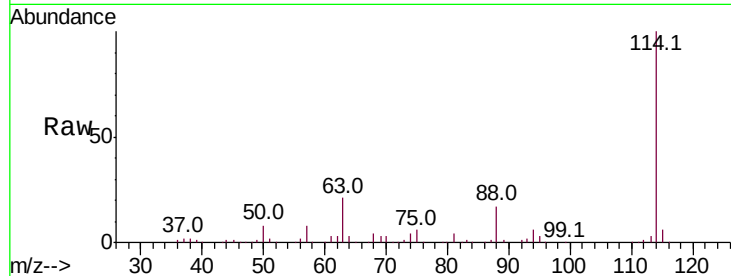




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

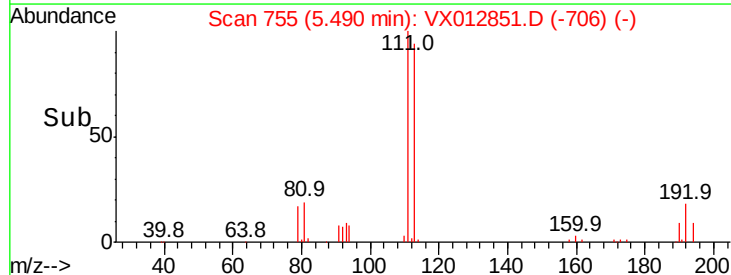
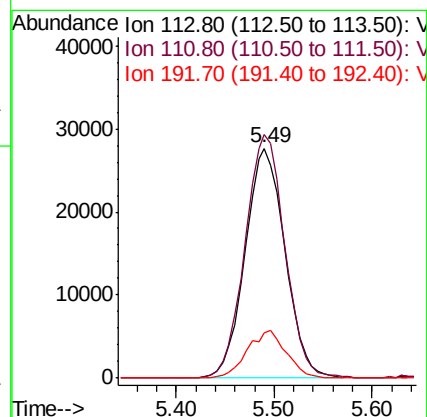
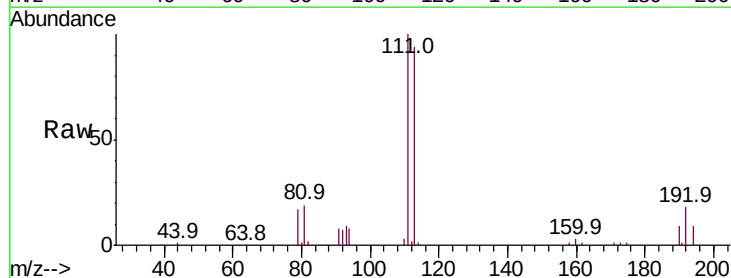
Instrument :
 MSVOA_X
 ClientSampleId :

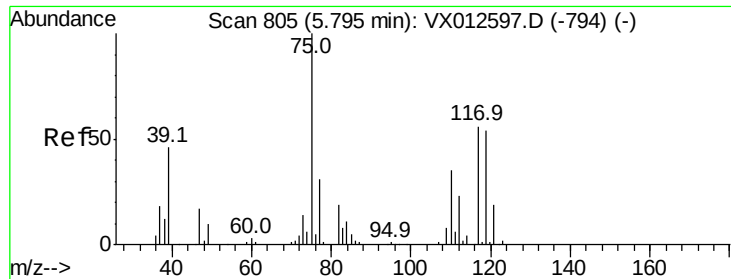
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	17.0	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 46.373 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.4	125.2
192	20.2	14.4	21.6

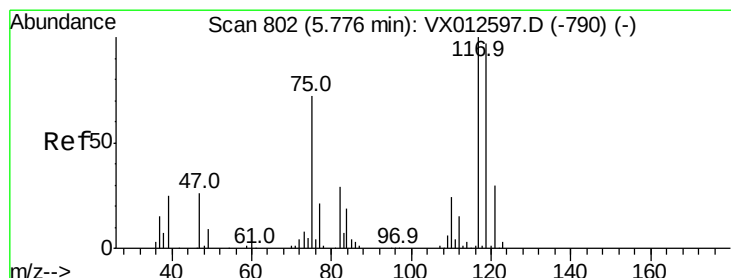
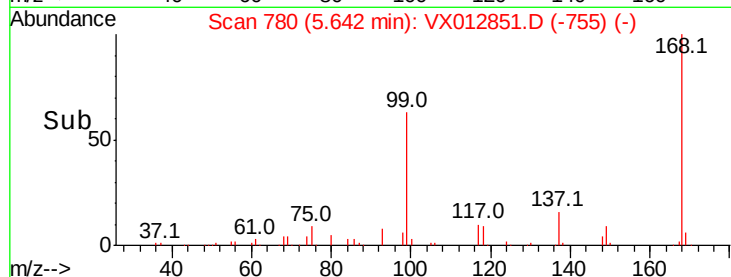
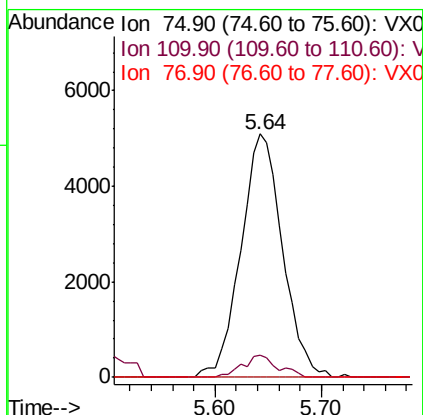
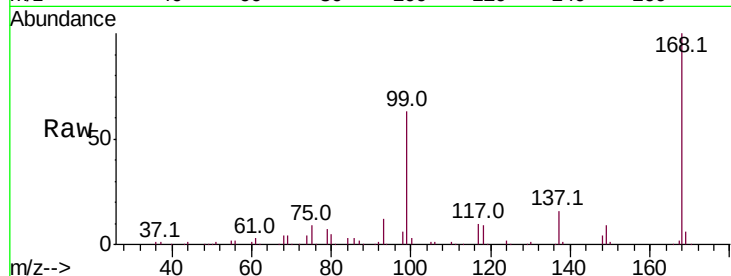




#36
 1,1-Dichloropropene
 Concen: 5.097 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

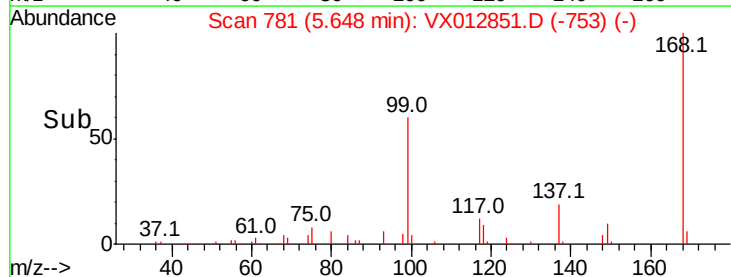
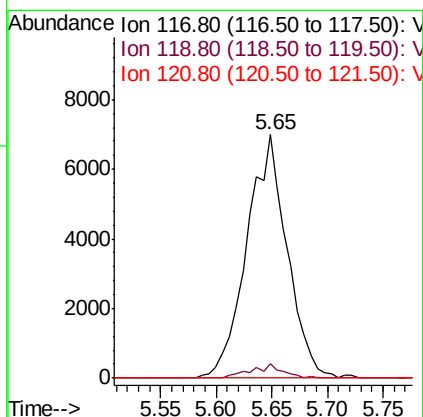
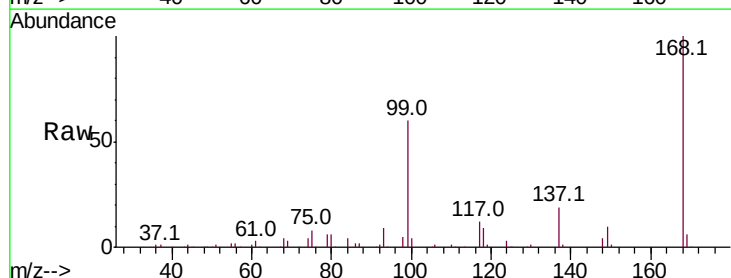
Instrument :
 MSVOA_X
 ClientSampleId :

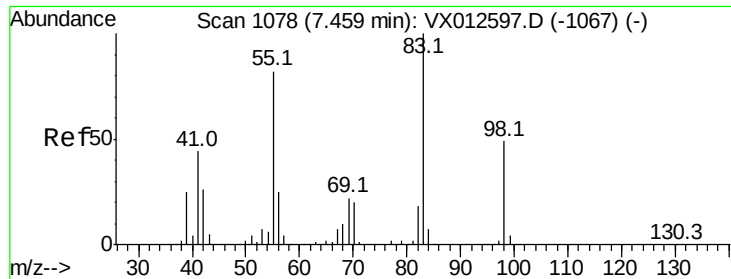
Tot Ion: 75 Resp: 13942
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.7 50.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.349 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion: 117 Resp: 17642
 Ion Ratio Lower Upper
 117 100
 119 6.1 75.7 113.5#
 121 0.0 24.2 36.4#

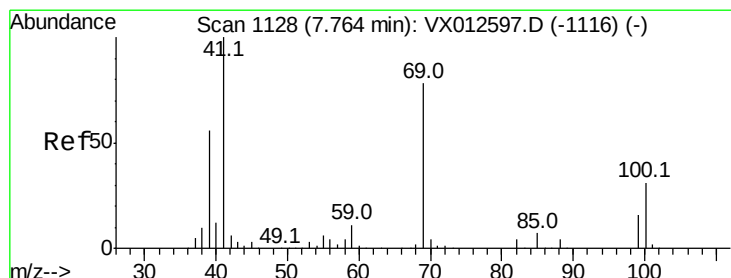
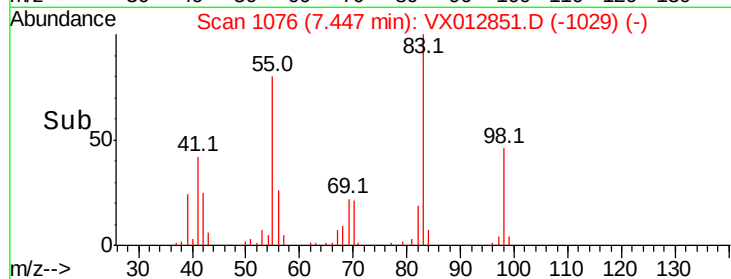
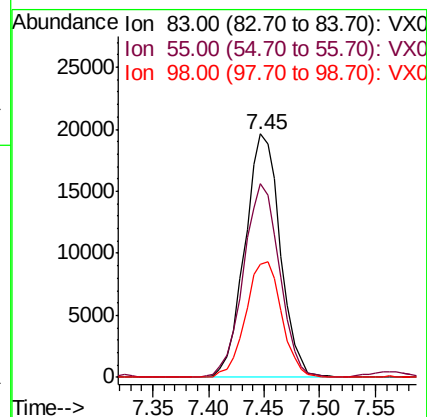
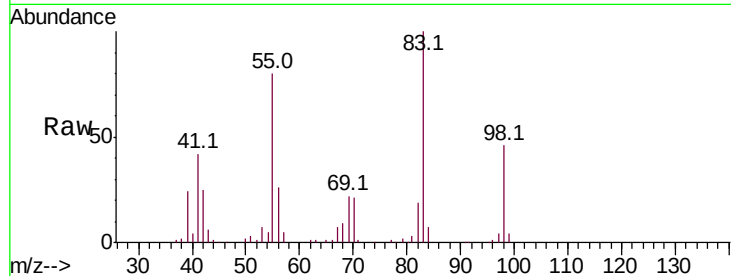




#39
Methylvlcyclohexane
Concen: 13.143 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

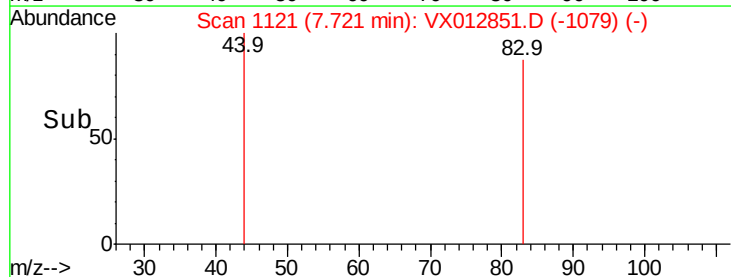
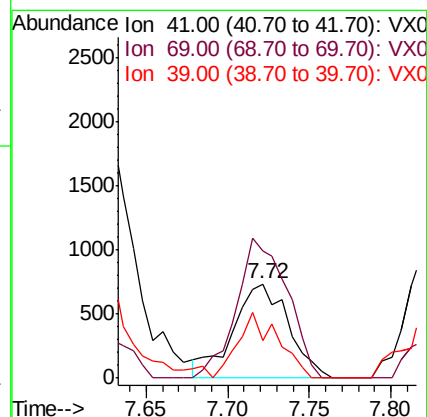
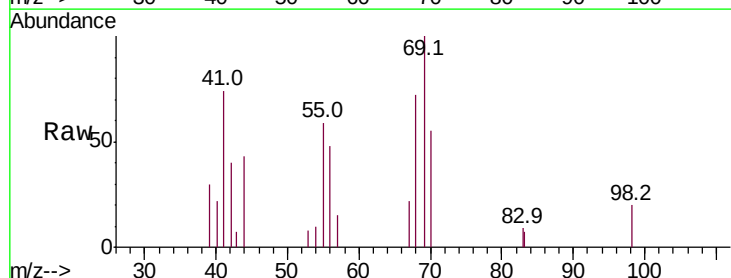
Instrument :
MSVOA_X
ClientSampled :

