

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014856.D
 Acq On : 06 Feb 2020 18:30
 Operator : JC/SP
 Sample : L1420-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:51:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	460273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	706333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	655988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	254402	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.48	113	207223	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	8.71	98	844598	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	308958	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	783	0.657	ug/l #	1
4) Vinyl Chloride	1.40	62	2258	0.335	ug/l #	73
6) Chloroethane	1.72	64	510	Below Cal	#	68
8) Diethyl Ether	2.18	74	9089	2.656	ug/l	94
11) Tert butyl alcohol	3.03	59	7629751	6322.700	ug/l	100
13) Acrolein	2.28	56	271	0.285	ug/l #	14
14) Allyl chloride	2.69	41	40155	4.883	ug/l #	47
15) Acrylonitrile	3.03	53	64574	23.128	ug/l #	20
16) Acetone	2.43	43	13900	4.866	ug/l	99
17) Carbon Disulfide	2.56	76	3221	0.258	ug/l	96
18) Methyl Acetate	3.03	43	999846	118.908	ug/l #	52
19) Methyl tert-butyl Ether	3.18	73	39561	2.640	ug/l	98
25) 2-Butanone	4.68	43	286997	67.999	ug/l #	78
26) 2,2-Dichloropropane	4.69	77	342838	48.202	ug/l #	52
27) cis-1,2-Dichloroethene	4.58	96	2890	0.513	ug/l #	16
29) Tetrahydrofuran	5.11	42	1287046	513.790	ug/l	97
36) 1,1-Dichloropropene	5.65	75	35209	5.365	ug/l #	51
37) Ethyl Acetate	4.78	43	13750	1.829	ug/l #	69
38) Carbon Tetrachloride	5.65	117	39317	6.272	ug/l #	15
40) Benzene	6.13	78	36367	1.793	ug/l	100
41) Methacrylonitrile	5.11	41	744250	174.177	ug/l #	47
42) 1,2-Dichloroethane	6.19	62	4091	0.584	ug/l #	70
43) Isopropyl Acetate	6.43	43	6515	0.529	ug/l #	71
49) 1,4-Dioxane	7.73	88	15011	120.403	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	61068	7.860	ug/l	90
52) Toluene	8.78	92	27793	2.230	ug/l	95
56) Ethyl methacrylate	9.17	69	147	1.801	ug/l #	23
59) 2-Hexanone	9.29	43	25899	4.296	ug/l	82
65) Chlorobenzene	10.14	112	10508	0.749	ug/l #	68
67) Ethyl Benzene	10.25	91	5631	0.235	ug/l	96
68) m/p-Xylenes	10.36	106	65504	7.217	ug/l	99
69) o-Xylene	10.70	106	45707	5.216	ug/l	98
70) Styrene	10.70	104	5034	0.342	ug/l #	1
74) N-ethyl acetate	10.94	43	14236	1.403	ug/l #	53

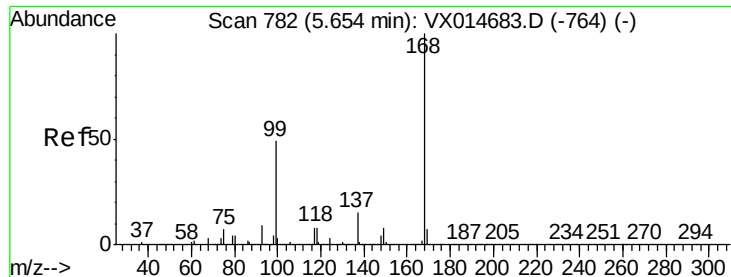
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014856.D
 Acq On : 06 Feb 2020 18:30
 Operator : JC/SP
 Sample : L1420-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:51:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.13	75	151037	19.710	ug/l #	40
79) 2-Chlorotoluene	11.43	91	6351	0.399	ug/l	85
80) 1,3,5-Trimethylbenzene	11.50	105	14579	0.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	151037	56.092	ug/l #	11
82) 4-Chlorotoluene	11.43	91	6351	0.351	ug/l	91
83) tert-Butylbenzene	12.02	119	4444	0.246	ug/l	66
84) 1,2,4-Trimethylbenzene	11.80	105	46953	2.435	ug/l	92
86) p-Isopropyltoluene	12.06	119	13201	0.646	ug/l	84
87) 1,3-Dichlorobenzene	12.09	146	50141	4.484	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	50141	4.477	ug/l	93
90) Hexachloroethane	12.57	117	1029	0.271	ug/l #	7
91) 1,2-Dichlorobenzene	12.39	146	4391	0.395	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	525	0.296	ug/l #	35
95) Naphthalene	13.83	128	52798	3.176	ug/l	99

(#) = 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. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

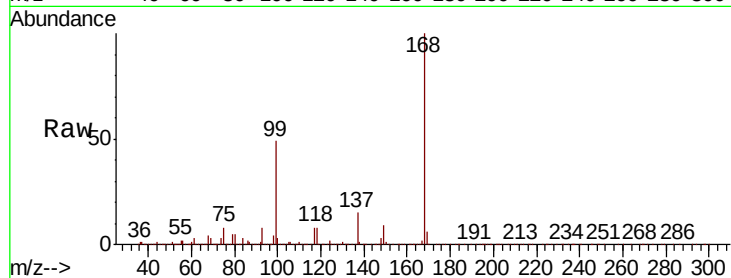
ClientSampleId :

Tot Ion:168 Resp: 460273

Ion Ratio Lower Upper

168 100

99 48.6 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

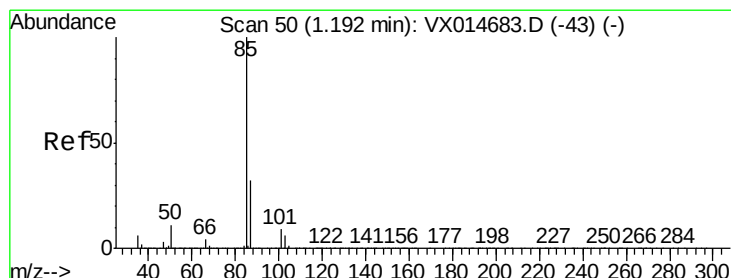
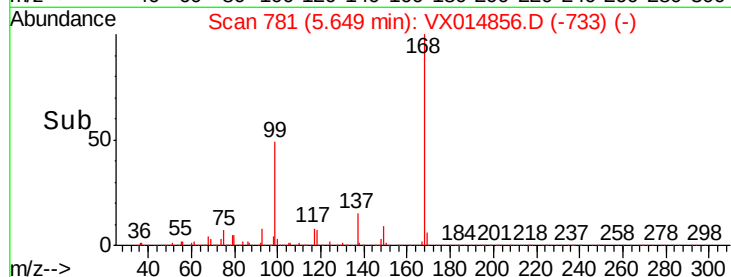
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.657 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014856.D

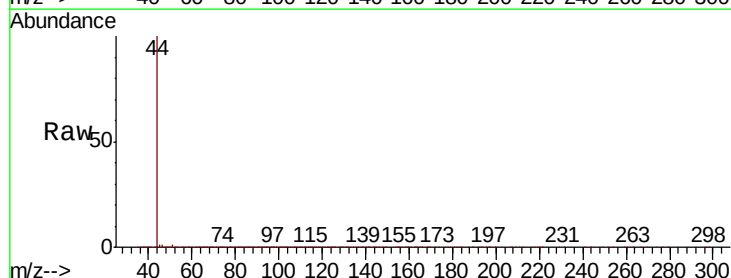
Acq: 06 Feb 2020 18:30

Tgt Ion: 85 Resp: 783

Ion Ratio Lower Upper

85 100

87 92.1 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300

250

200

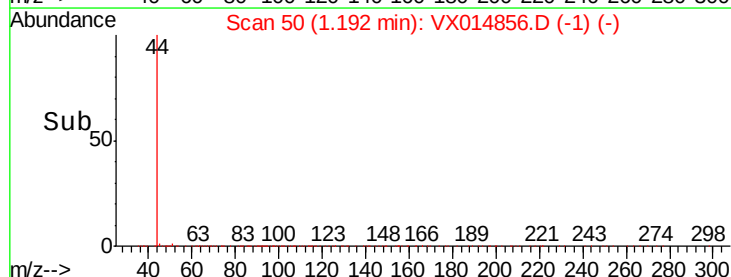
150

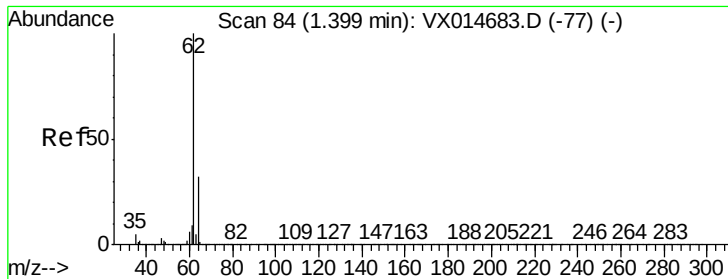
100

50

0

Time-->





#4

Vinyl Chloride

Concen: 0.335 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

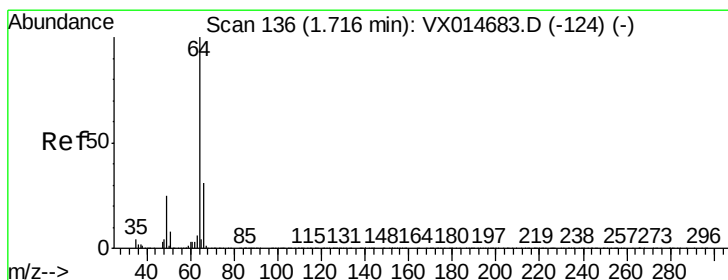
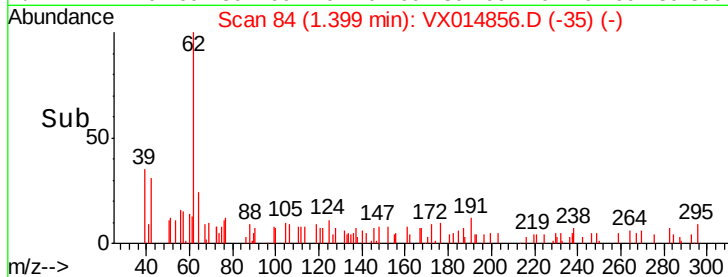
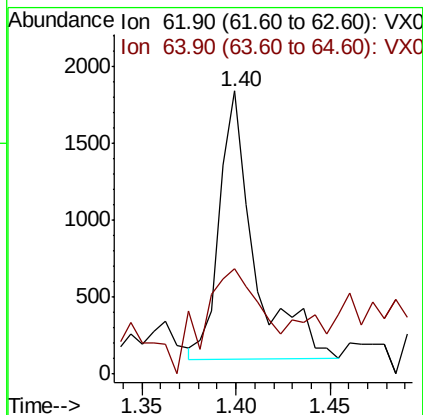
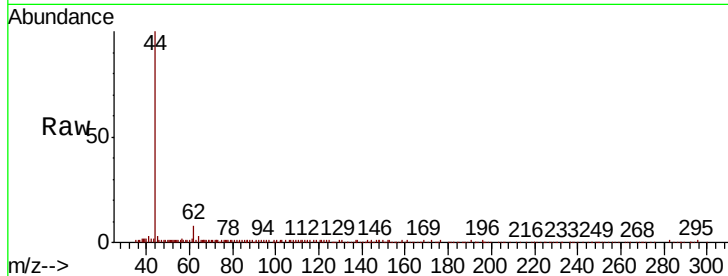
ClientSampleId :

Tot Ion: 62 Resp: 2258

Ion Ratio Lower Upper

62 100

64 17.1 25.4 38.2#



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014856.D

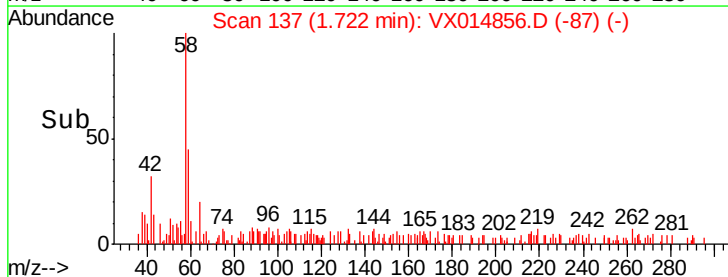
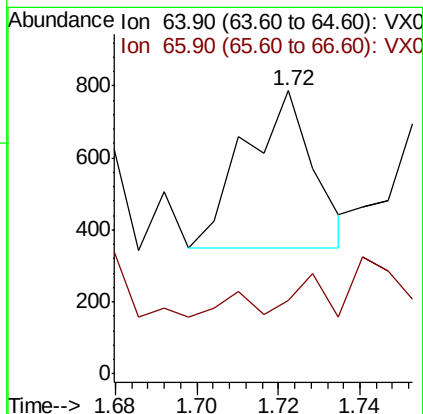
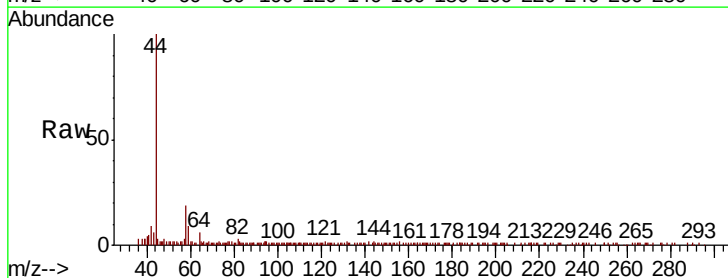
Acq: 06 Feb 2020 18:30