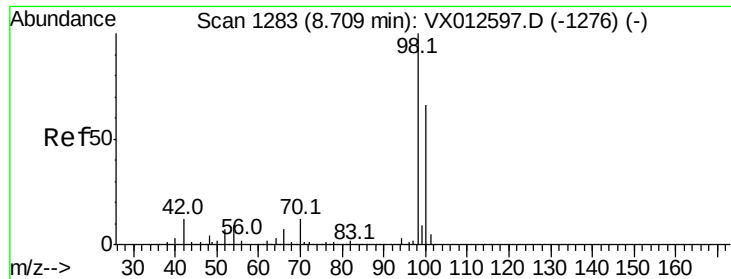
Tot Ion: 83 Resp: 43279
Ion Ratio Lower Upper
83 100
55 79.8 64.4 96.6
98 46.2 40.1 60.1



#48
Methyl methacrylate
Concen: 0.673 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 41 Resp: 1725
Ion Ratio Lower Upper
41 100
69 136.3 59.9 89.9#
39 50.8 47.8 71.6

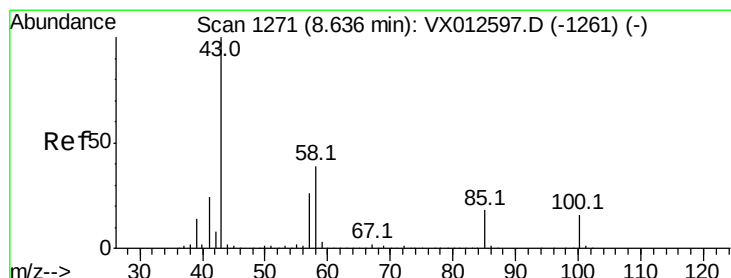
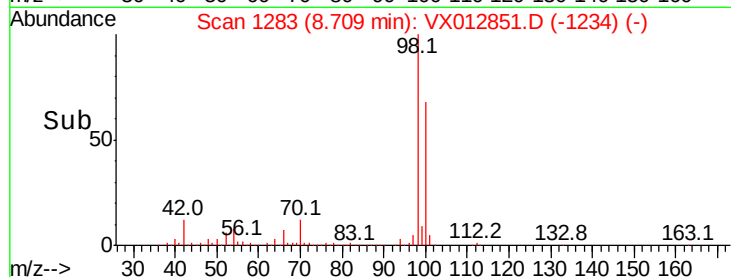
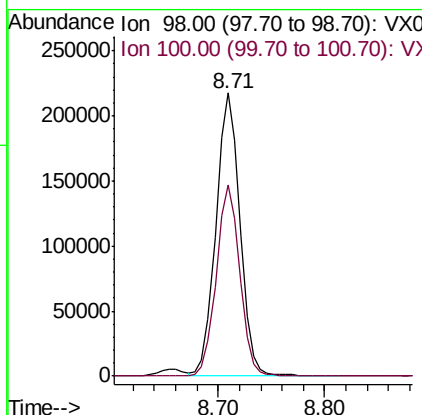
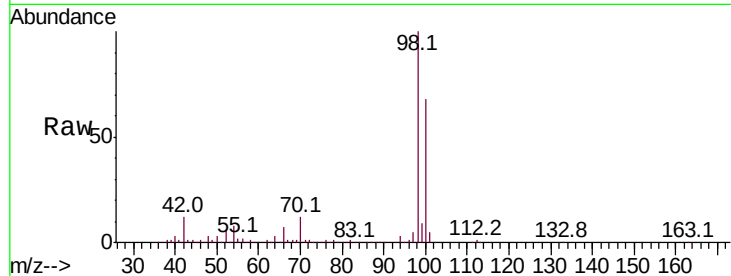




#50
Toluene-d8
Concen: 52.095 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

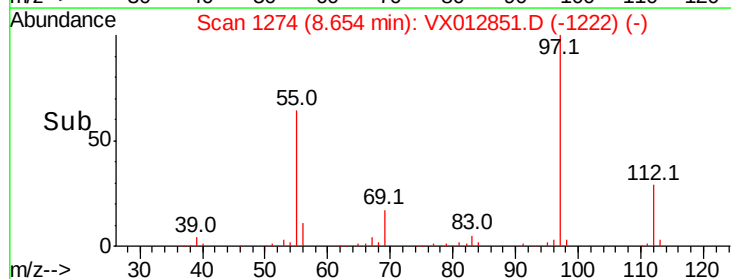
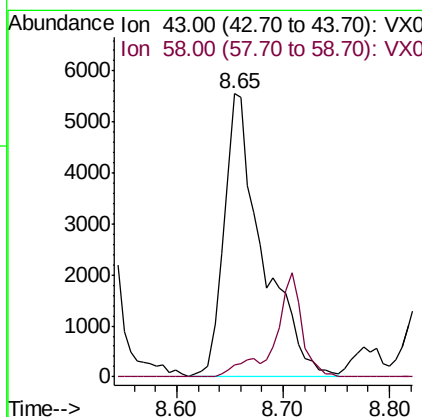
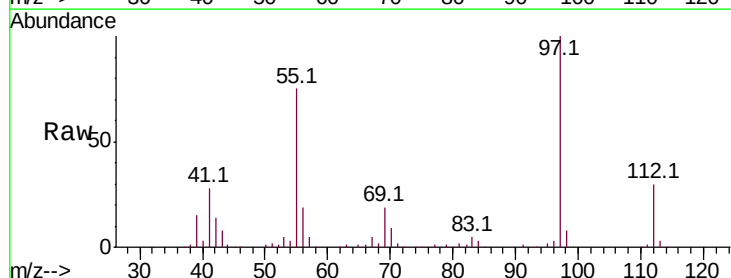
Instrument :
MSVOA_X
ClientSampleId :

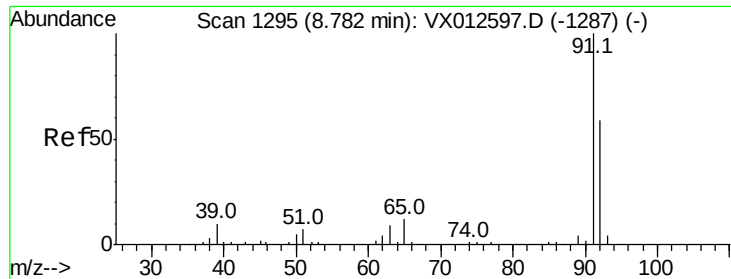
Tot Ion: 98 Resp: 339044
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 4.263 ug/l
RT: 8.65 min Scan# 1274
Delta R.T. 0.02 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#





#52

Toluene

Concen: 13.860 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

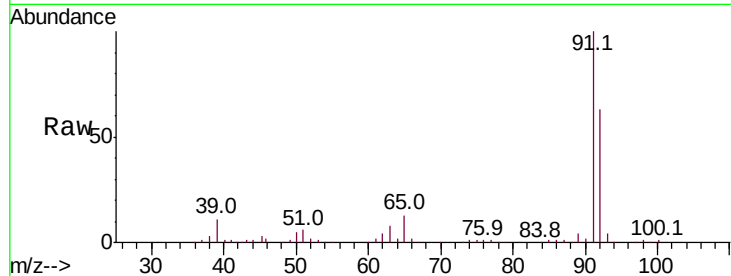
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 70107

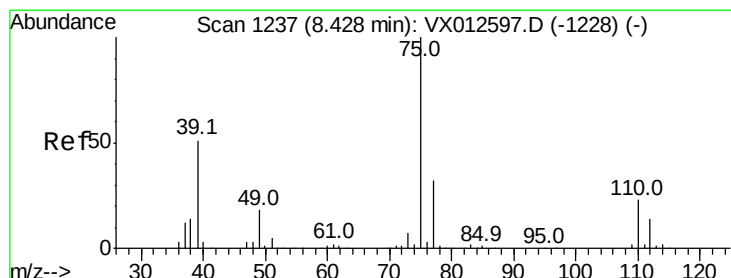
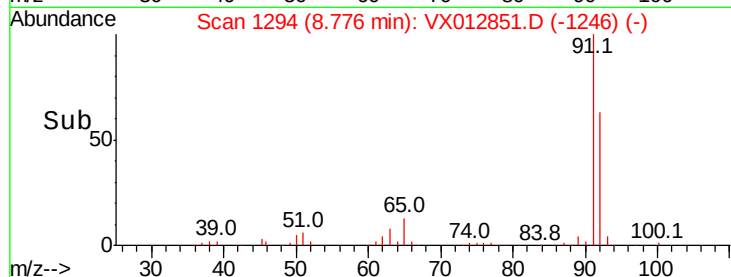
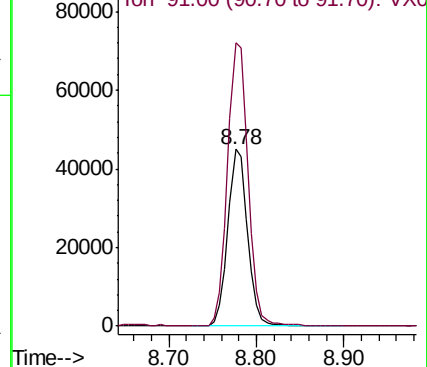
Ion Ratio Lower Upper

92 100

91 166.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.226 ug/l

RT: 8.23 min Scan# 1204

Delta R.T. -0.20 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

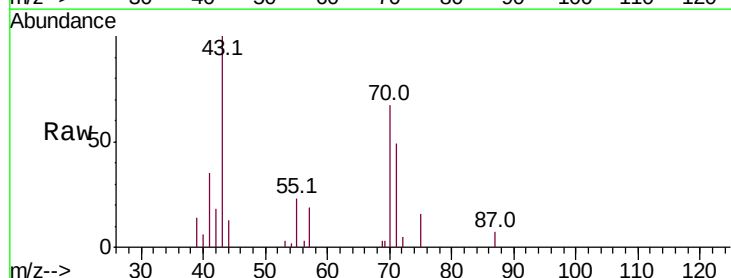
Tgt Ion: 75 Resp: 765

Ion Ratio Lower Upper

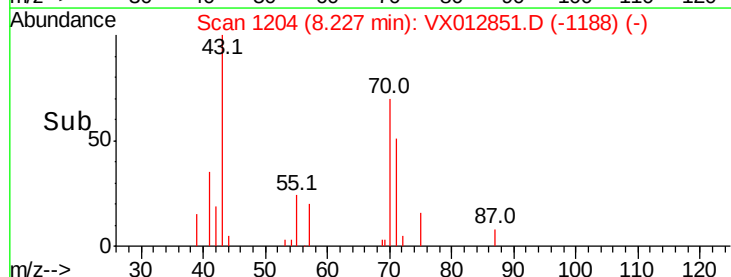
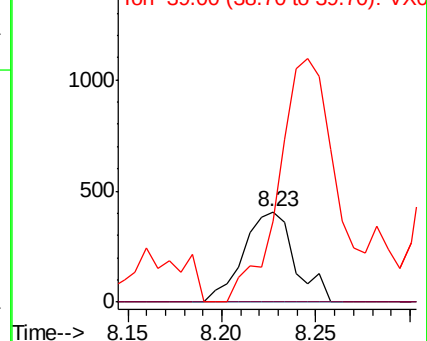
75 100

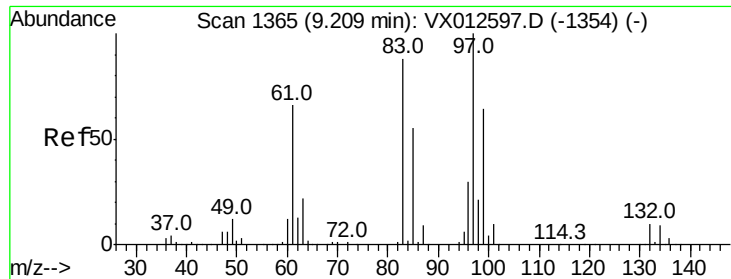
77 0.0 25.8 38.8#

39 37.8 45.5 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

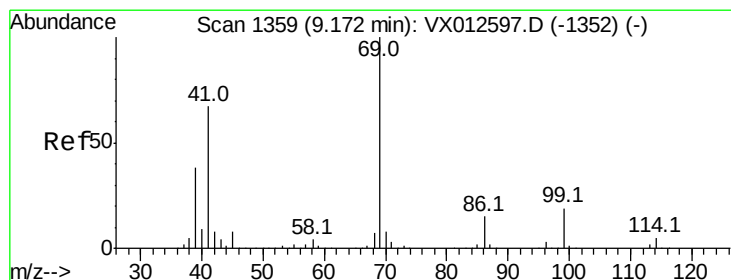
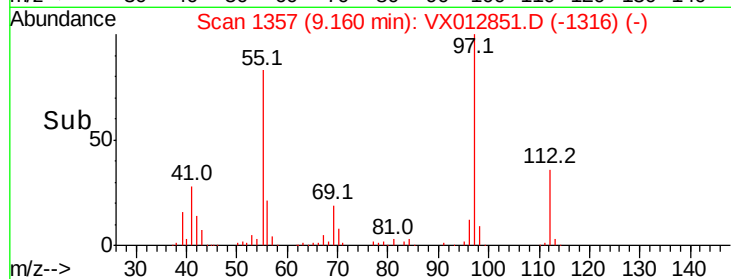
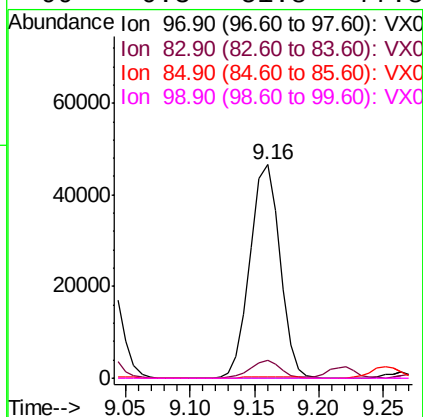
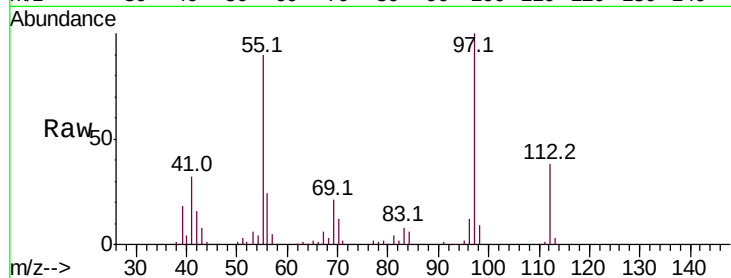




#55
 1,1,2-Trichloroethane
 Concen: 37.342 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

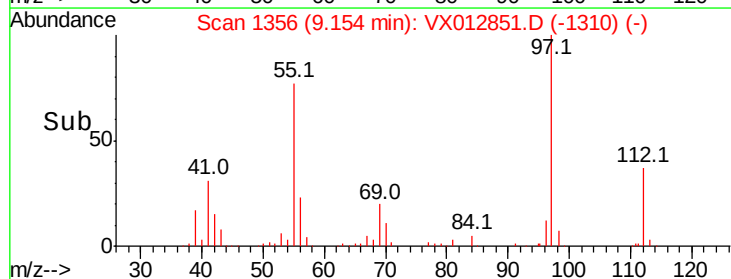
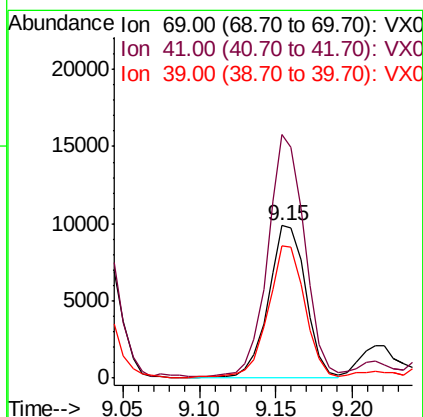
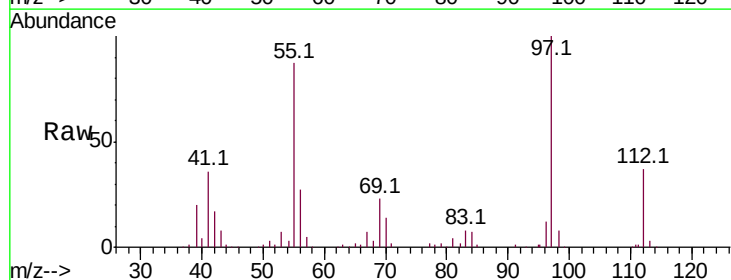
Instrument :
 MSVOA_X
 ClientSampleId :

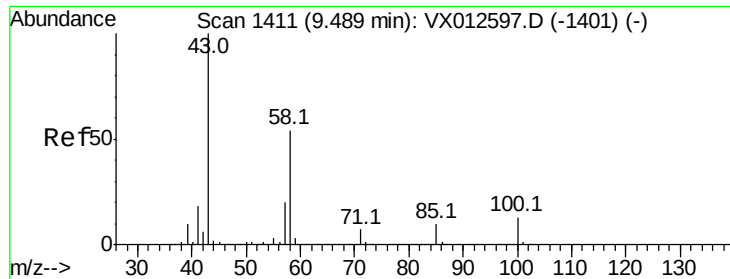
Tot Ion:	97	Resp:	75094
Ion	Ratio	Lower	Upper
97	100		
83	8.5	67.4	101.2#
85	0.4	43.5	65.3#
99	0.3	51.8	77.8#



#56
 Ethyl methacrylate
 Concen: 4.996 ug/l
 RT: 9.15 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion:	69	Resp:	16879
Ion	Ratio	Lower	Upper
69	100		
41	153.5	58.4	87.6#
39	85.4	33.4	50.0#

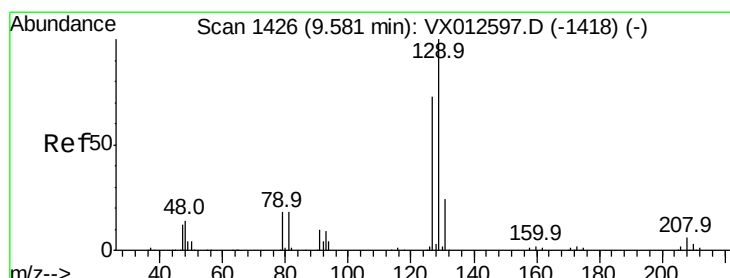
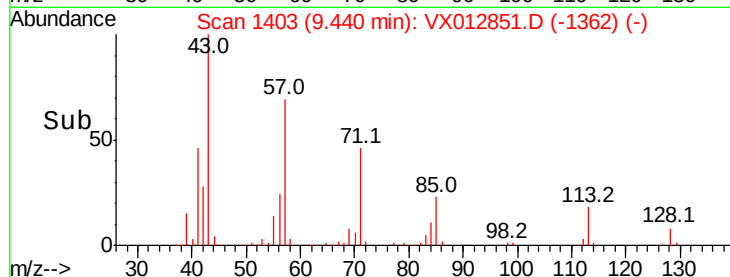
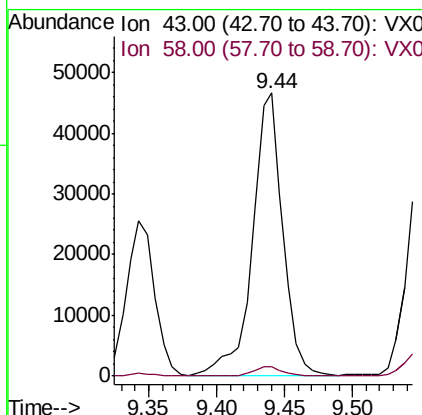
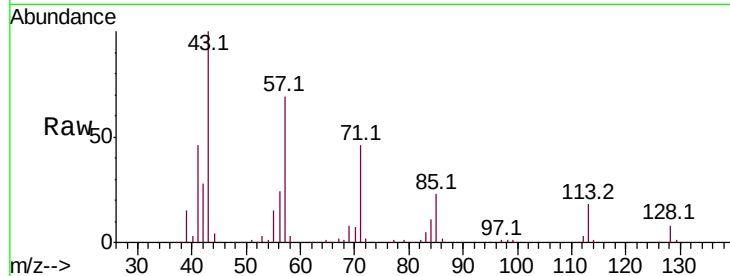




#59
2-Hexanone
Concen: 28.526 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

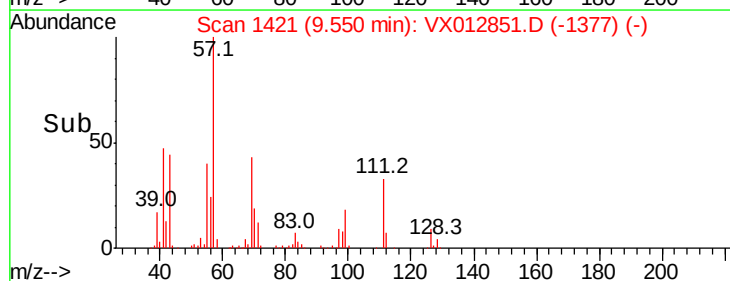
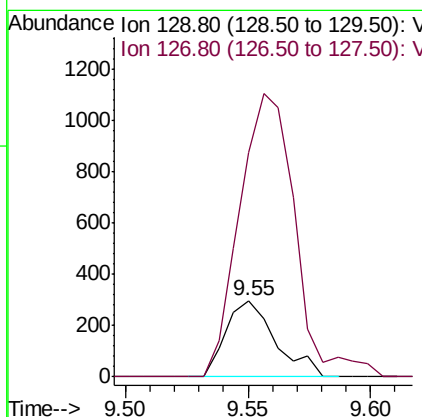
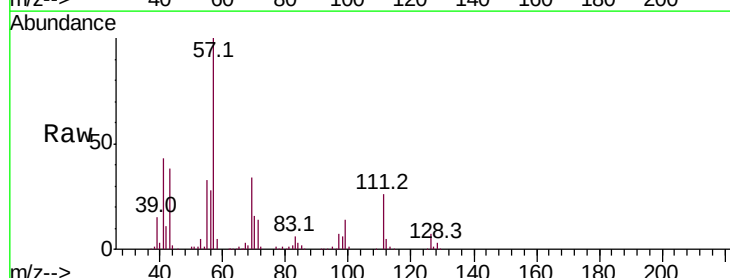
Instrument :
MSVOA_X
ClientSampled :

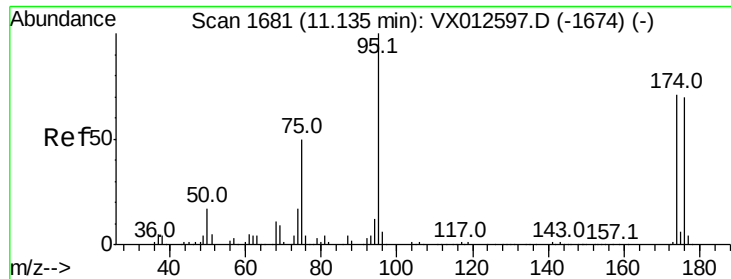
Tot Ion: 43 Resp: 72077
Ion Ratio Lower Upper
43 100
58 3.7 25.7 77.1#



#60
Dibromochloromethane
Concen: 0.205 ug/l
RT: 9.55 min Scan# 1421
Delta R.T. -0.03 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion:129 Resp: 418
Ion Ratio Lower Upper
129 100
127 420.6 38.9 116.6#





#62

4-Bromofluorobenzene

Concen: 55.718 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

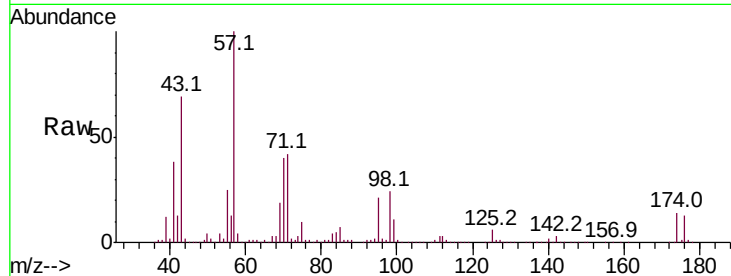
Tot Ion: 95 Resp: 142584

Ion Ratio Lower Upper

95 100

174 59.9 0.0 140.0

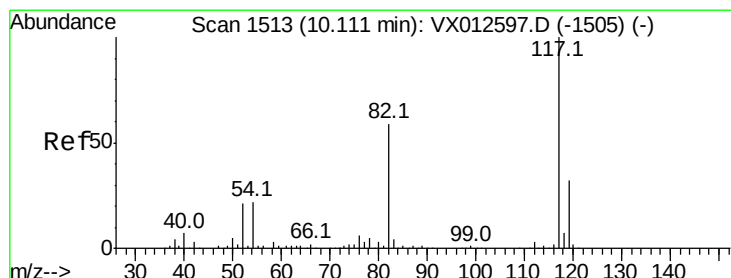
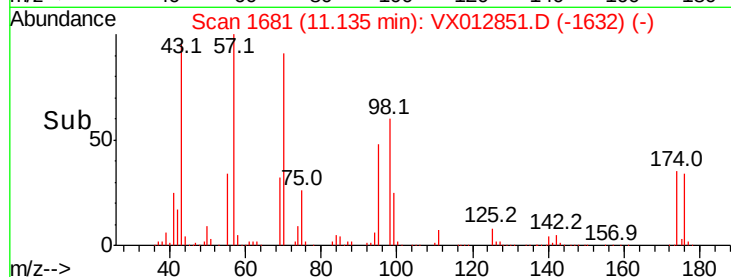
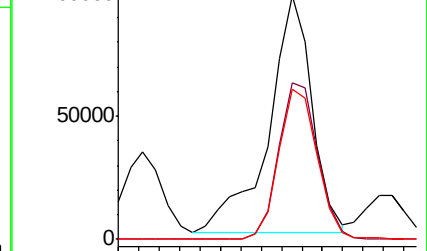
176 56.9 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012851.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012851.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012851.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

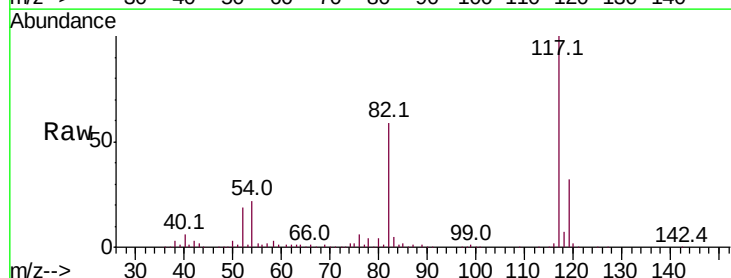
Tgt Ion: 117 Resp: 245779

Ion Ratio Lower Upper

117 100

82 57.9 45.9 68.9

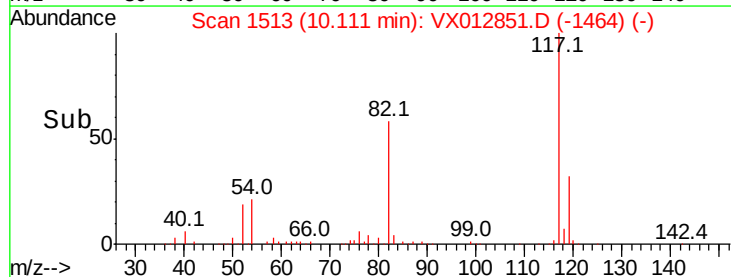
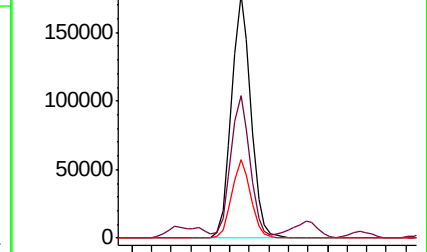
119 32.1 25.3 37.9