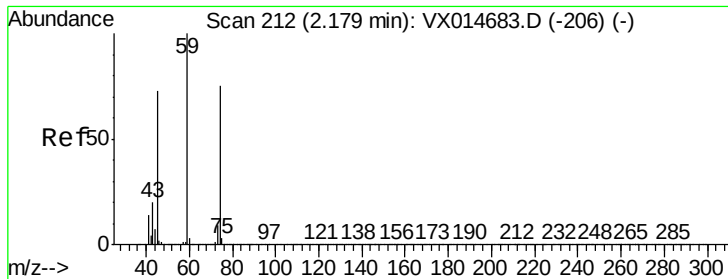
Tgt Ion: 64 Resp: 510

Ion Ratio Lower Upper

64 100

66 13.9 25.2 37.8#





#8

Diethyl Ether

Concen: 2.656 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

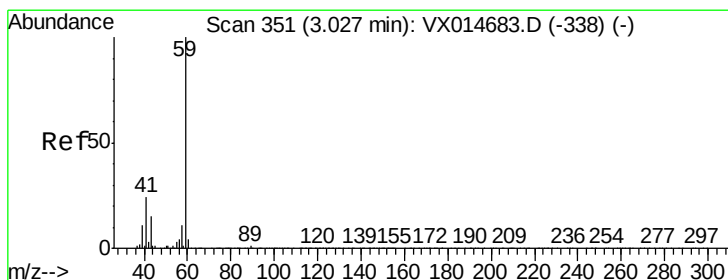
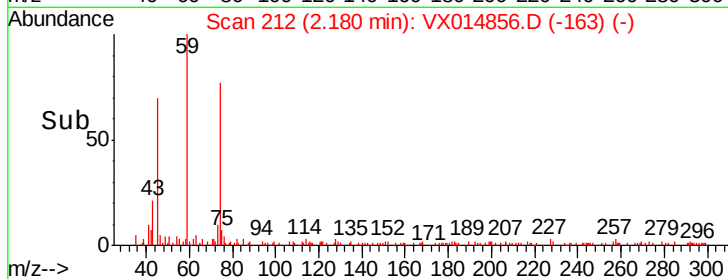
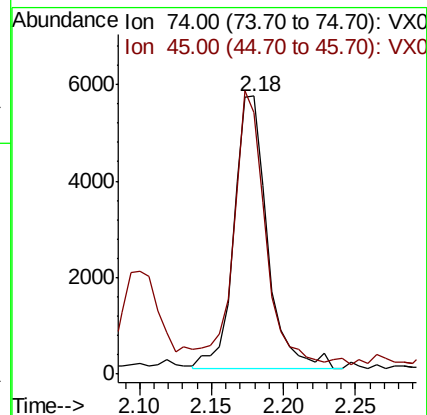
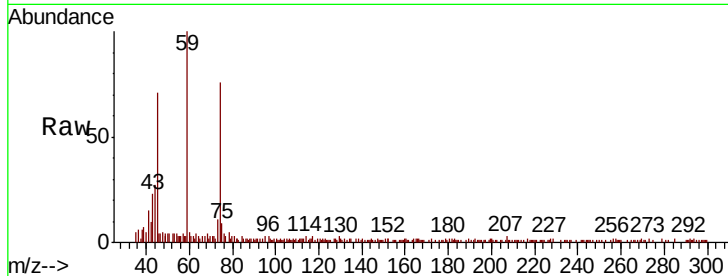
ClientSampleId :

Tot Ion: 74 Resp: 9089

Ion Ratio Lower Upper

74 100

45 92.9 49.4 148.0



#11

Tert butyl alcohol

Concen: 6322.700 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX014856.D

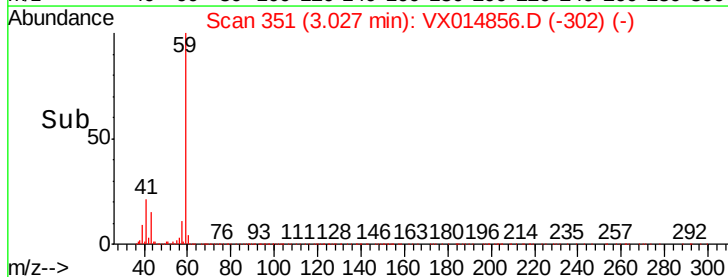
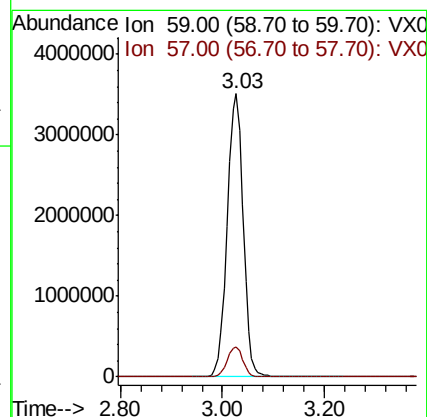
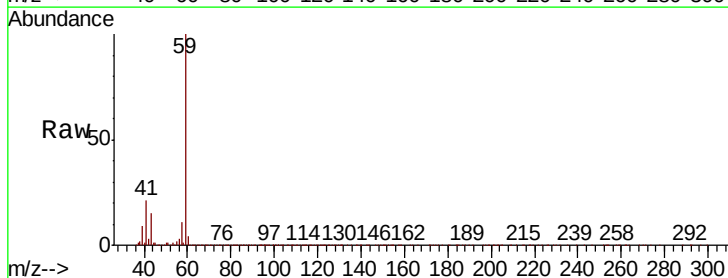
Acq: 06 Feb 2020 18:30

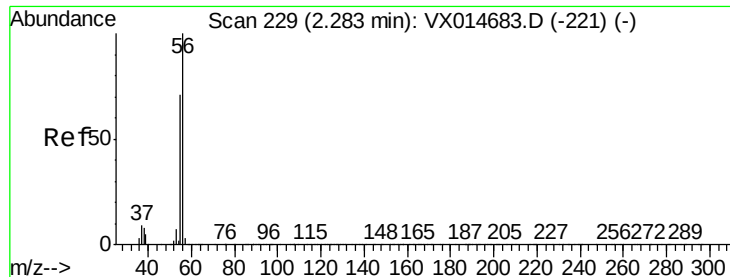
Tgt Ion: 59 Resp: 7629751

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5





#13

Acrolein

Concen: 0.285 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

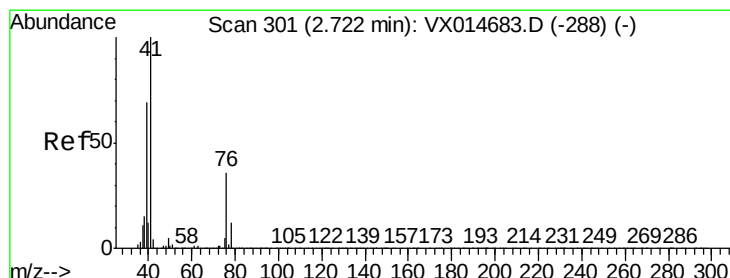
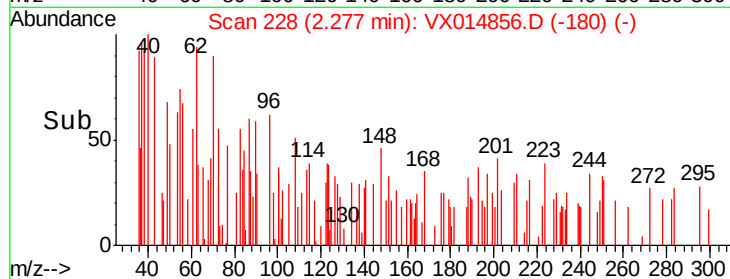
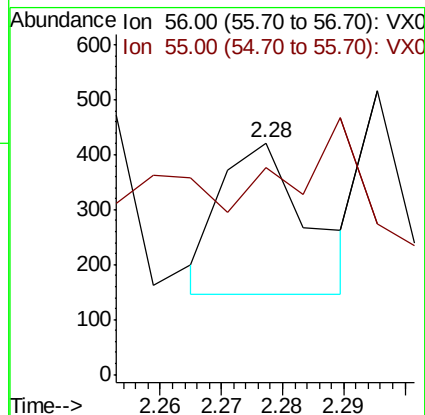
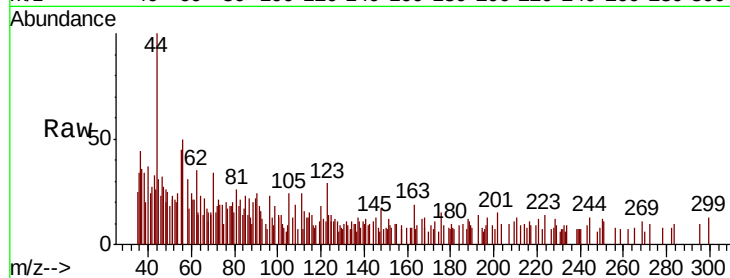
ClientSampled :

Tot Ion: 56 Resp: 271

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#14

Allyl chloride

Concen: 4.883 ug/l

RT: 2.69 min Scan# 296

Delta R.T. -0.03 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

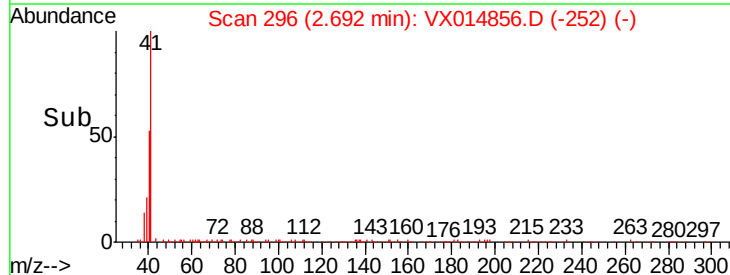
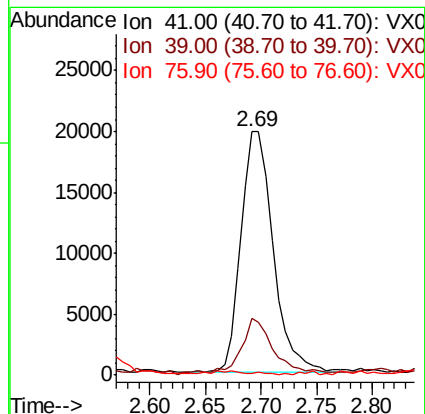
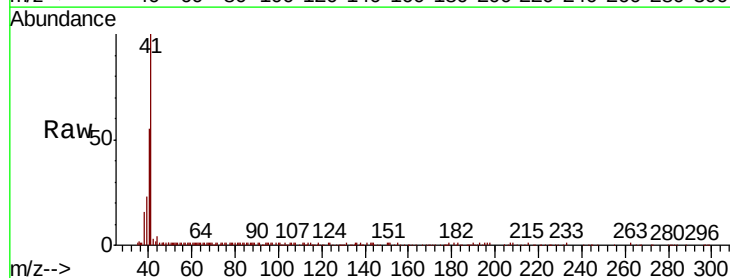
Tgt Ion: 41 Resp: 40155

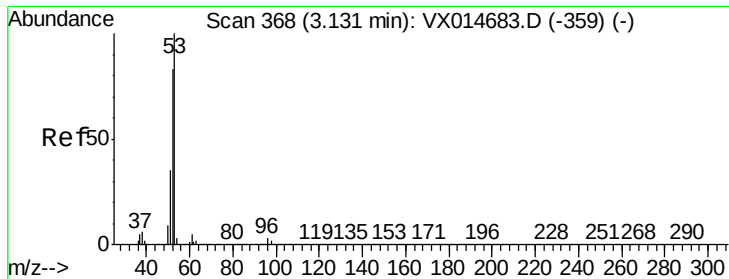
Ion Ratio Lower Upper

41 100

39 25.3 52.0 78.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 23.128 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.10 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

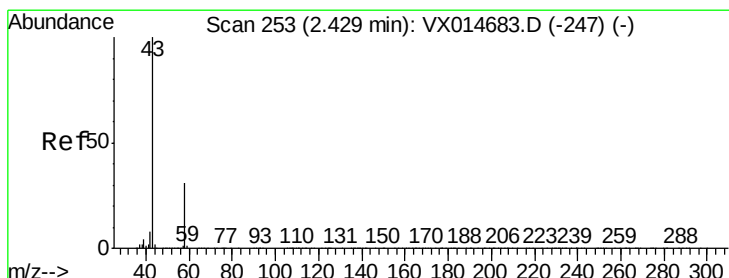
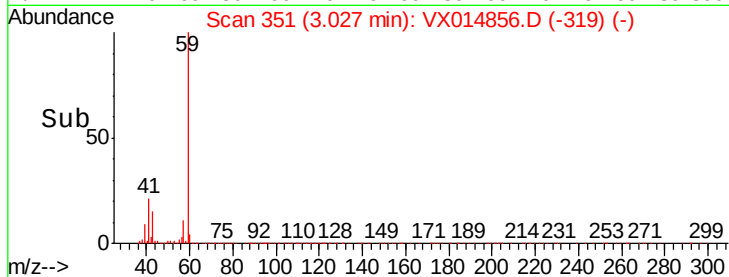
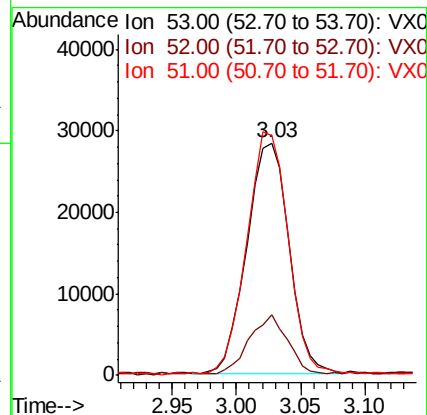
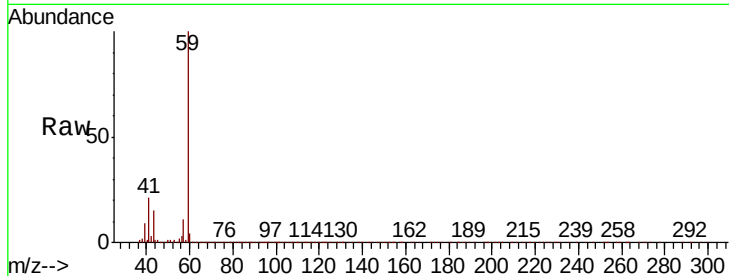
Tot Ion: 53 Resp: 64574