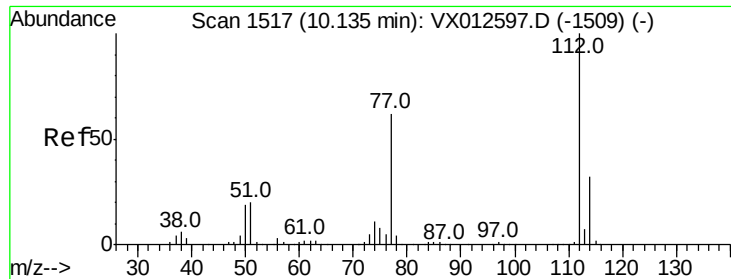


Abundance Ion 116.90 (116.60 to 117.60): VX012851.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012851.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012851.D (-1464) (-)

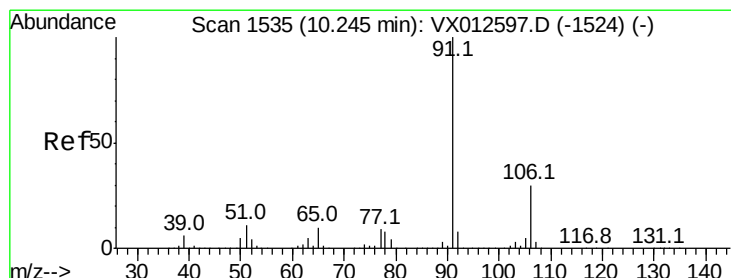
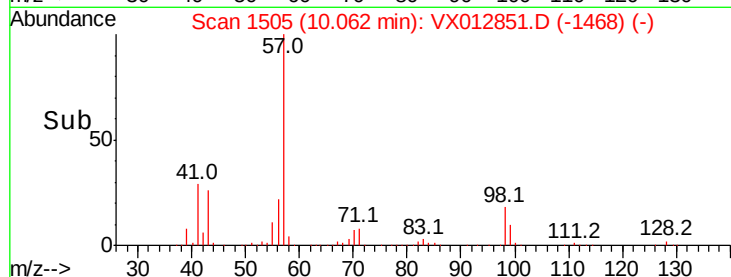
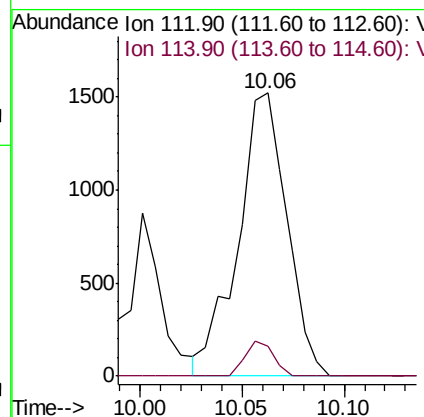
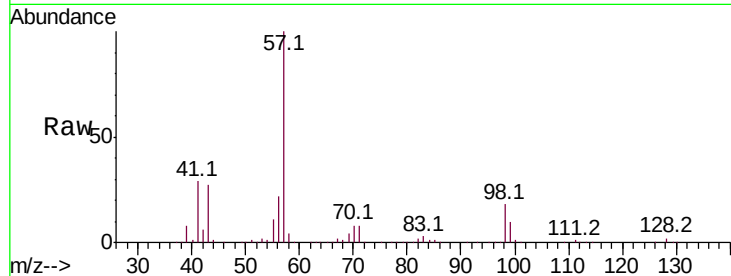




#65
Chlorobenzene
Concen: 0.488 ug/l
RT: 10.06 min Scan# 1505
Delta R.T. -0.07 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

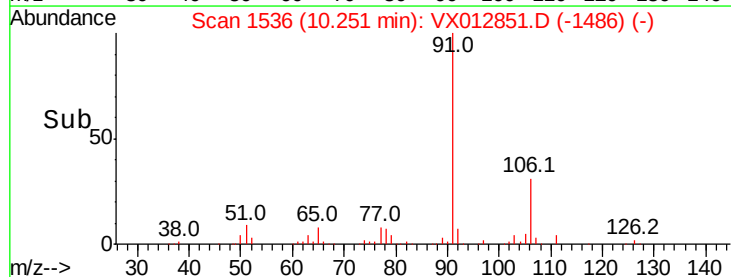
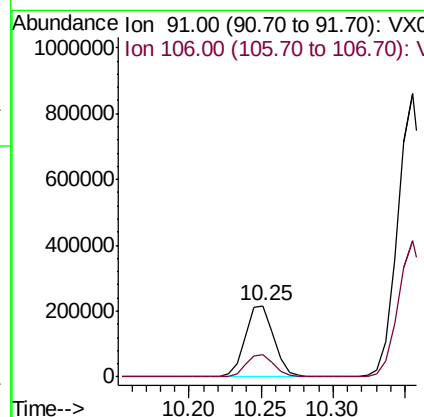
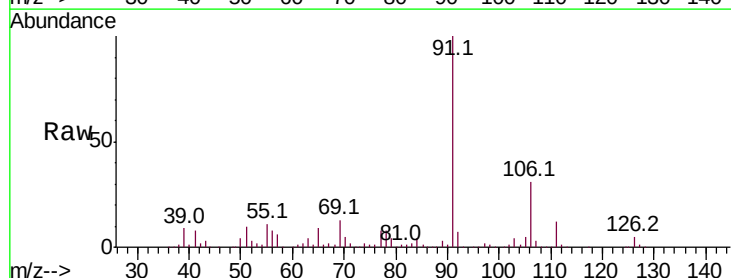
Instrument :
MSVOA_X
ClientSampleId :

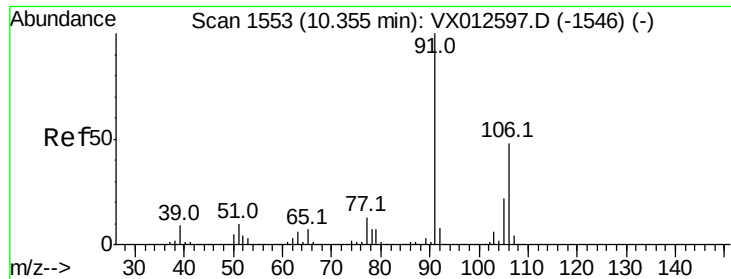
Tot Ion:112 Resp: 2528
Ion Ratio Lower Upper
112 100
114 10.5 25.4 38.0#



#67
Ethyl Benzene
Concen: 31.898 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 91 Resp: 299434
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0





#68

m/p-Xylenes

Concen: 156.281 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

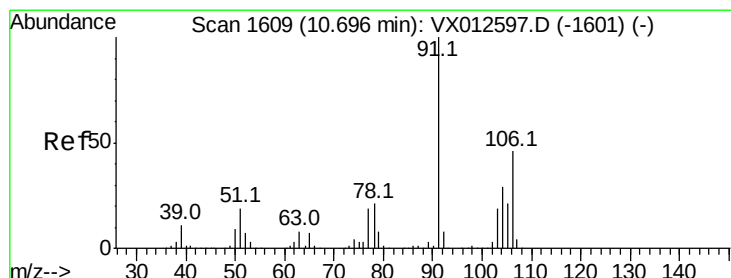
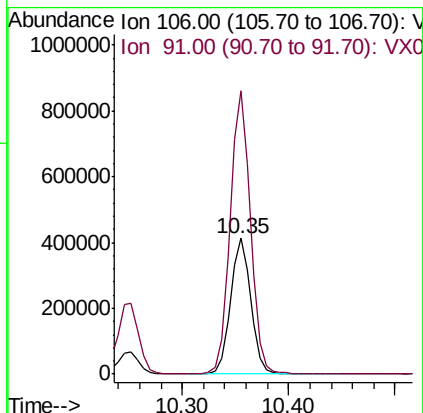
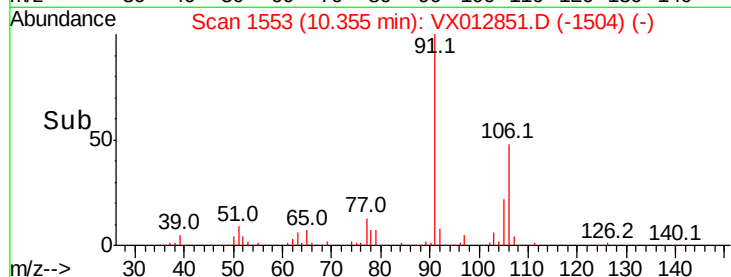
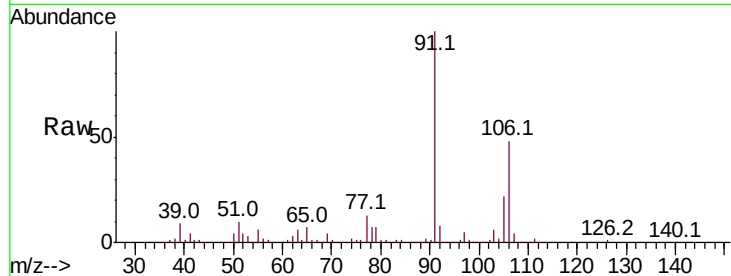
ClientSampled :

Tot Ion:106 Resp: 549554

Ion Ratio Lower Upper

106 100

91 209.4 166.6 250.0



#69

o-Xylene

Concen: 86.535 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012851.D

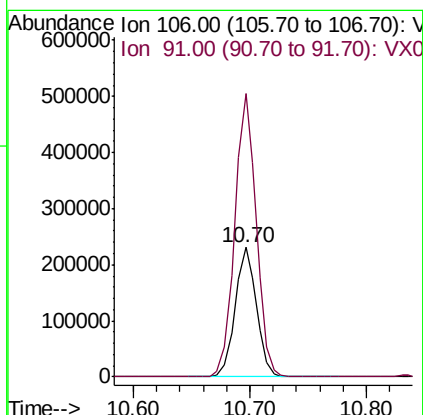
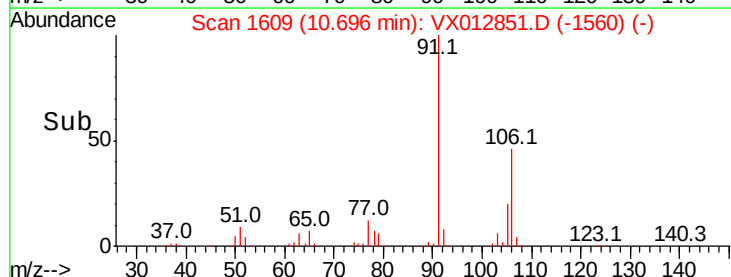
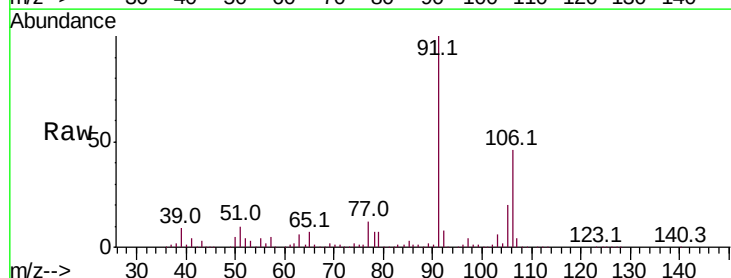
Acq: 07 Oct 2019 20:17

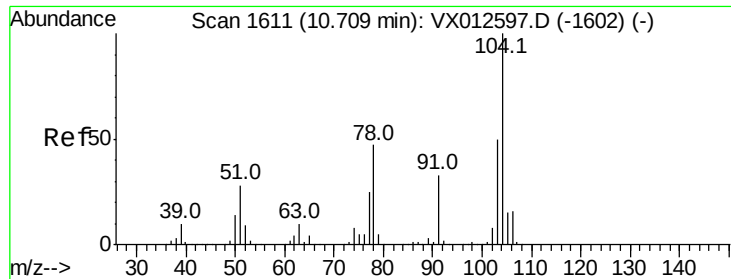
Tgt Ion:106 Resp: 294443

Ion Ratio Lower Upper

106 100

91 220.3 109.4 328.2

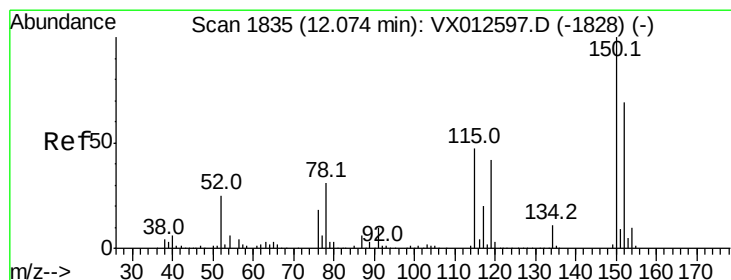
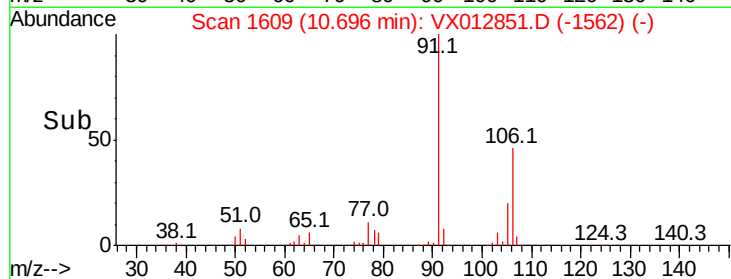
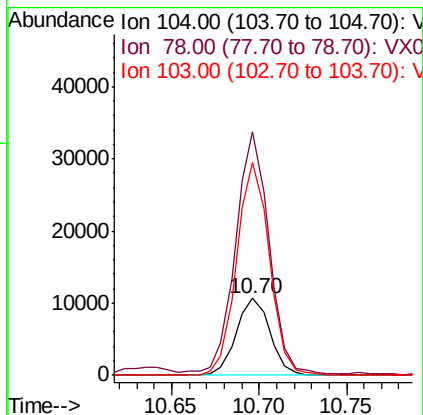
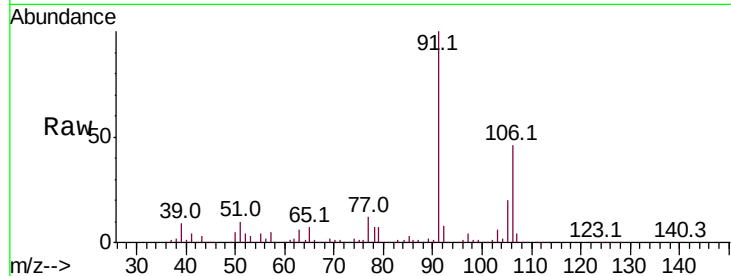