Ion Ratio Lower Upper

53 100

52 22.7 66.4 99.6#

51 101.4 28.7 43.1#



#16

Acetone

Concen: 4.866 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014856.D

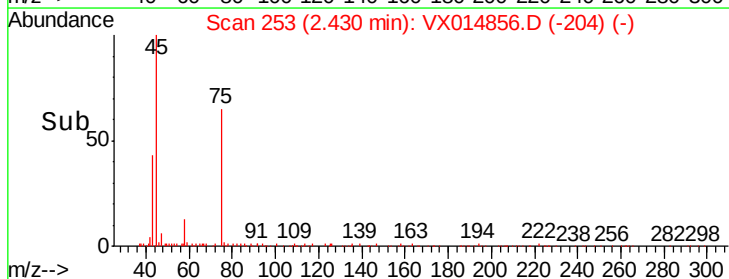
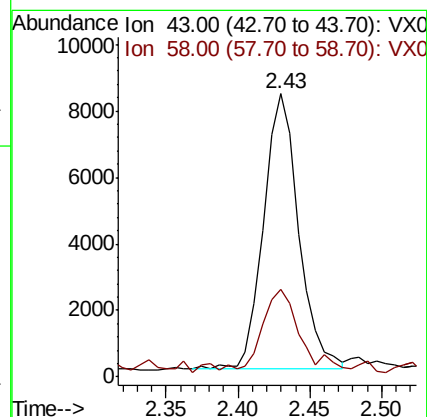
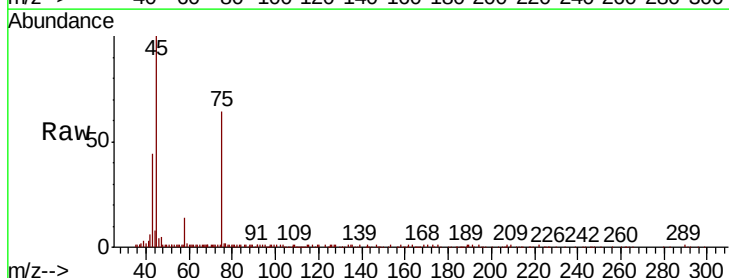
Acq: 06 Feb 2020 18:30

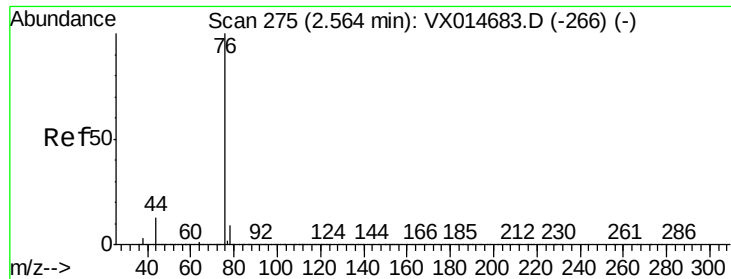
Tgt Ion: 43 Resp: 13900

Ion Ratio Lower Upper

43 100

58 30.3 24.5 36.7

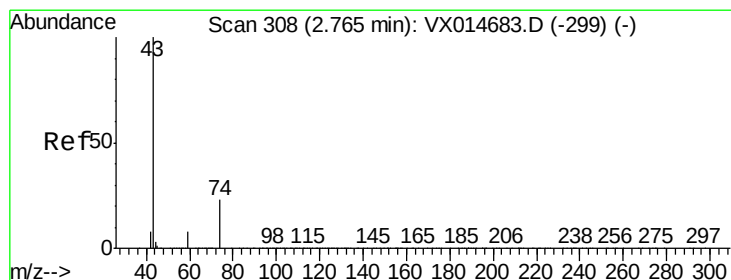
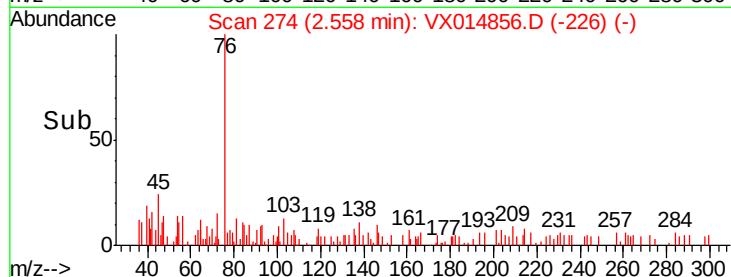
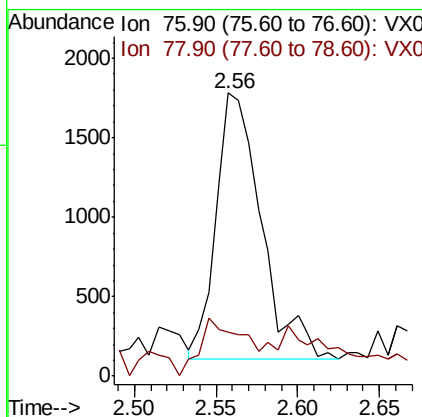
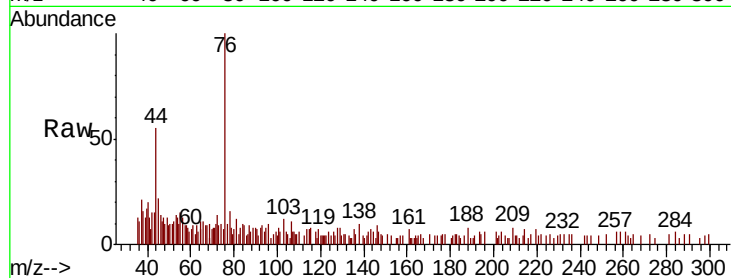




#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

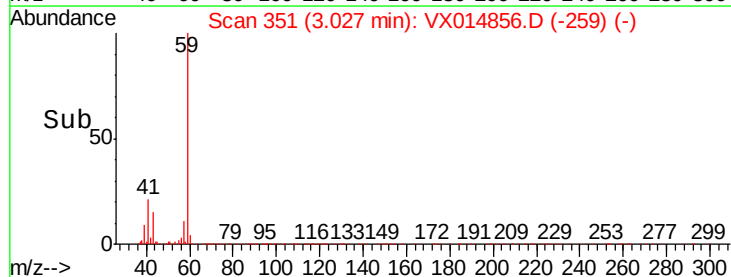
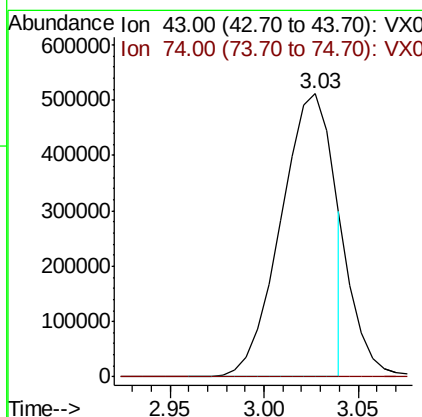
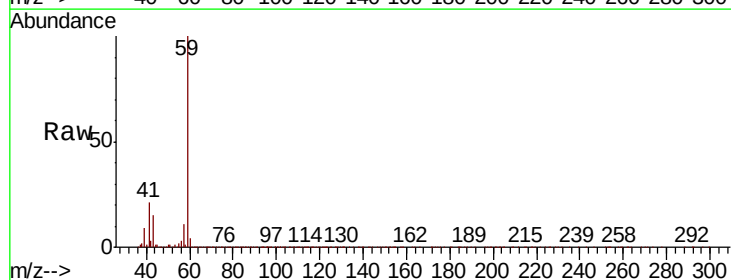
Instrument :
MSVOA_X
ClientSampleId :

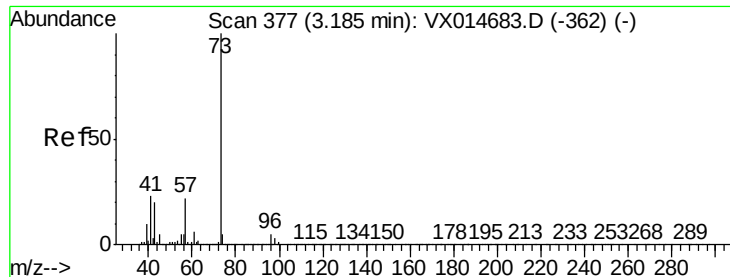
Tot Ion: 76 Resp: 3221
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 118.908 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.26 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion: 43 Resp: 999846
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



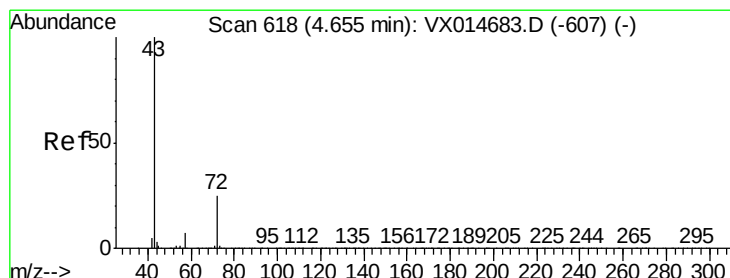
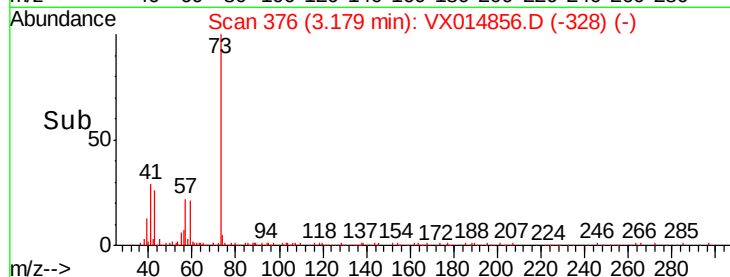
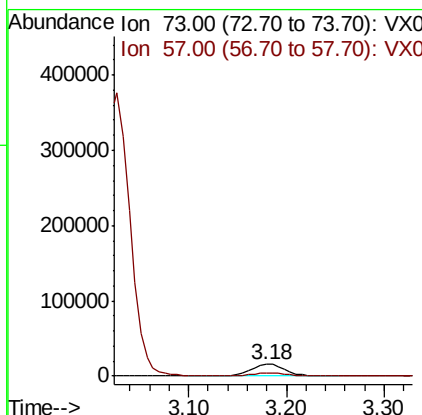
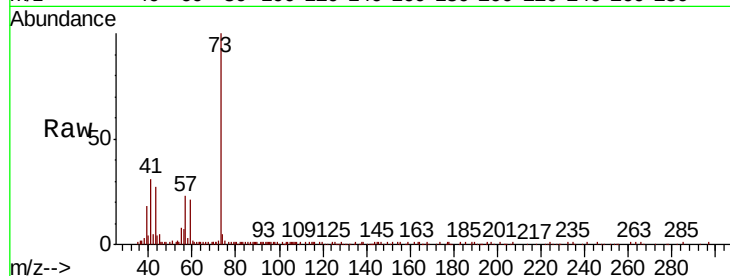


#19

Methyl tert-butyl Ether
 Concen: 2.640 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Instrument :
 MSVOA_X
 ClientSampled :

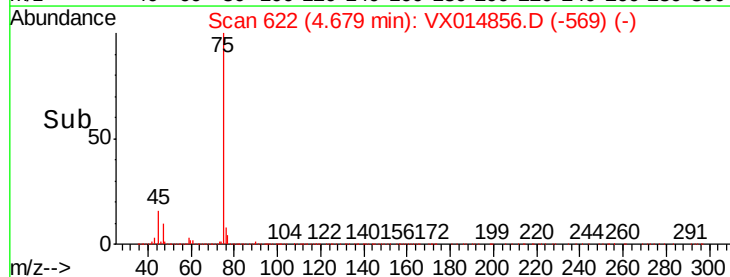
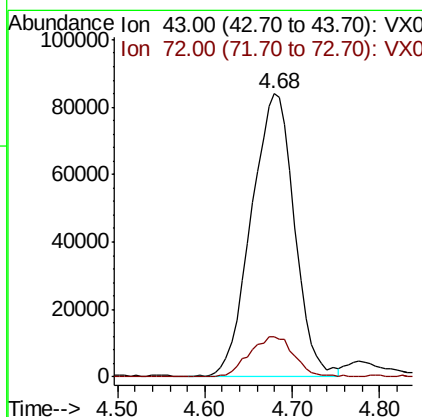
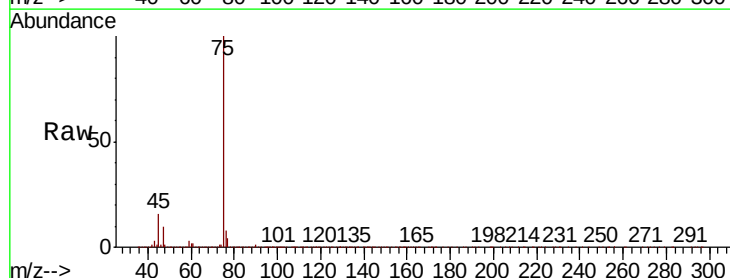
Tot Ion: 73 Resp: 39561
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.0 27.0