#70
Stvrene
Concen: 2.510 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

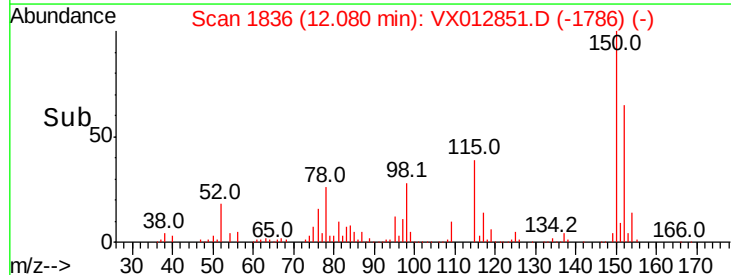
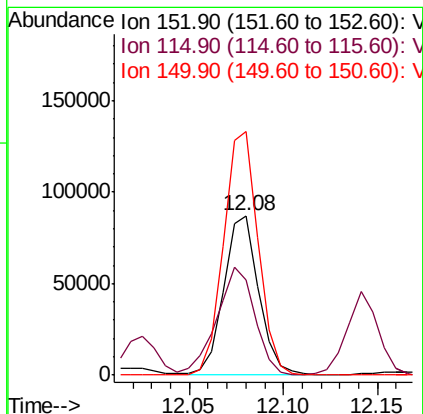
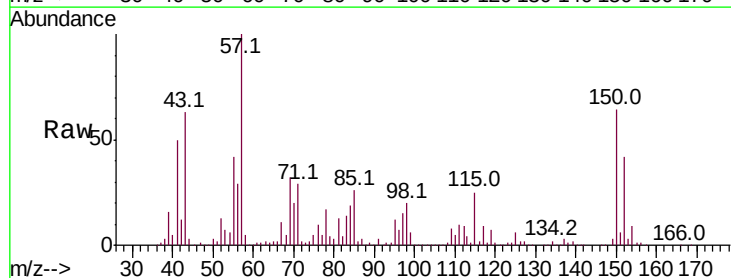
Instrument :
MSVOA_X
ClientSampleId :

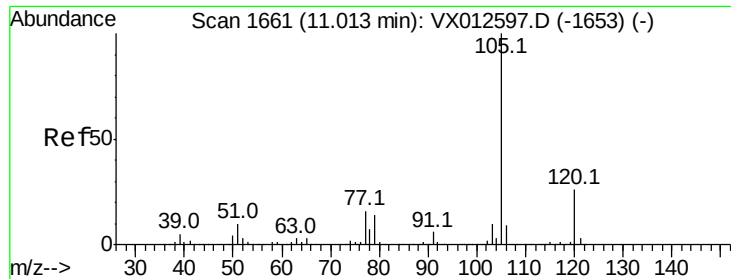
Tot Ion:104 Resp: 14317
Ion Ratio Lower Upper
104 100
78 310.7 43.4 65.2#
103 268.4 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion:152 Resp: 111256
Ion Ratio Lower Upper
152 100
115 73.8 44.1 132.3
150 151.8 0.0 343.8





#73

Isopropylbenzene

Concen: 15.518 ug/l

RT: 11.02 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

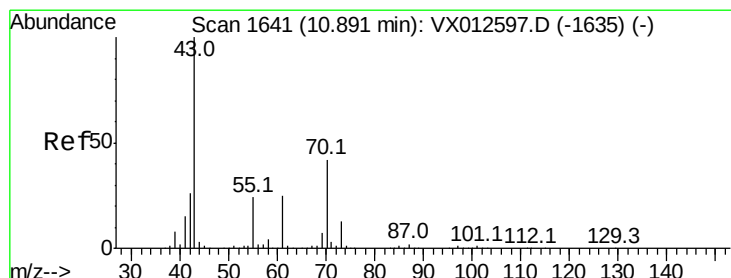
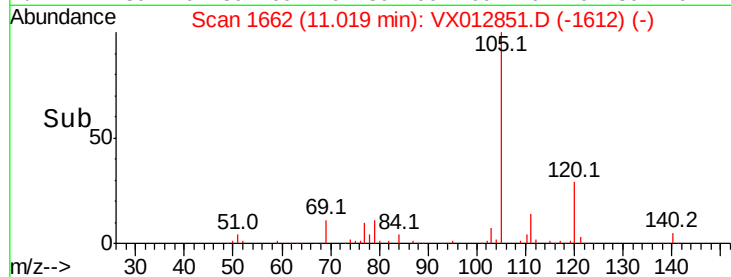
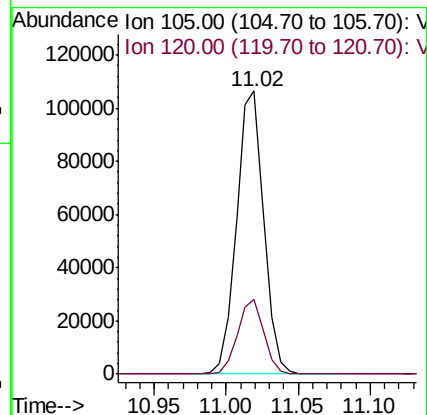
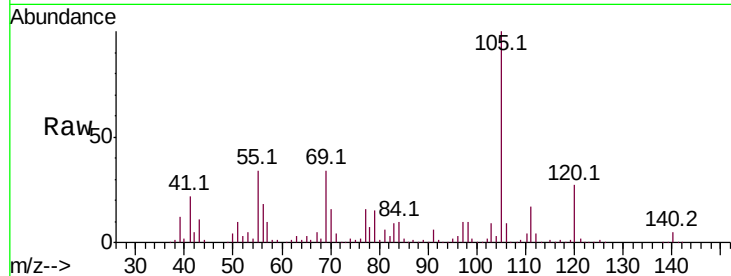
ClientSampleId :

Tot Ion:105 Resp: 140615

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 36.613 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Tgt Ion: 43 Resp: 158276

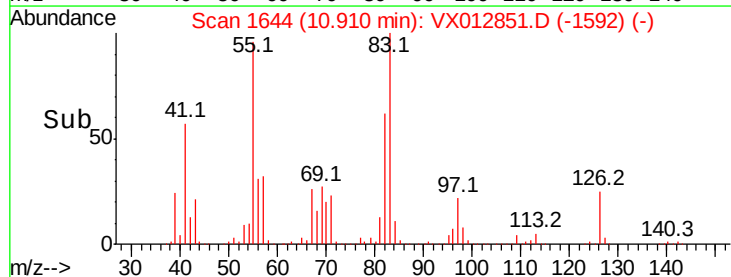
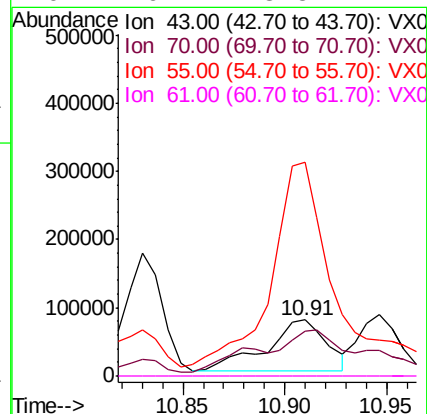
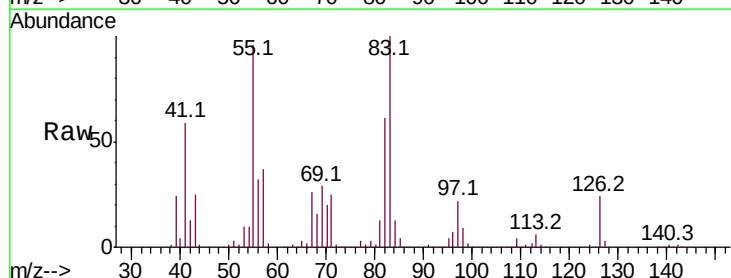
Ion Ratio Lower Upper

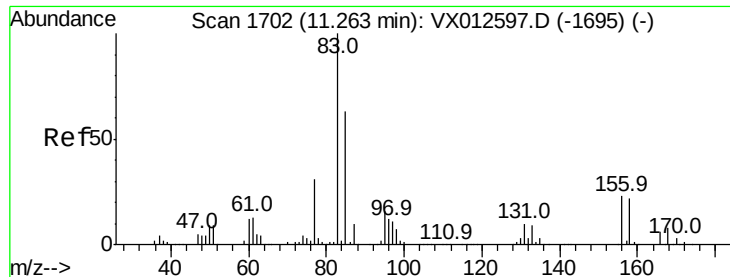
43 100

70 29.1 32.4 48.6#

55 397.6 18.2 27.4#

61 0.2 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 16.248 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

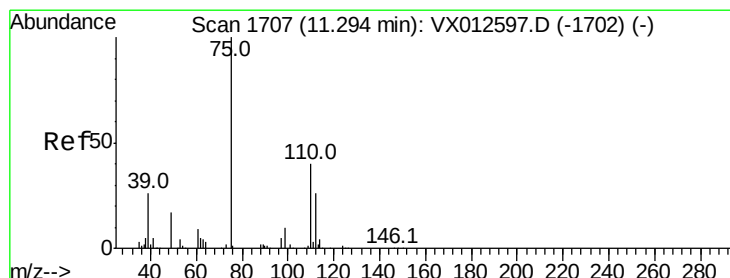
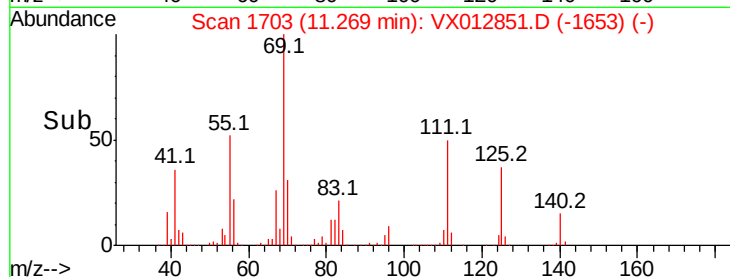
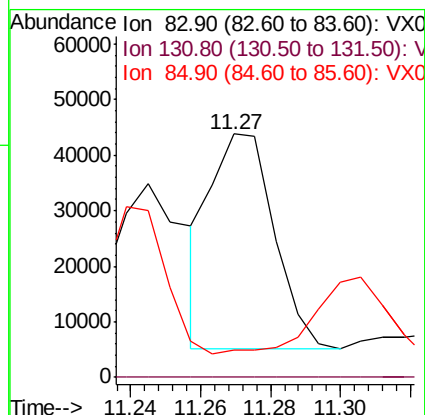
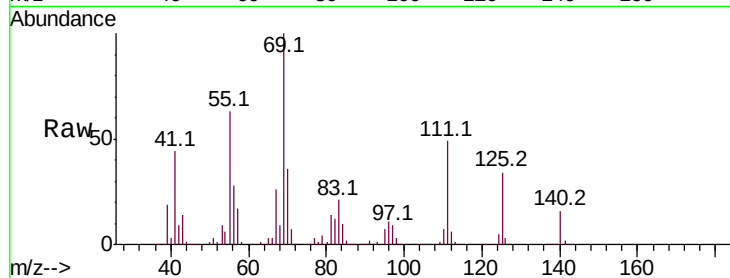
Tot Ion: 83 Resp: 48760

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 1.866 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.07 min

Lab File: VX012851.D

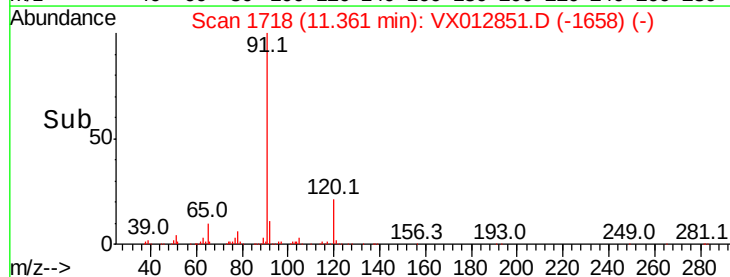
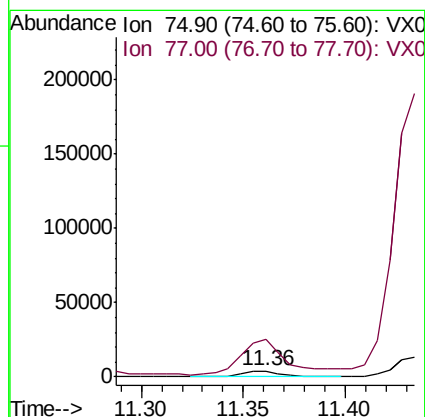
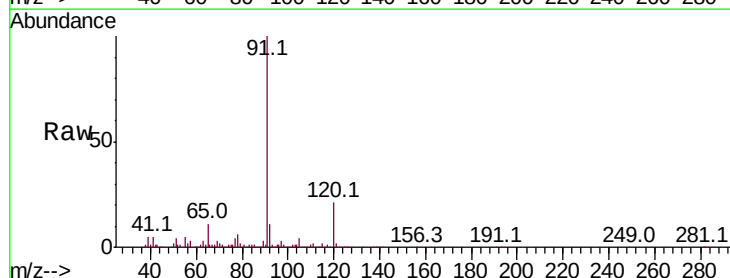
Acq: 07 Oct 2019 20:17