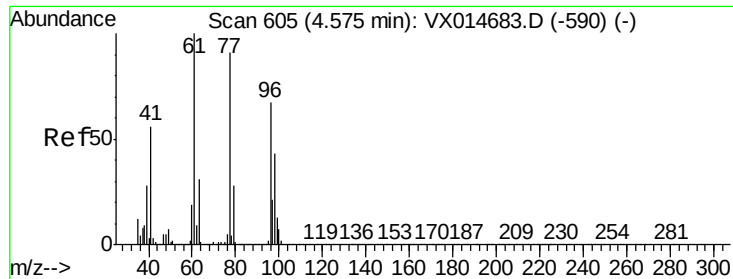


#25

2-Butanone
 Concen: 67.999 ug/l
 RT: 4.68 min Scan# 622
 Delta R.T. 0.02 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Tgt Ion: 43 Resp: 286997
 Ion Ratio Lower Upper
 43 100
 72 14.1 19.9 29.9#

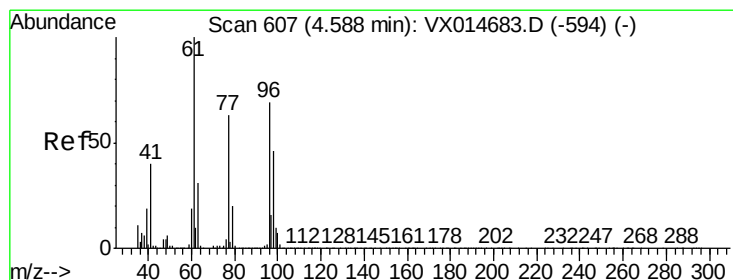
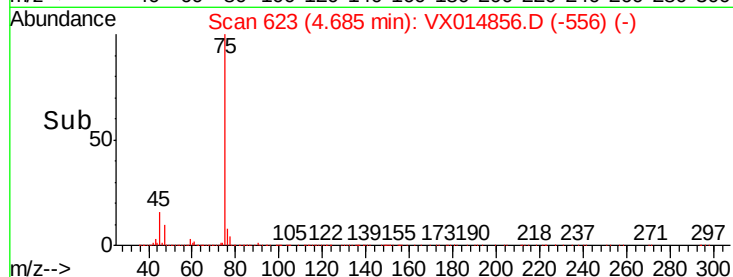
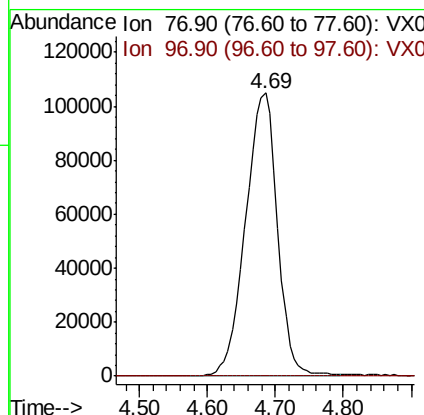
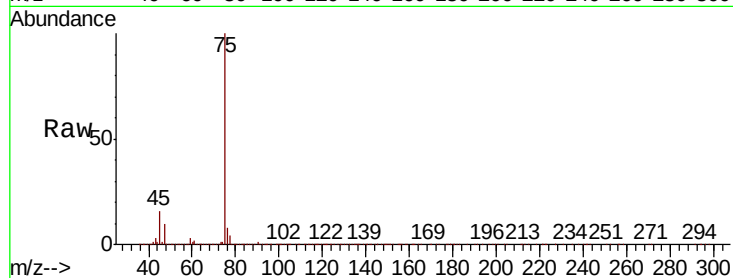




#26
2,2-Dichloropropane
Concen: 48.202 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.11 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

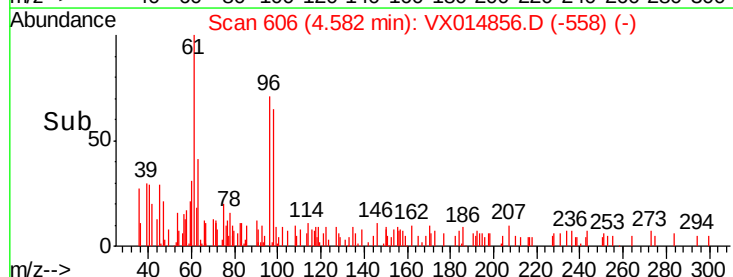
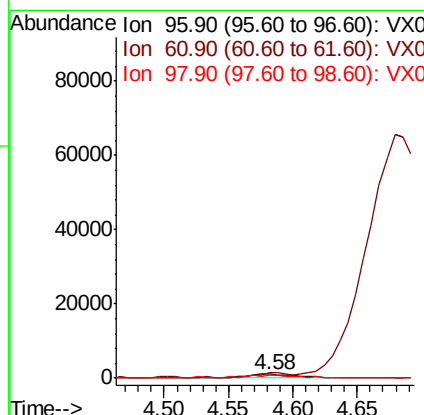
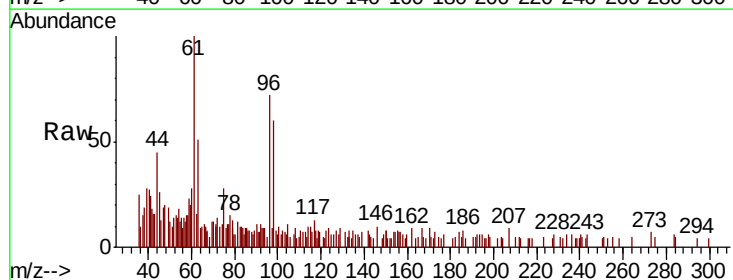
Instrument :
MSVOA_X
ClientSampleId :

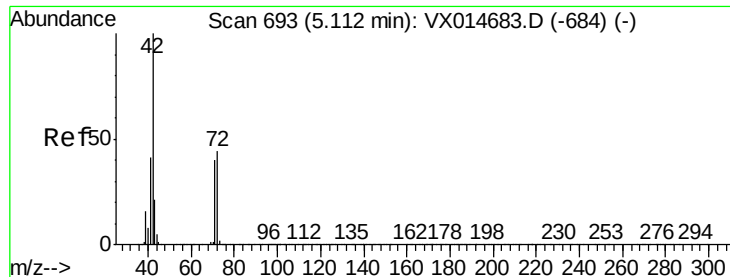
Tot Ion: 77 Resp: 342838
Ion Ratio Lower Upper
77 100
97 0.1 11.8 35.3#



#27
cis-1,2-Dichloroethene
Concen: 0.513 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion: 96 Resp: 2890
Ion Ratio Lower Upper
96 100
61 0.0 0.0 291.0
98 72.6 0.0 129.8





#29

Tetrahydrofuran

Concen: 513.790 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

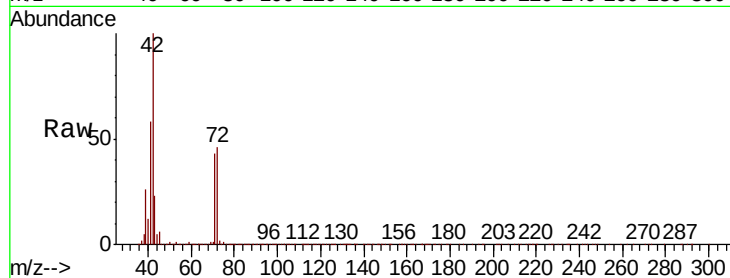
Tot Ion: 42 Resp: 1287046

Ion Ratio Lower Upper

42 100

72 46.2 35.3 52.9

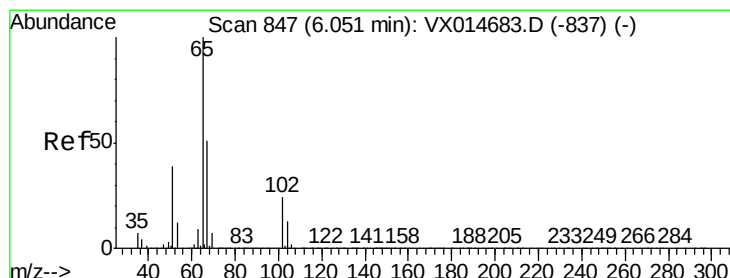
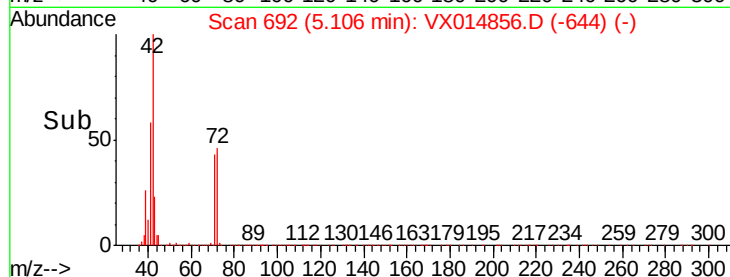
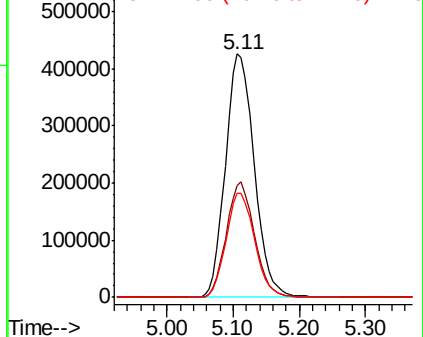
71 42.7 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.331 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014856.D

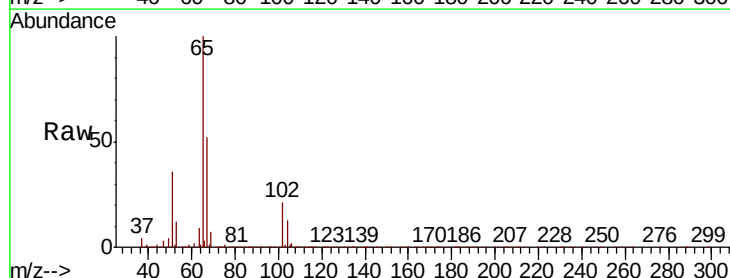
Acq: 06 Feb 2020 18:30

Tgt Ion: 65 Resp: 254402

Ion Ratio Lower Upper

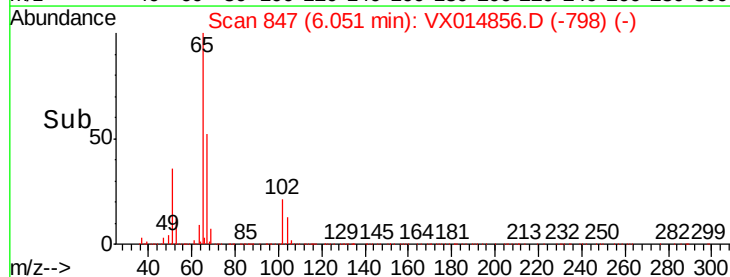
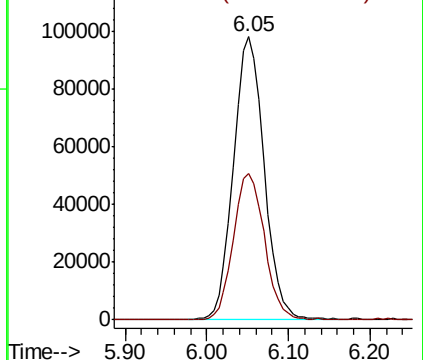
65 100

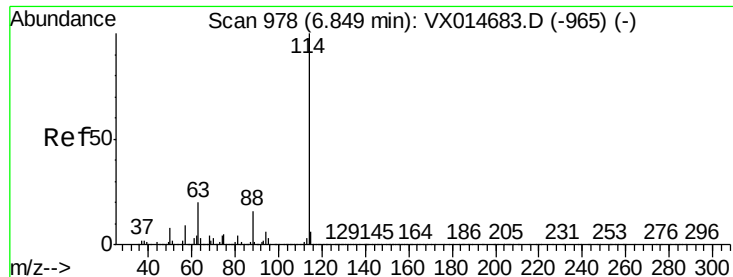
67 52.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

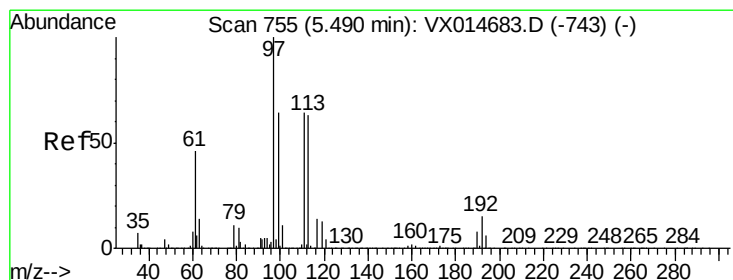
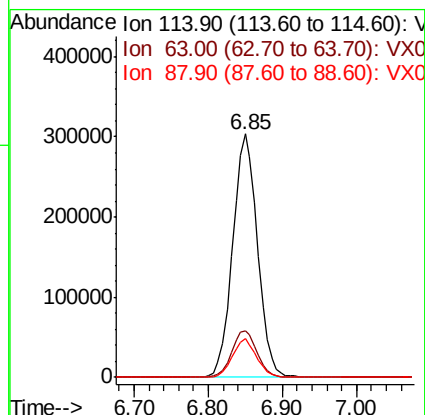
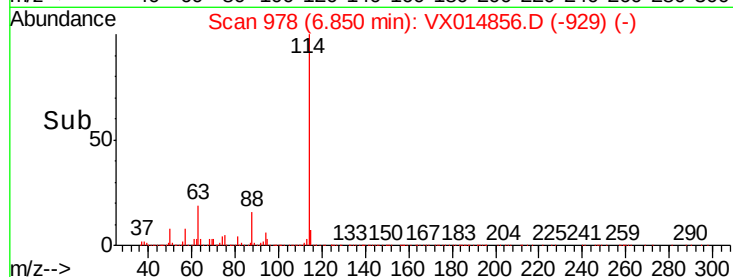
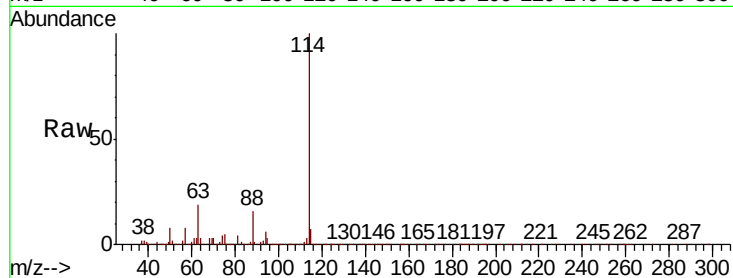




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

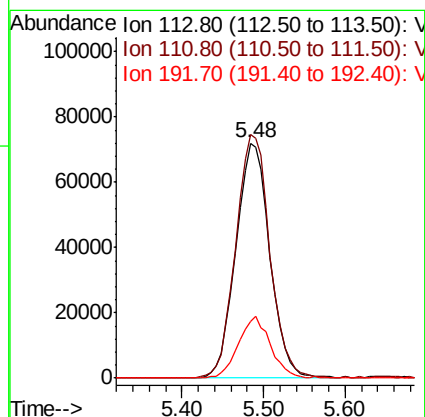
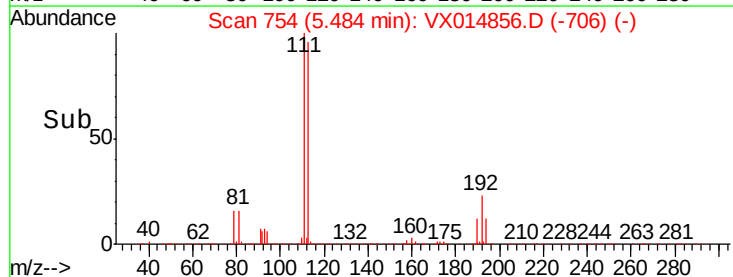
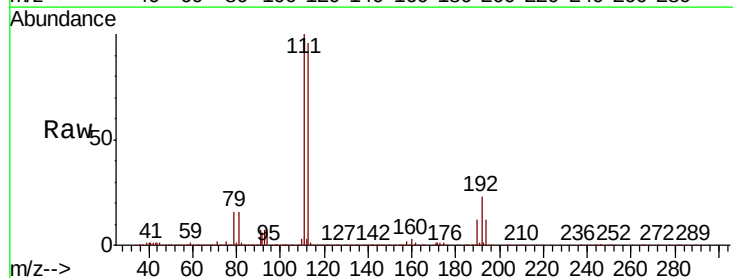
Instrument :
MSVOA_X
ClientSampleId :

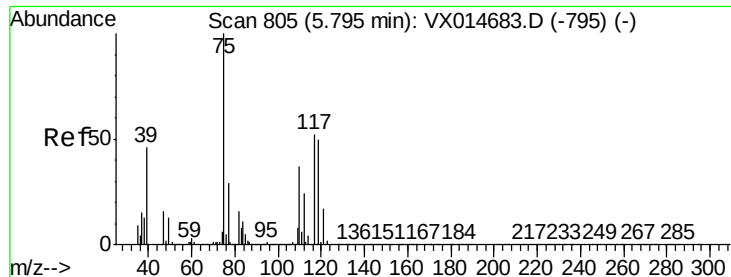
Tot Ion:114 Resp: 706333
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.6
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 46.495 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion:113 Resp: 207223
Ion Ratio Lower Upper
113 100
111 104.0 80.7 121.1
192 24.8 18.5 27.7

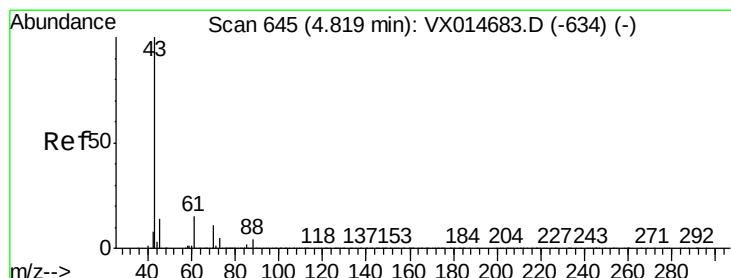
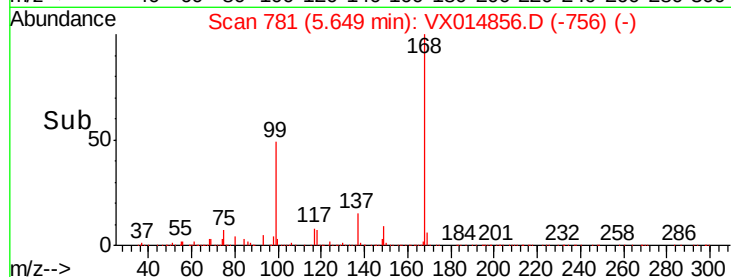
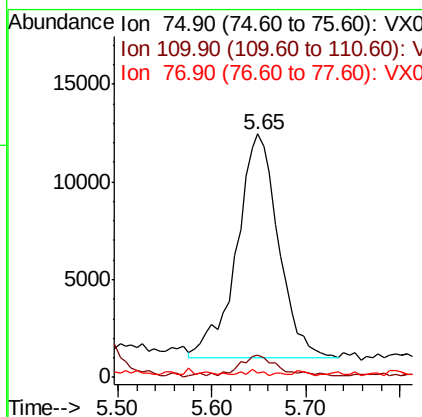
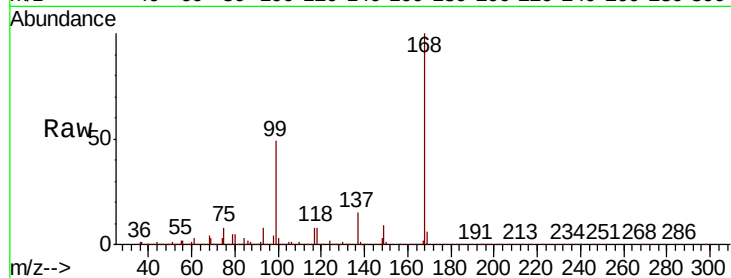




#36
 1,1-Dichloropropene
 Concen: 5.365 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

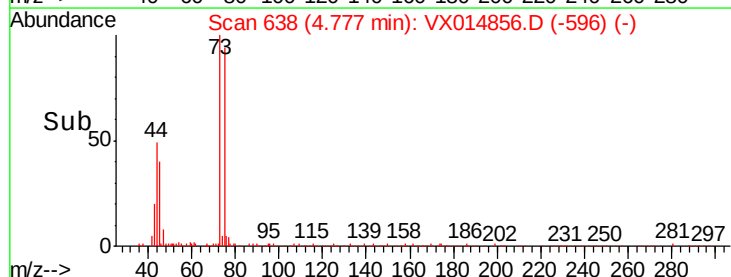
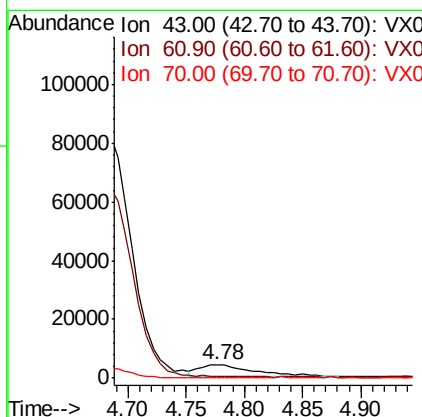
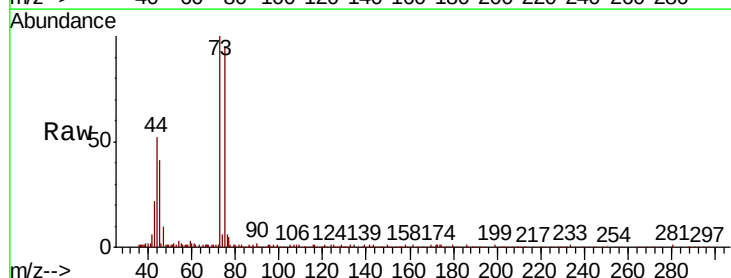
Instrument :
 MSVOA_X
 ClientSampleId :

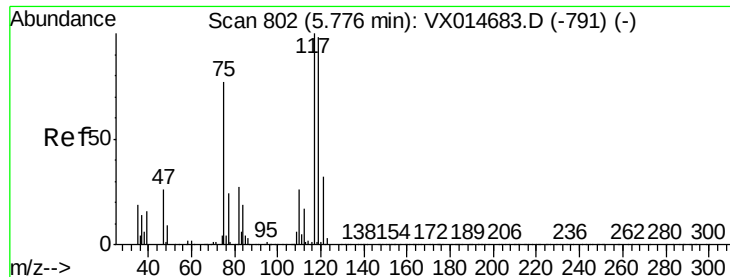
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.9	53.7#
77	1.0	24.1	36.1#



#37
 Ethyl Acetate
 Concen: 1.829 ug/l
 RT: 4.78 min Scan# 638
 Delta R.T. -0.04 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.5	12.7#





#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

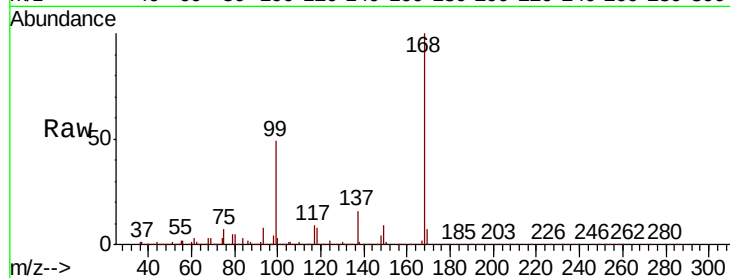
Tot Ion:117 Resp: 39317

Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

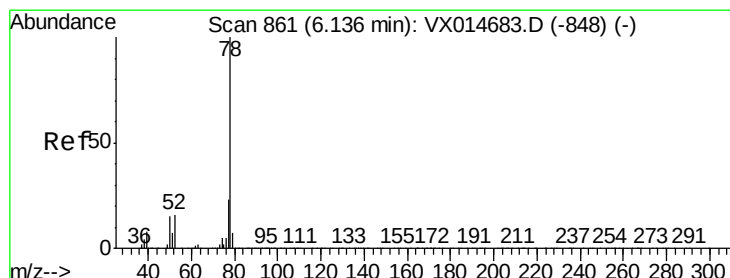
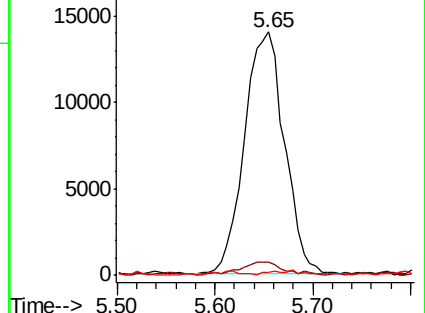
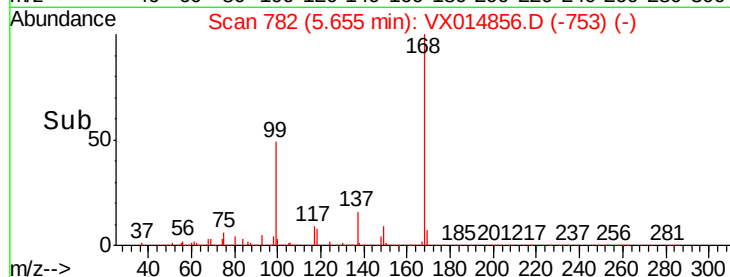
121 0.6 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 1.793 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014856.D

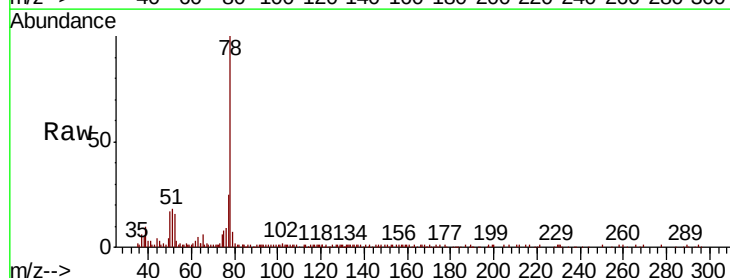
Acq: 06 Feb 2020 18:30

Tgt Ion: 78 Resp: 36367

Ion Ratio Lower Upper

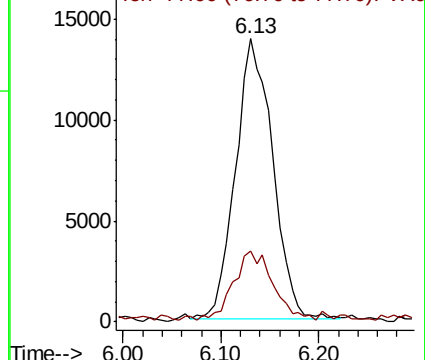
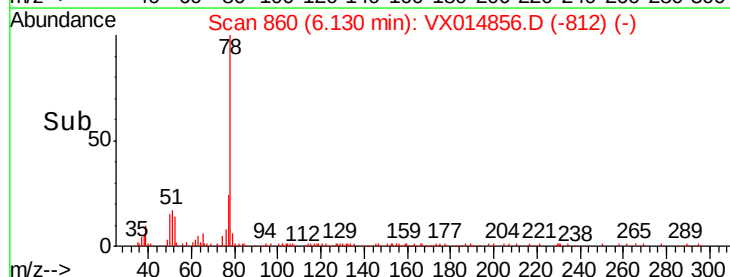
78 100