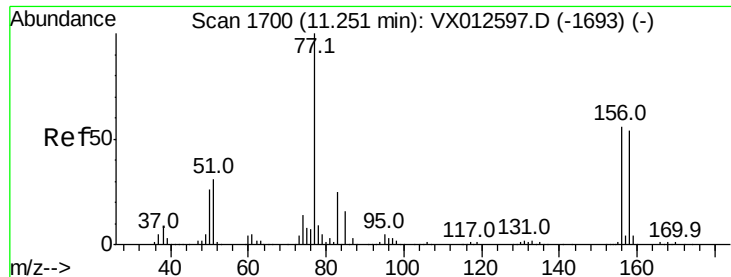
Tgt Ion: 75 Resp: 5491

Ion Ratio Lower Upper

75 100

77 700.5 19.7 59.0#





#77

Bromobenzene

Concen: 0.259 ug/l

RT: 11.30 min Scan# 1708

Delta R.T. 0.05 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

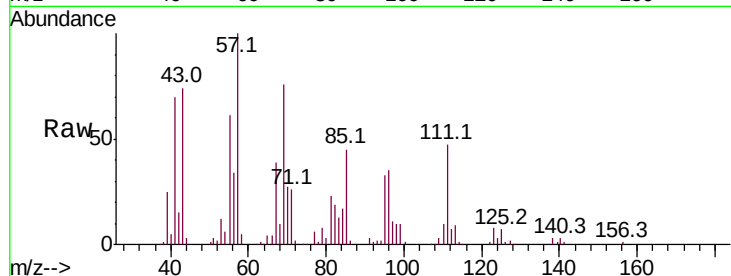
Tot Ion:156 Resp: 532

Ion Ratio Lower Upper

156 100

77 0.0 87.3 261.8#

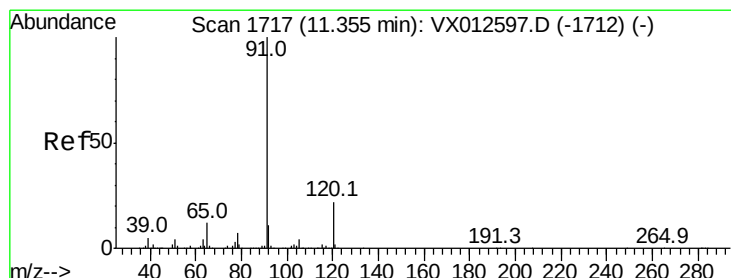
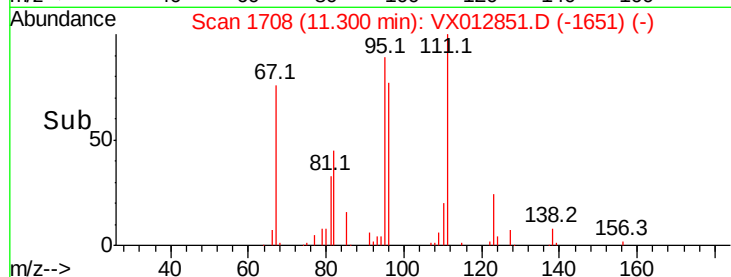
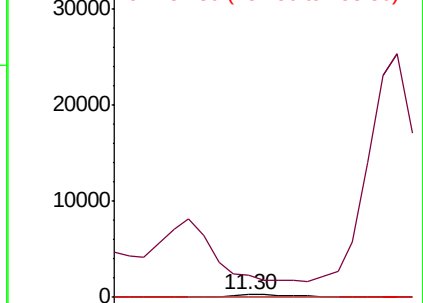
158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 78.758 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VX012851.D

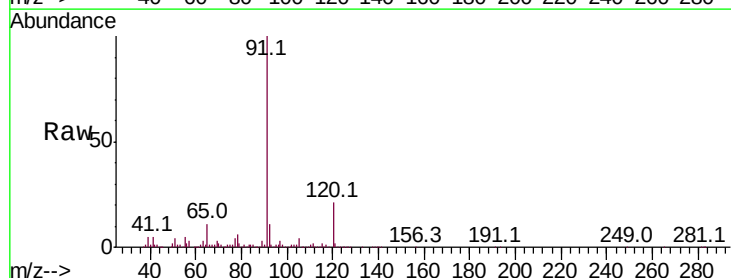
Acq: 07 Oct 2019 20:17

Tgt Ion: 91 Resp: 803455

Ion Ratio Lower Upper

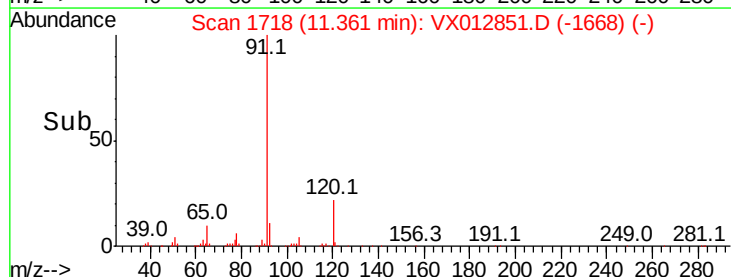
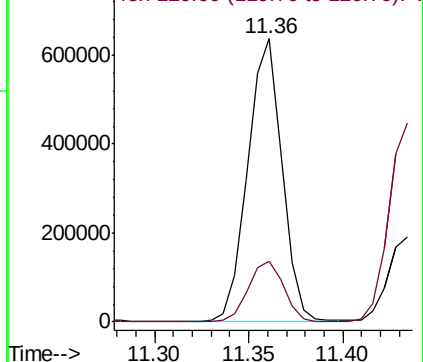
91 100

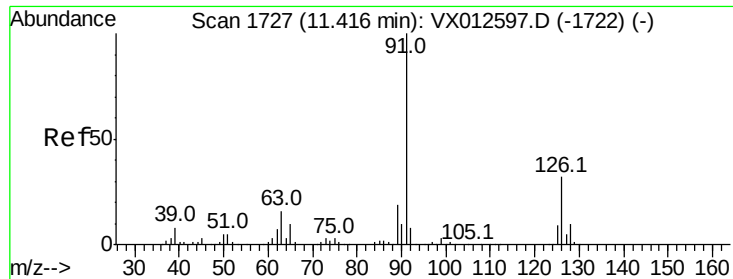
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

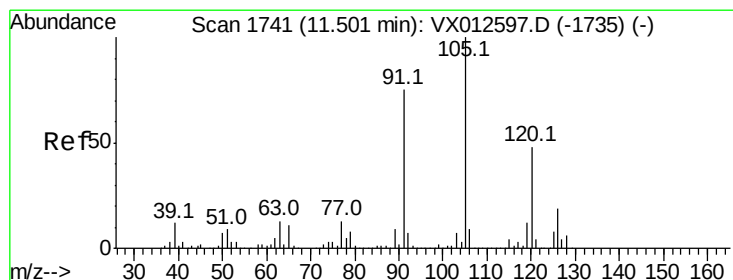
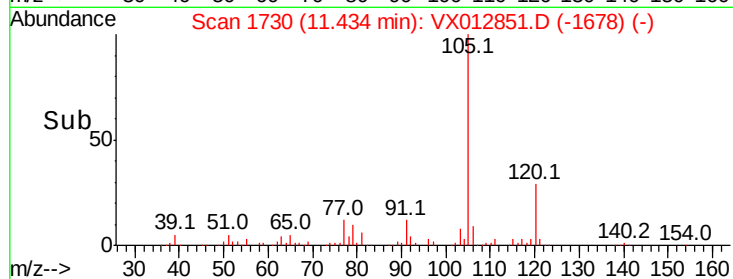
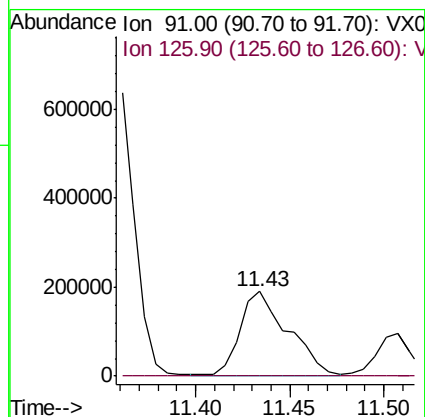
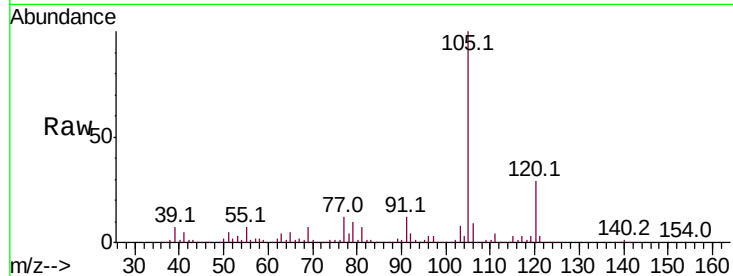




#79
2-Chlorotoluene
Concen: 52.373 ug/l
RT: 11.43 min Scan# 1730
Delta R.T. 0.02 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

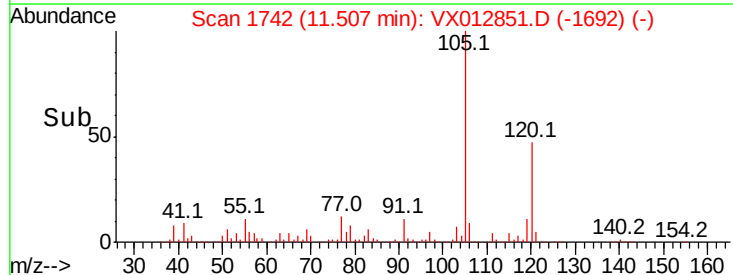
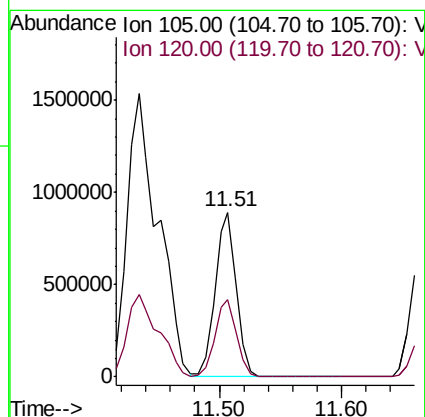
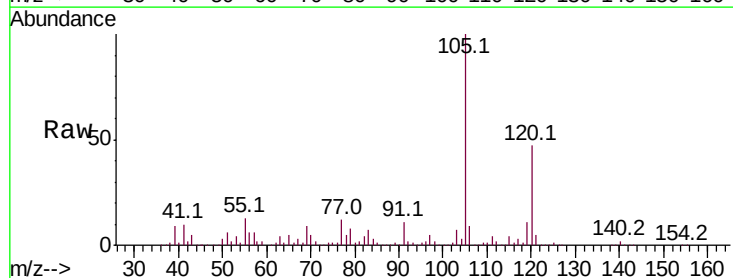
Instrument :
MSVOA_X
ClientSampleId :

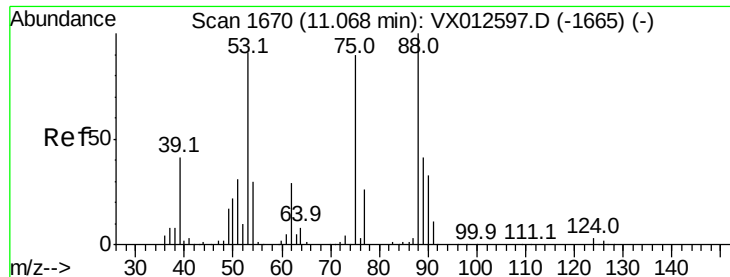
Tot Ion: 91 Resp: 333299
Ion Ratio Lower Upper
91 100
126 0.4 16.4 49.4#



#80
1,3,5-Trimethylbenzene
Concen: 141.884 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion:105 Resp: 1078145
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 1.950 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

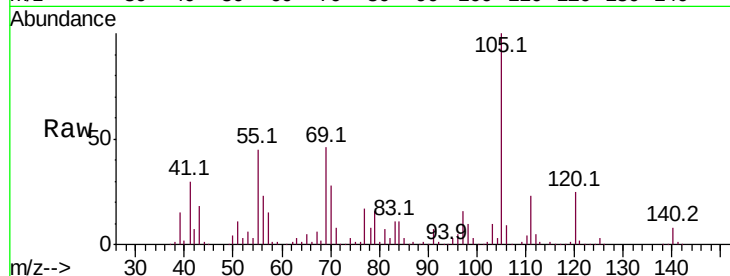
Tot Ion: 75 Resp: 2003

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

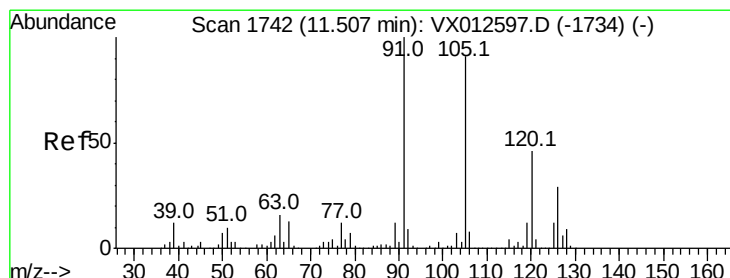
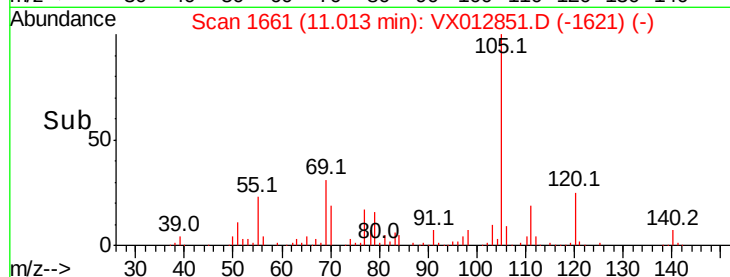
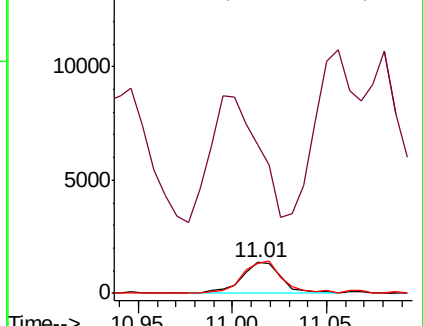
89 104.2 36.3 54.5#