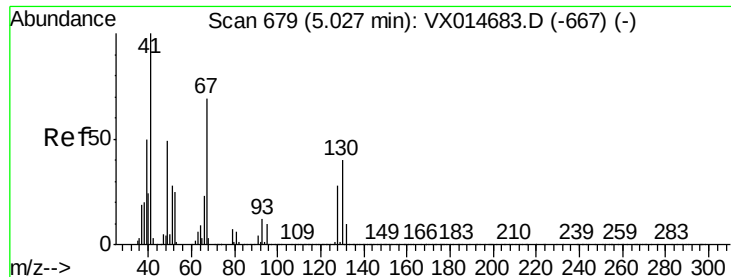
77 23.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

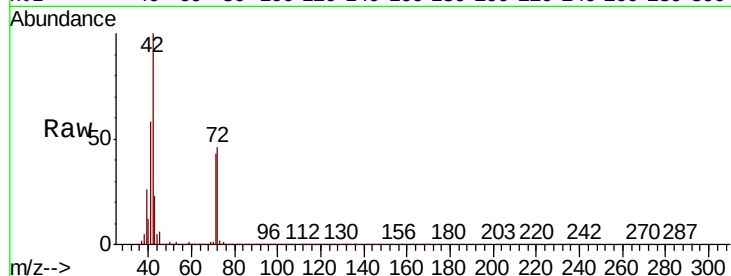




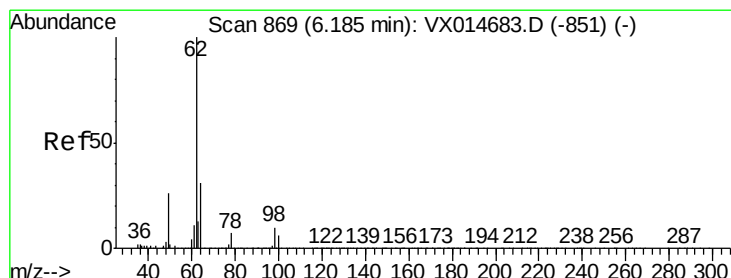
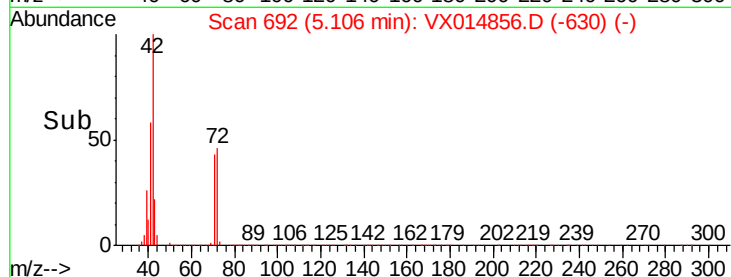
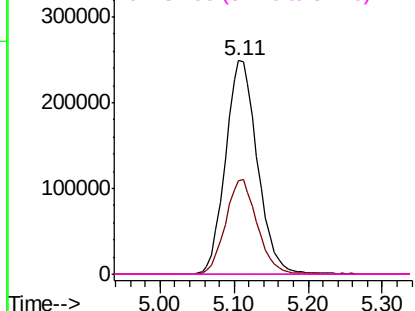
#41
Methacrylonitrile
Concen: 174.177 ug/l
RT: 5.11 min Scan# 692
Delta R.T. 0.08 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	43.9	42.2	63.2
67	0.0	55.4	83.0#
52	0.2	22.1	33.1#

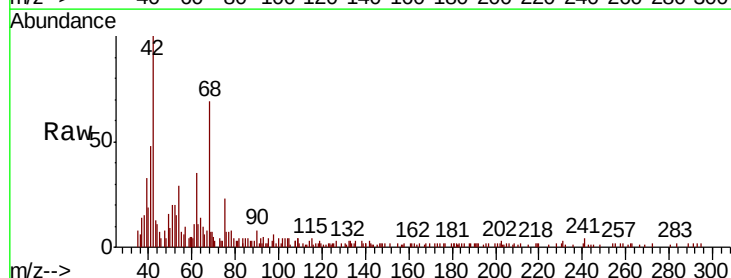


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

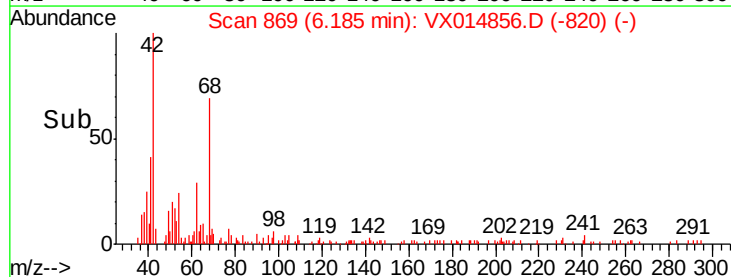
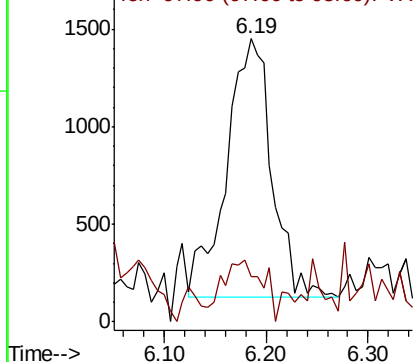


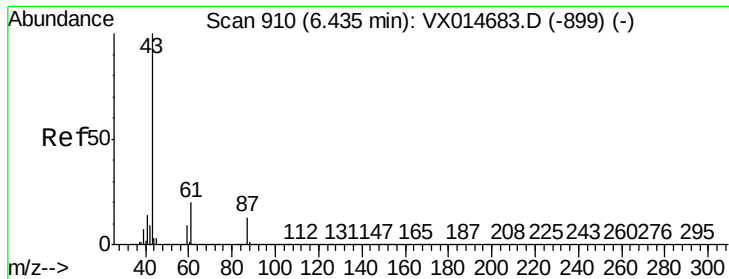
#42
1,2-Dichloroethane
Concen: 0.584 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	21.0	0.0	20.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.529 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014856.D

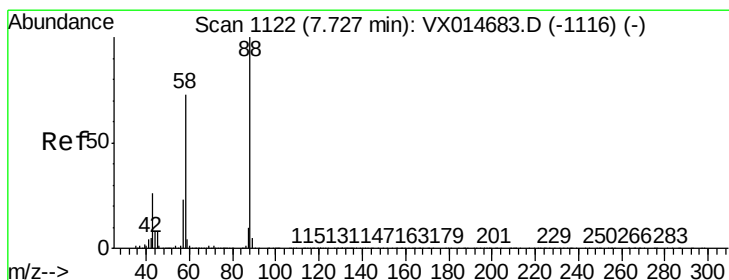
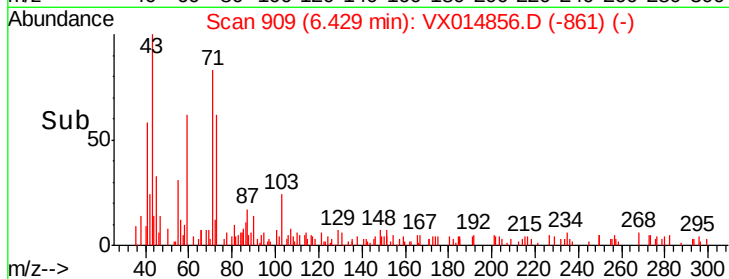
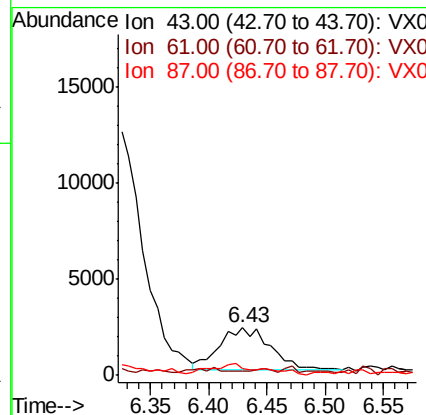
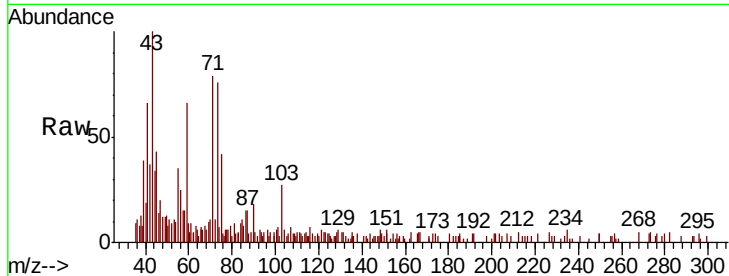
Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	6515
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.2	24.4#
87	15.3	10.5	15.7



#49

1,4-Dioxane

Concen: 120.403 ug/l

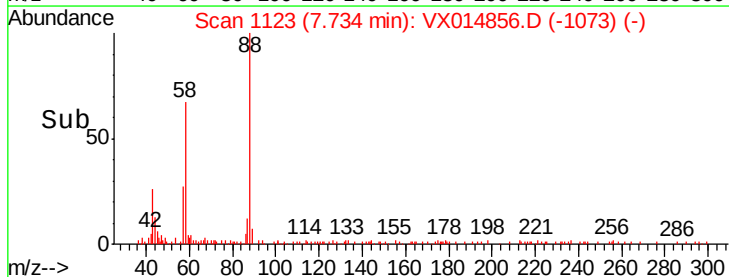
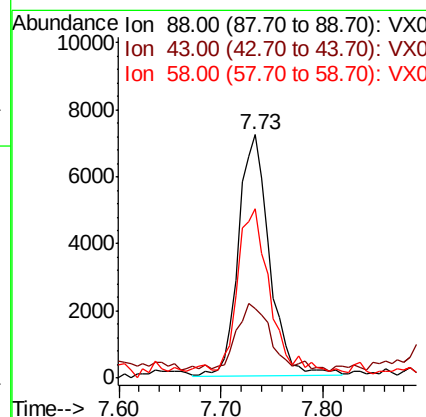
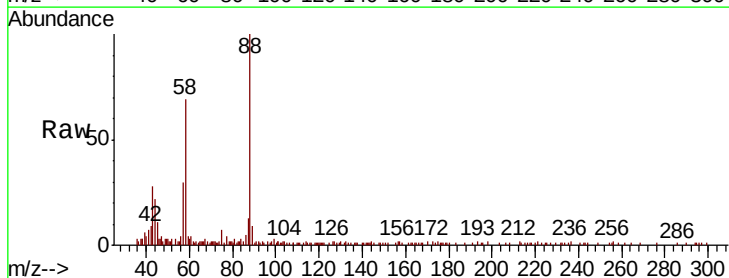
RT: 7.73 min Scan# 1123

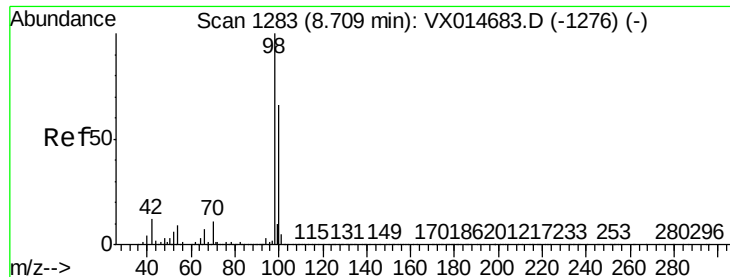
Delta R.T. 0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Tgt Ion:	88	Resp:	15011
Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.2	39.2
58	70.8	56.6	85.0

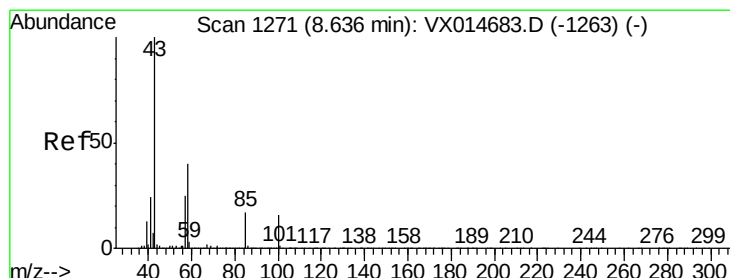
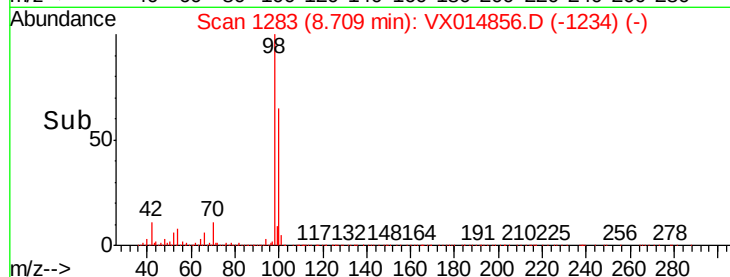
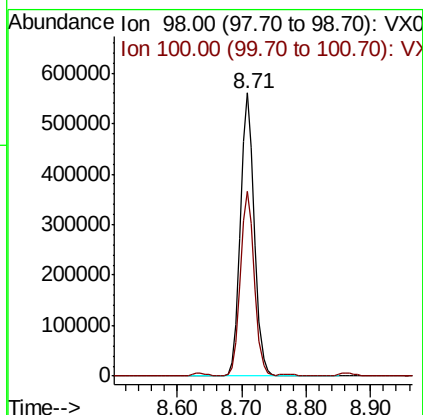
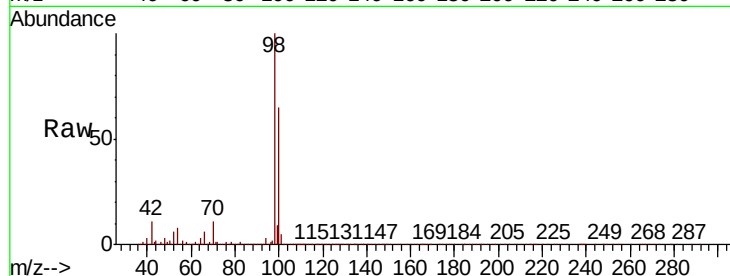




#50
Toluene-d8
Concen: 49.293 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

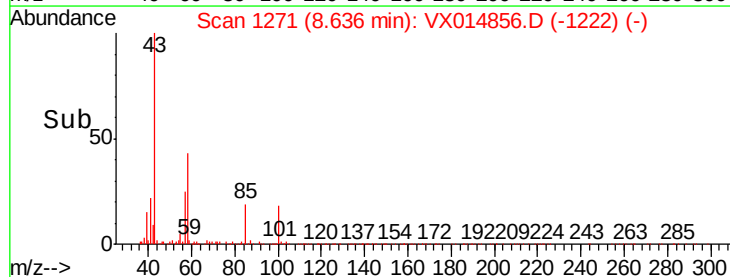
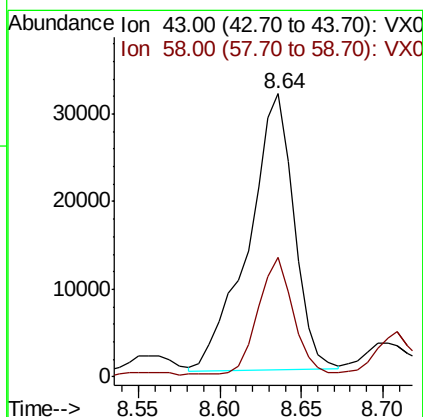
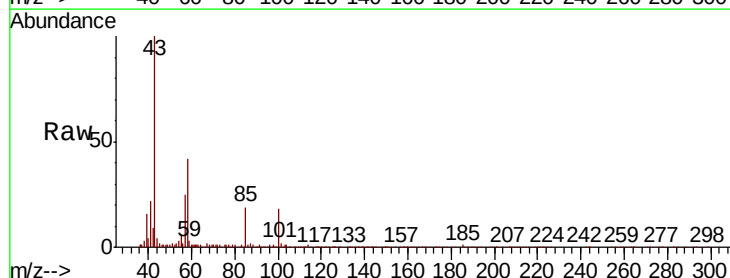
Instrument :
MSVOA_X
ClientSampleId :

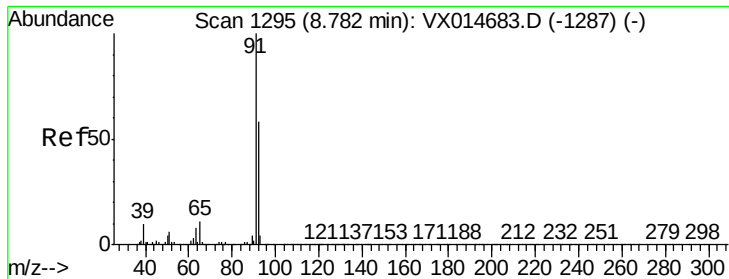
Tot Ion: 98 Resp: 844598
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 7.860 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion: 43 Resp: 61068
Ion Ratio Lower Upper
43 100
58 33.1 31.6 47.4





#52

Toluene

Concen: 2.230 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

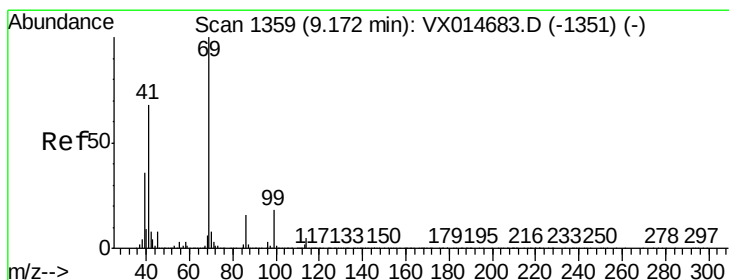
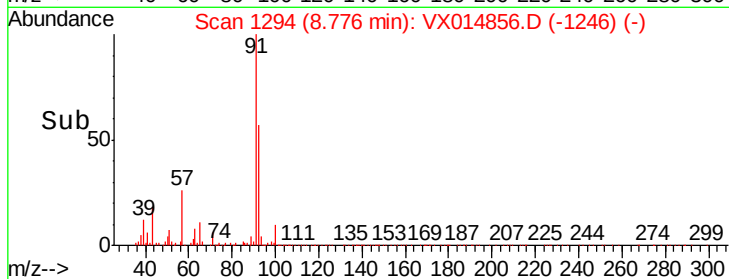
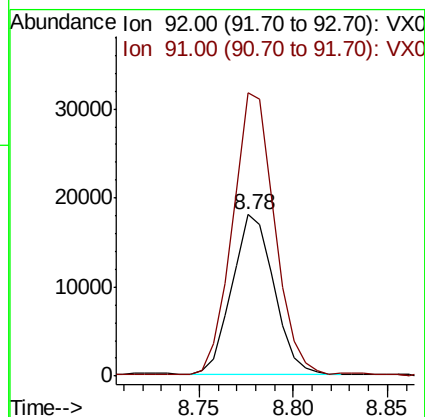
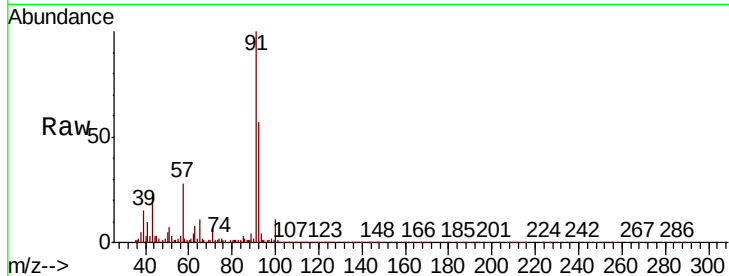
ClientSampleId :

Tot Ion: 92 Resp: 27793

Ion Ratio Lower Upper

92 100

91 176.5 135.9 203.9



#56

Ethyl methacrylate

Concen: 1.801 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

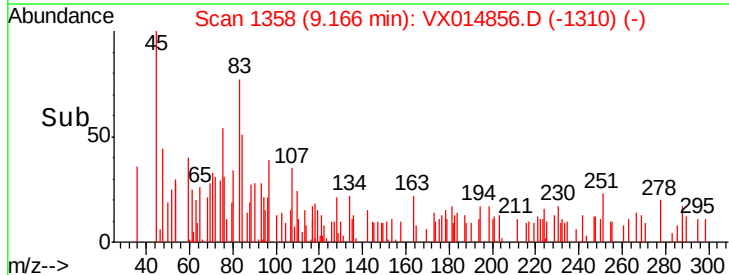
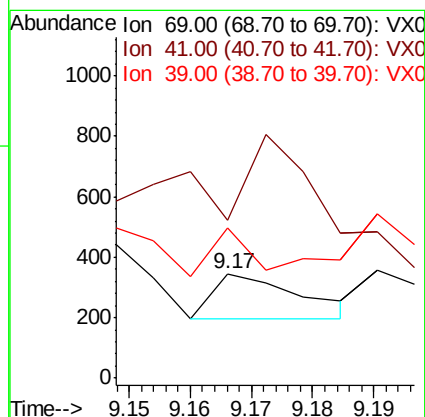
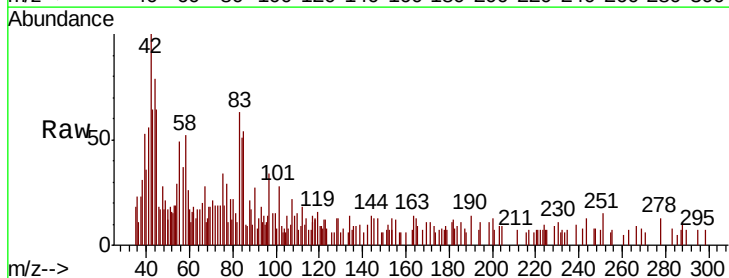
Tgt Ion: 69 Resp: 147

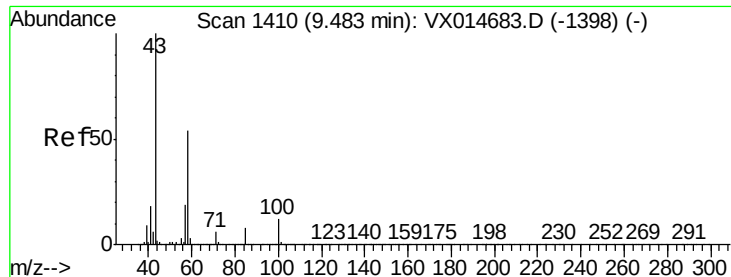
Ion Ratio Lower Upper

69 100

41 0.0 54.9 82.3#

39 0.0 29.3 43.9#

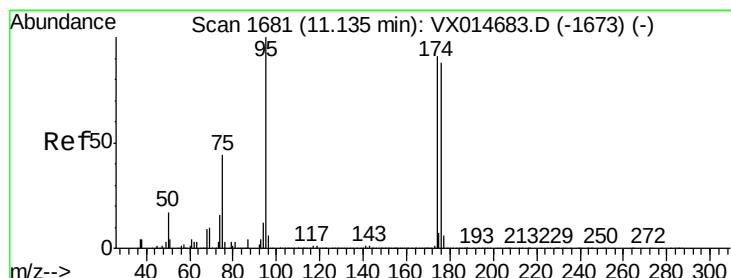
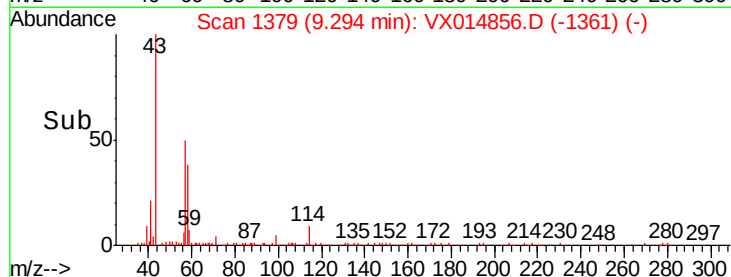
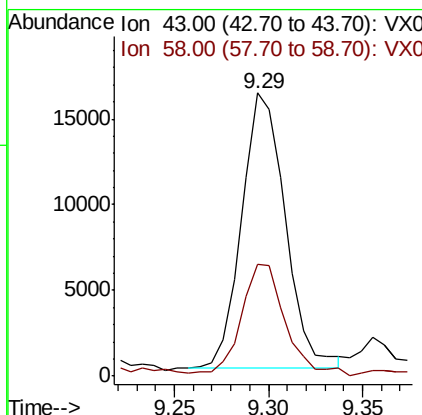
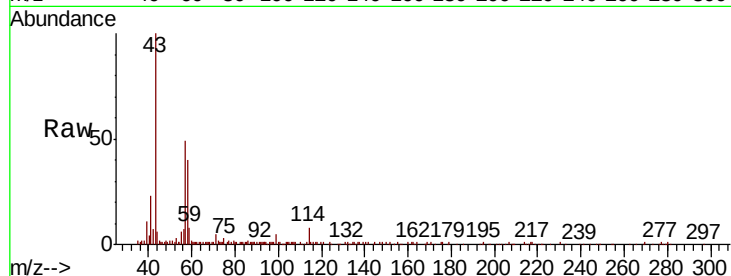




#59
2-Hexanone
Concen: 4.296 ug/l
RT: 9.29 min Scan# 1379
Delta R.T. -0.19 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