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: 16.688 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012851.D

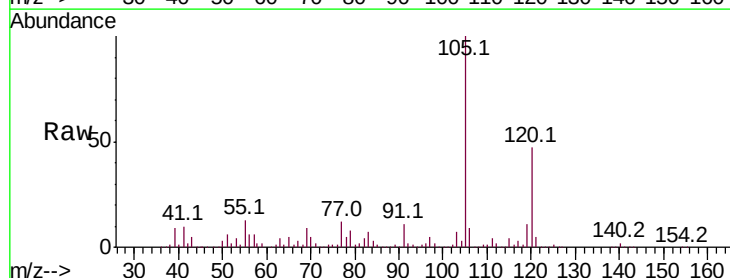
Acq: 07 Oct 2019 20:17

Tgt Ion: 91 Resp: 121064

Ion Ratio Lower Upper

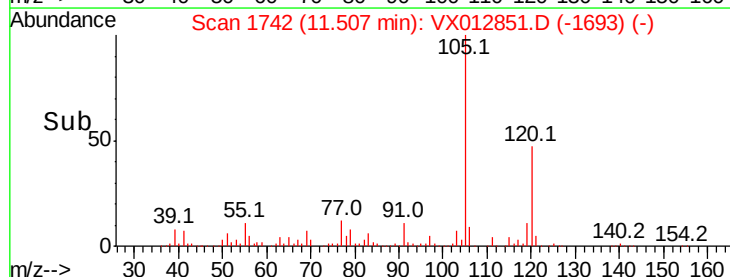
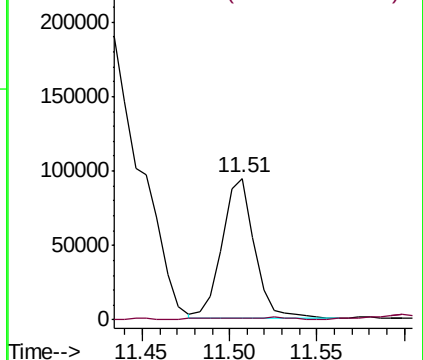
91 100

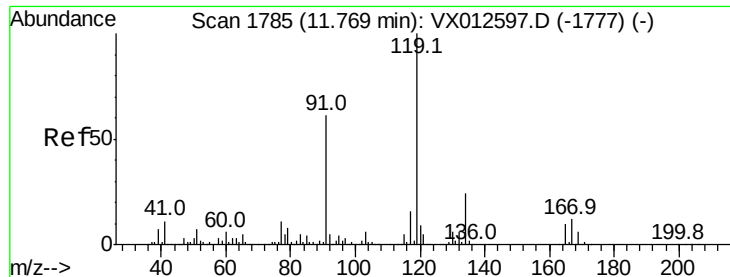
126 1.6 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

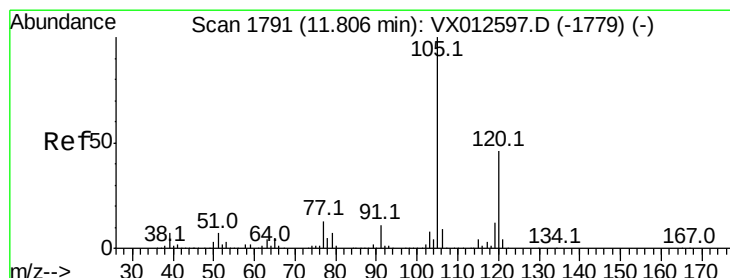
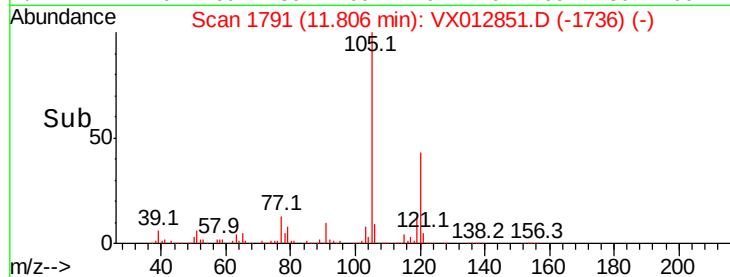
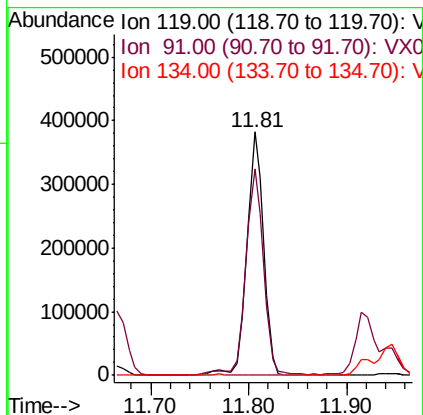
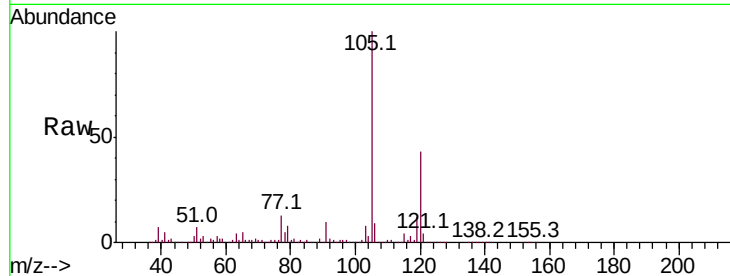




#83
 tert-Butylbenzene
 Concen: 61.841 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

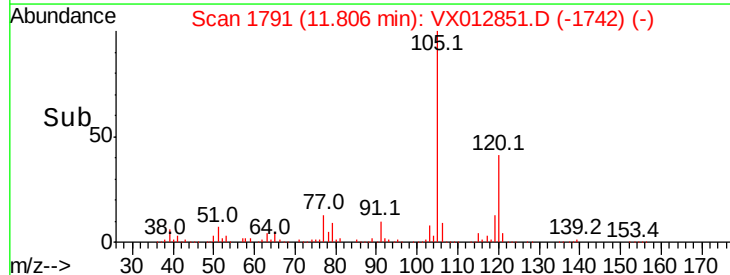
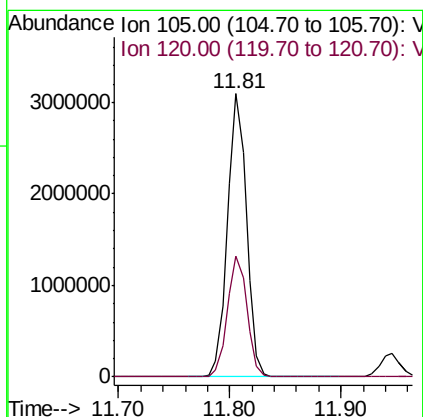
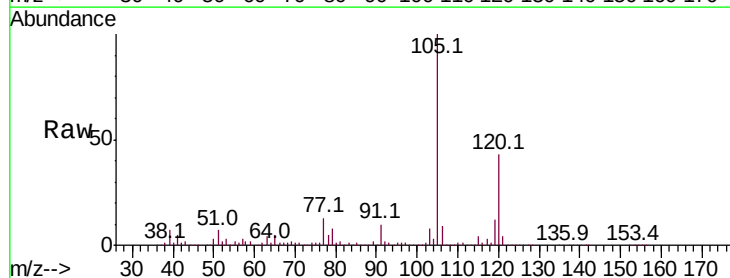
Instrument :
 MSVOA_X
 ClientSampleId :

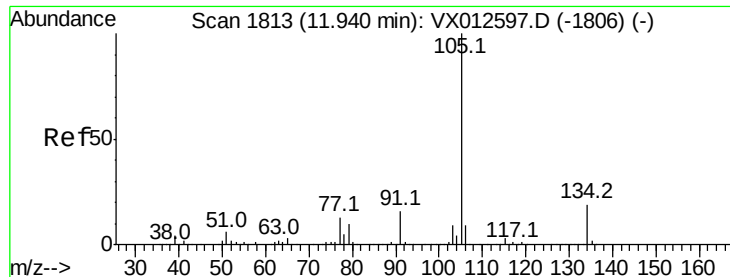
Tot Ion:119 Resp: 453294
 Ion Ratio Lower Upper
 119 100
 91 89.8 30.0 90.0
 134 0.0 11.3 33.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 474.804 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion:105 Resp: 3639599
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6

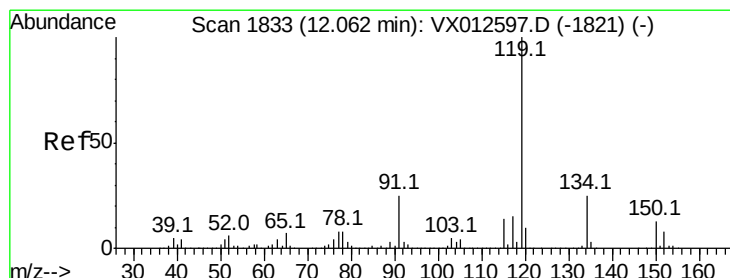
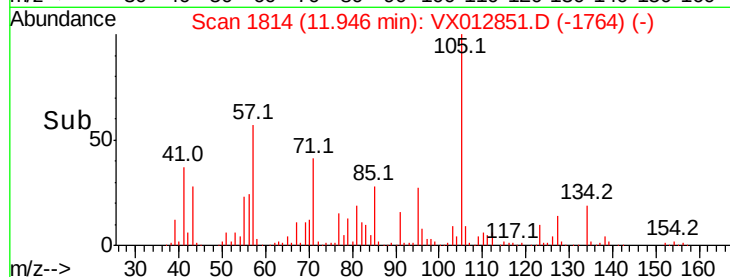
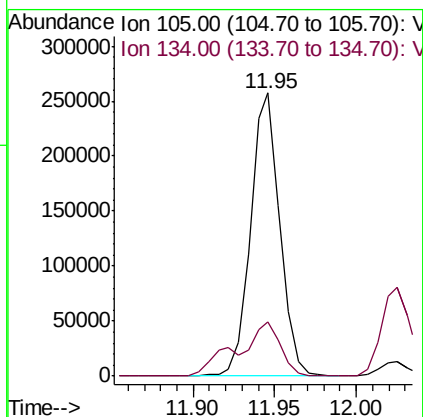
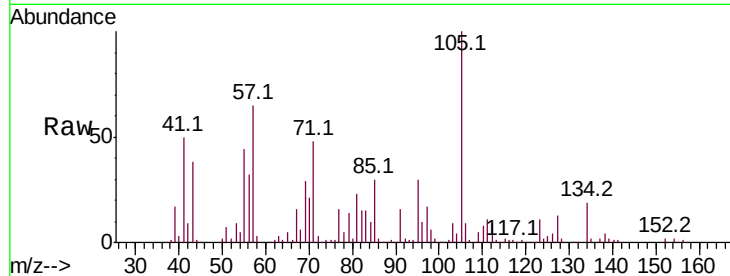




#85
 sec-Butylbenzene
 Concen: 37.243 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

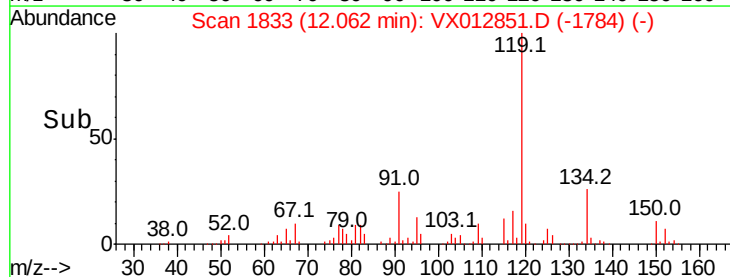
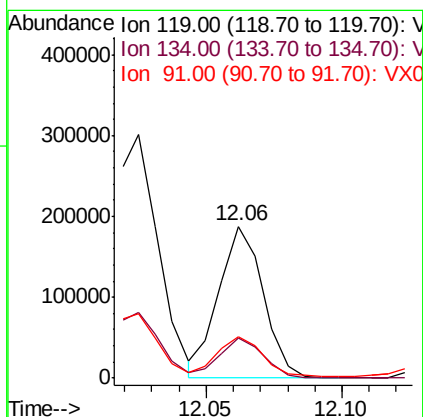
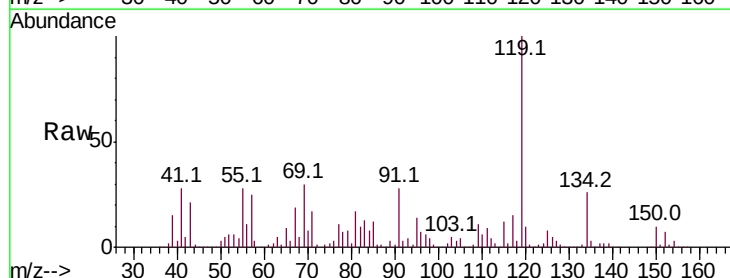
Instrument :
 MSVOA_X
 ClientSampled :

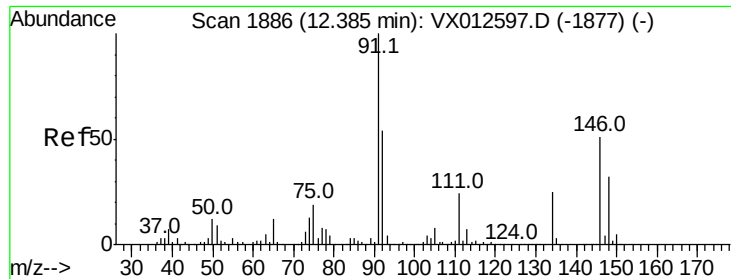
Tot Ion:105 Resp: 317517
 Ion Ratio Lower Upper
 105 100
 134 28.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 27.784 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion:119 Resp: 213739
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 25.6 12.8 38.4





#89

n-Butylbenzene

Concen: 134.451 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

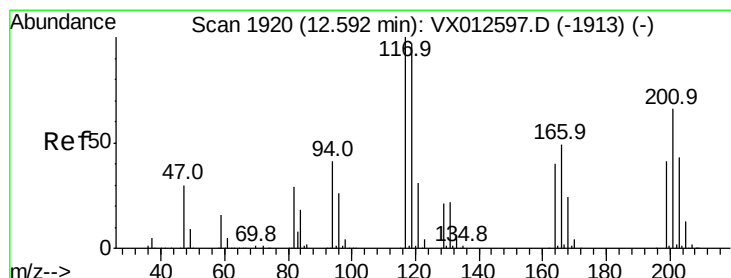
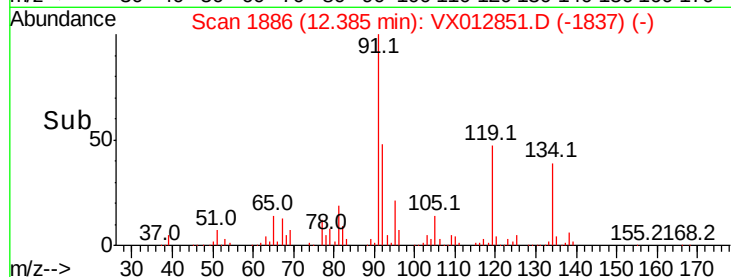
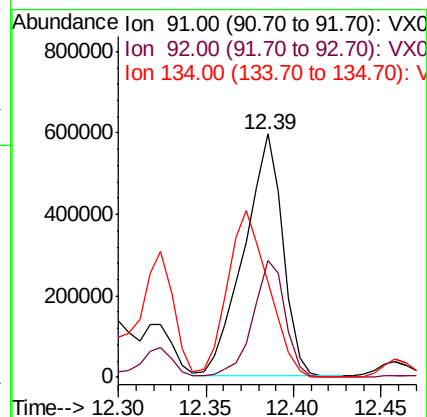
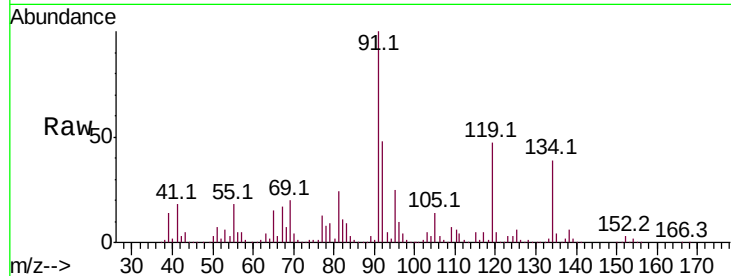
Tot Ion: 91 Resp: 911425

Ion Ratio Lower Upper

91 100

92 40.5 27.7 83.0

134 73.3 12.9 38.6#



#90

Hexachloroethane

Concen: 57.571 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX012851.D

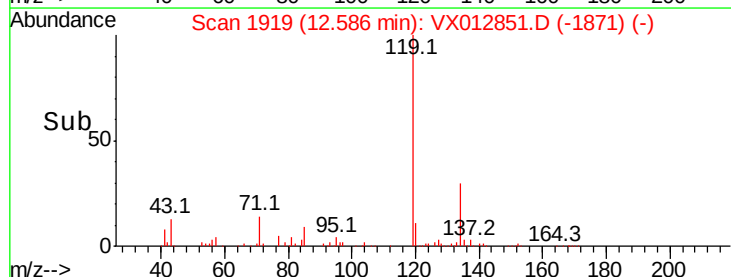
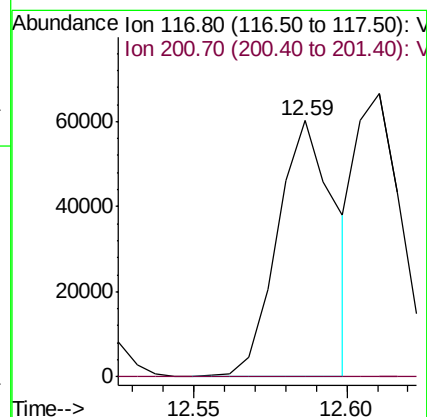
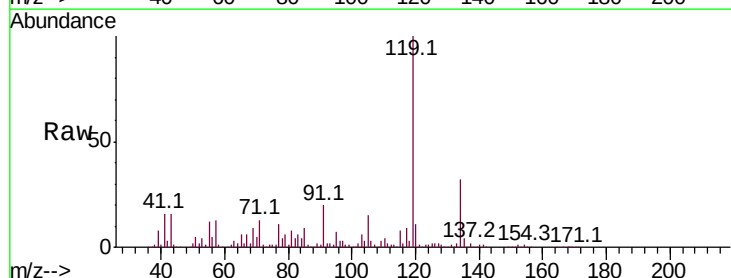
Acq: 07 Oct 2019 20:17

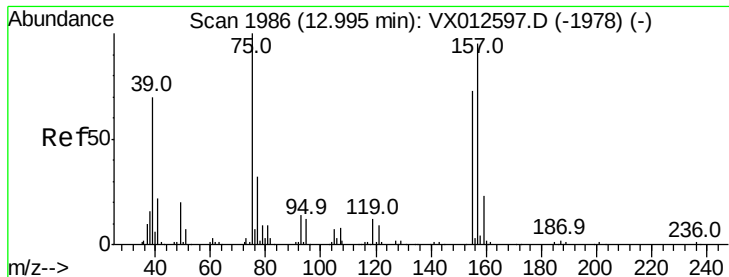
Tgt Ion: 117 Resp: 78958

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.690 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

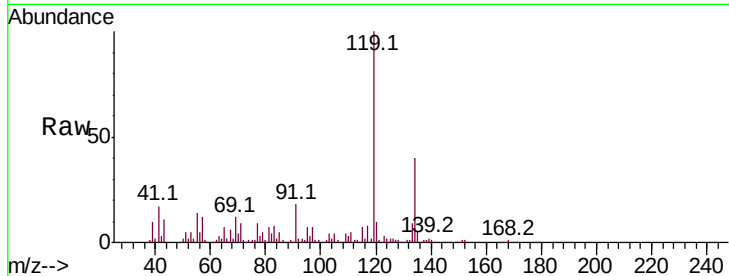
Tot Ion: 75 Resp: 7274

Ion Ratio Lower Upper

75 100

155 49.2 38.6 115.8

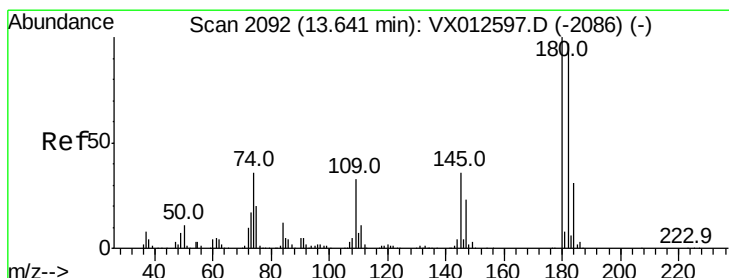
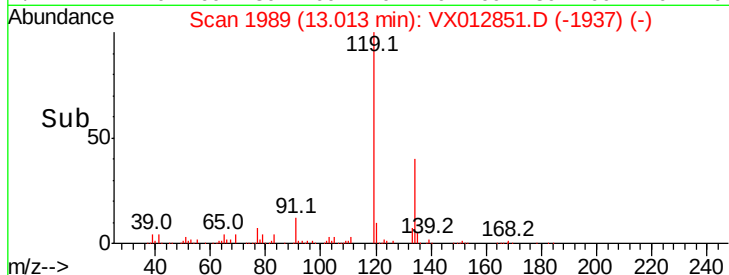
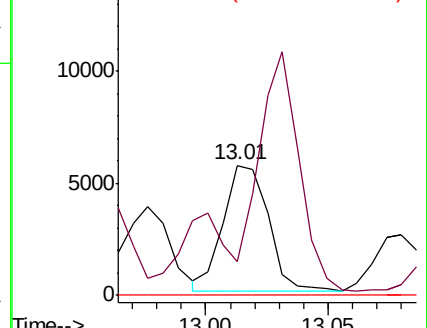
157 0.0 50.6 151.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.876 ug/l

RT: 13.70 min Scan# 2102

Delta R.T. 0.06 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

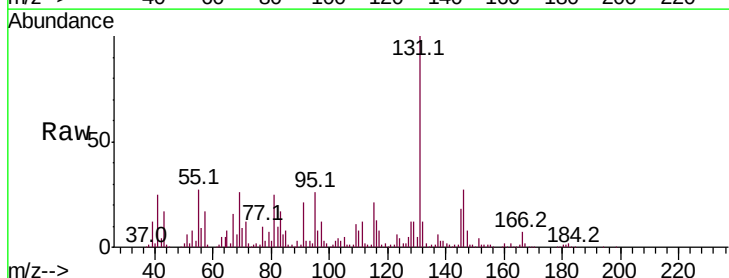
Tgt Ion: 180 Resp: 4227

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

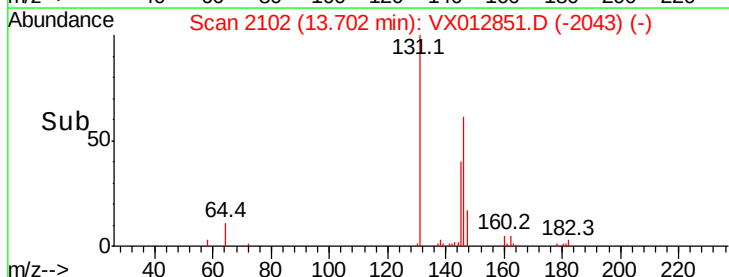
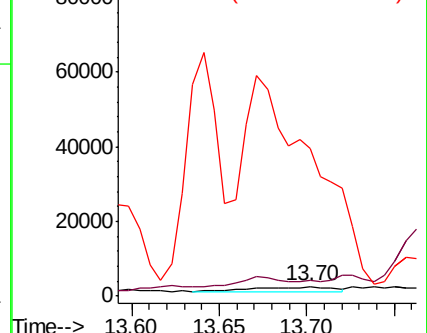
145 0.0 16.8 50.4#

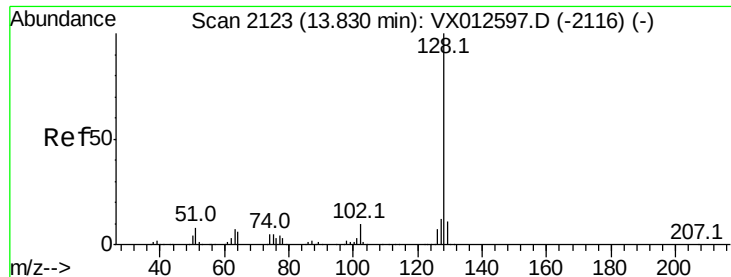


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

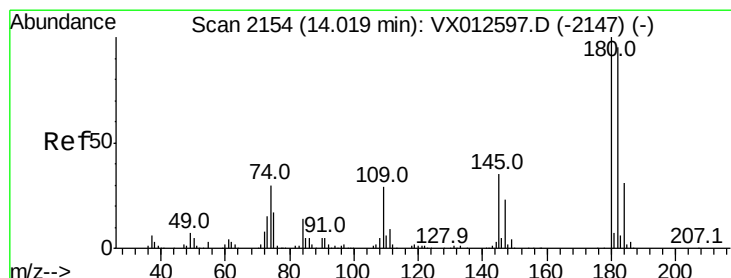
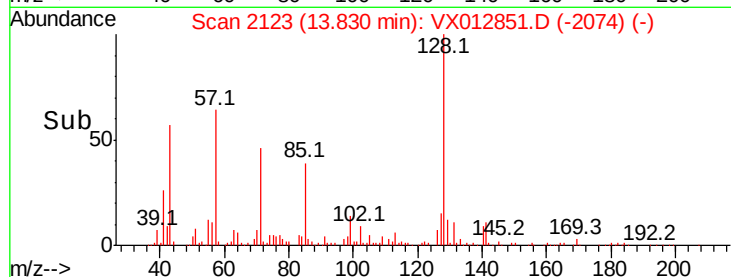
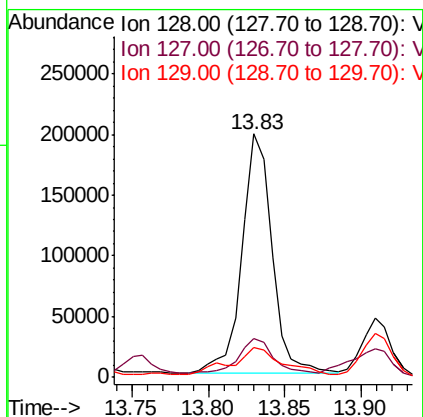
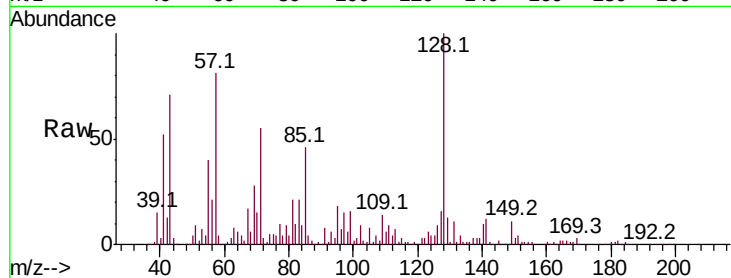




#95
Naphthalene
Concen: 33.319 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 271643
Ion Ratio Lower Upper
128 100
127 16.4 10.2 15.4#
129 18.2 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 5.565 ug/l
RT: 14.03 min Scan# 2156
Delta R.T. 0.02 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion:180 Resp: 12561
Ion Ratio Lower Upper
180 100
182 45.9 47.1 141.3#
145 816.8 18.0 54.0#