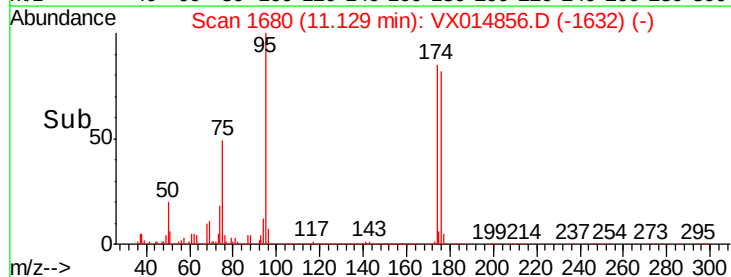
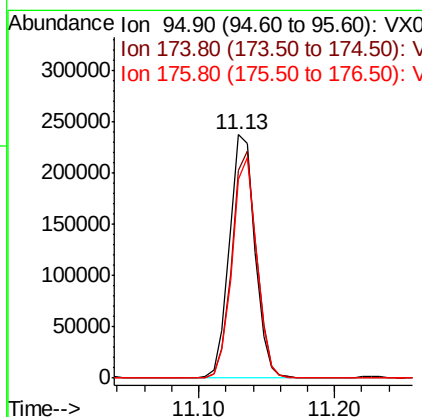
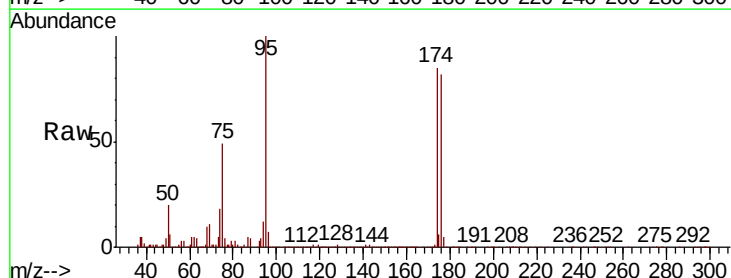
Instrument :
MSVOA_X
ClientSampleId :

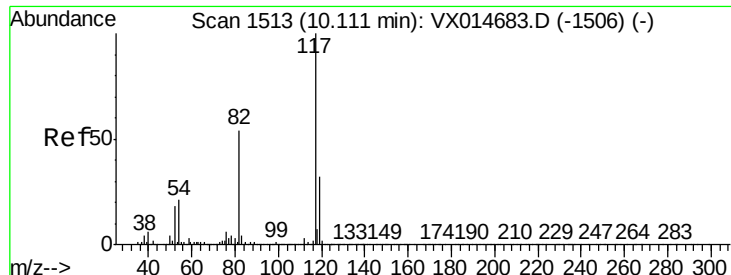
Tot Ion: 43 Resp: 25899
Ion Ratio Lower Upper
43 100
58 41.3 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 50.619 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion: 95 Resp: 308958
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.0
176 87.7 0.0 172.2

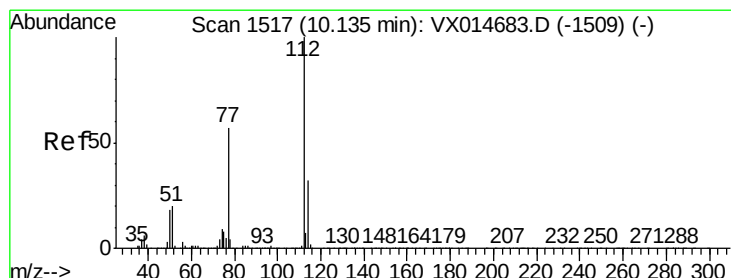
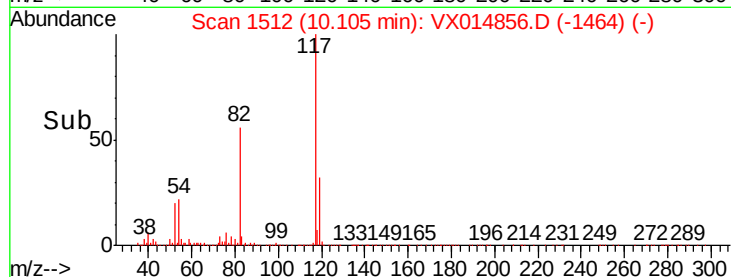
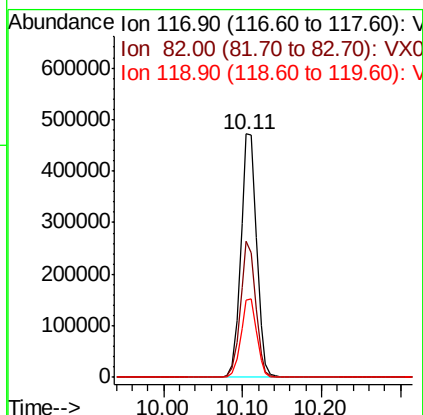
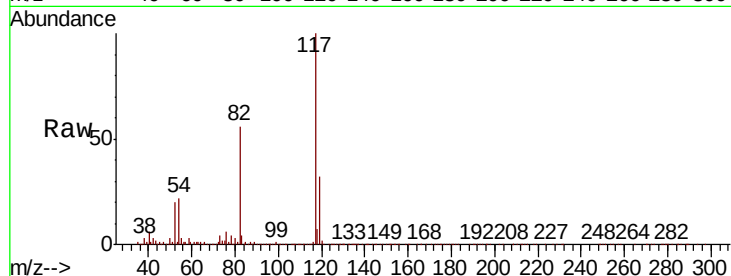




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

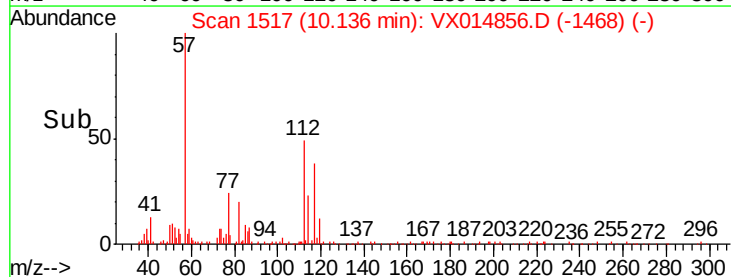
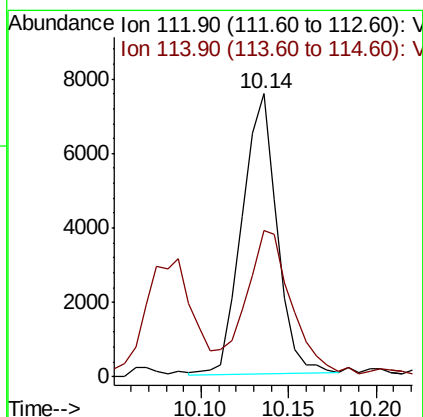
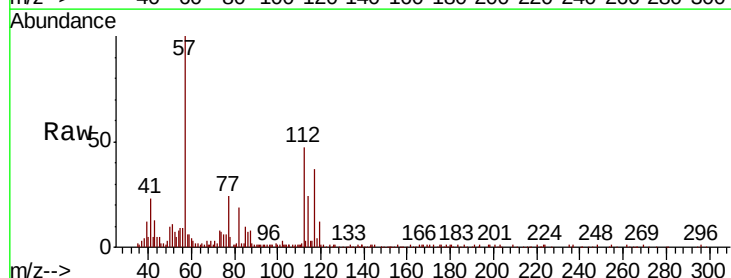
Instrument :
MSVOA_X
ClientSampleId :

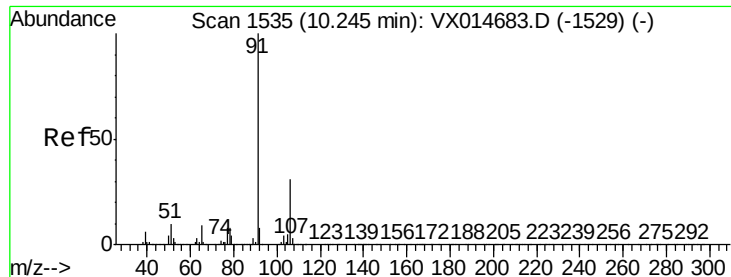
Tot Ion:117 Resp: 655988
Ion Ratio Lower Upper
117 100
82 55.7 43.2 64.8
119 31.7 25.8 38.6



#65
Chlorobenzene
Concen: 0.749 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion:112 Resp: 10508
Ion Ratio Lower Upper
112 100
114 50.3 25.8 38.8#





#67

Ethyl Benzene

Concen: 0.235 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

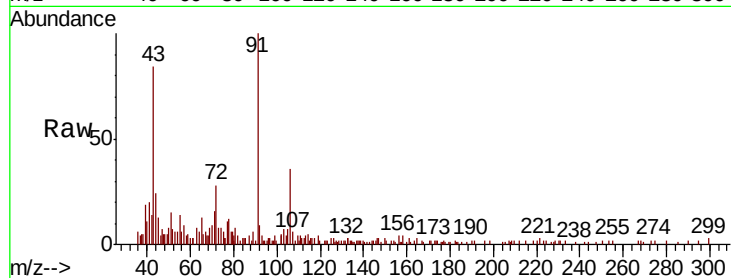
ClientSampled :

Tot Ion: 91 Resp: 5631

Ion Ratio Lower Upper

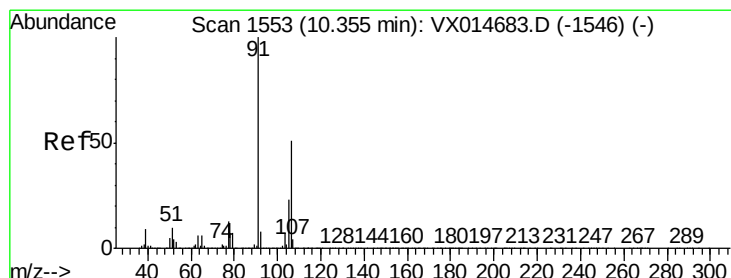
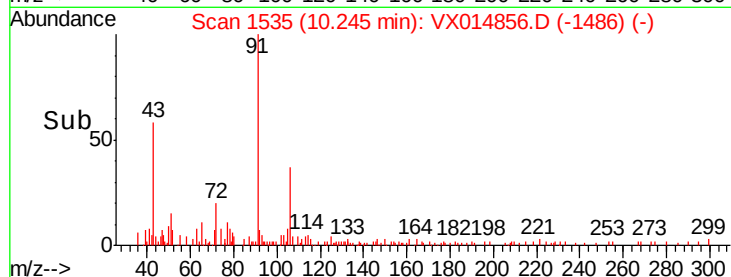
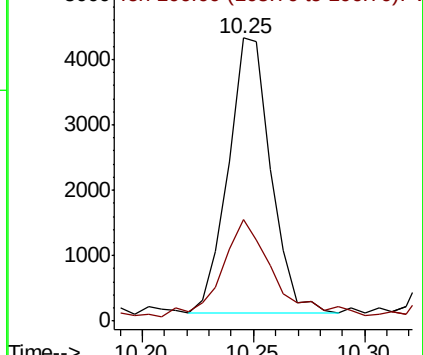
91 100

106 33.4 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 7.217 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014856.D

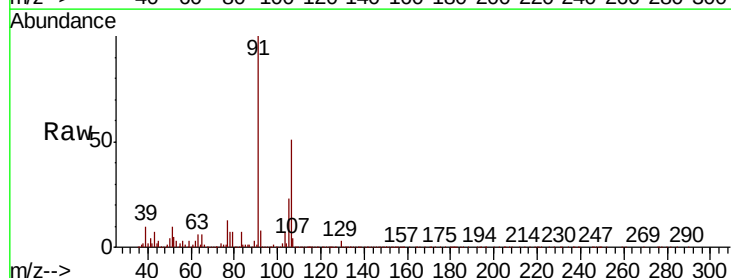
Acq: 06 Feb 2020 18:30

Tgt Ion: 106 Resp: 65504

Ion Ratio Lower Upper

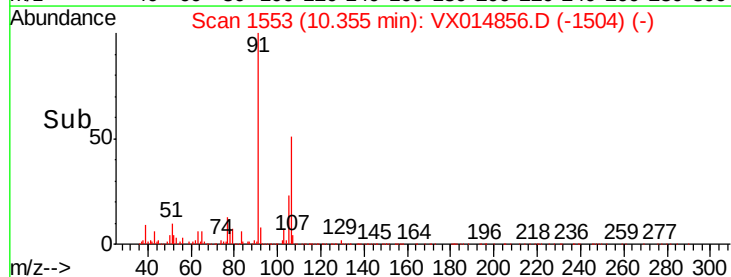
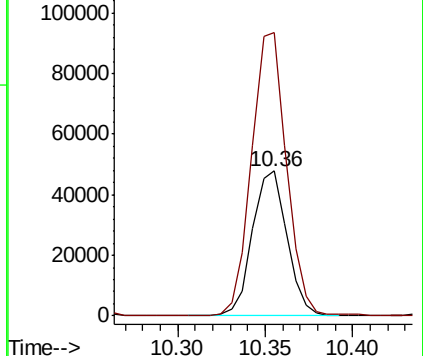
106 100

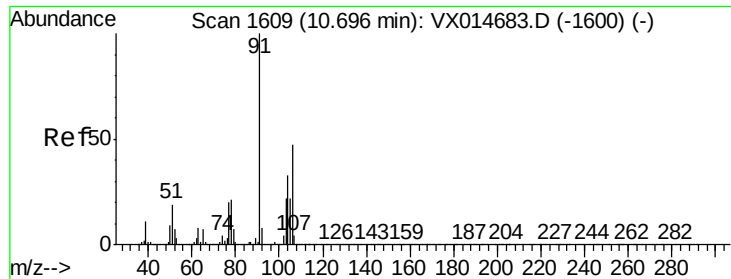
91 198.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

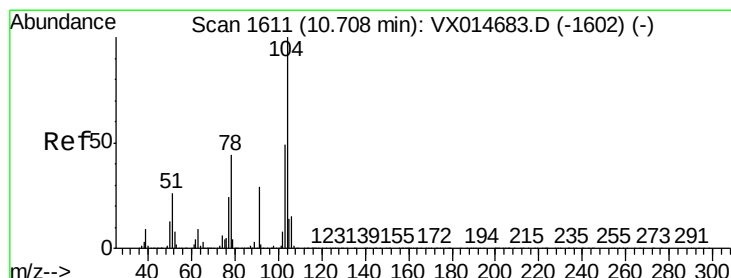
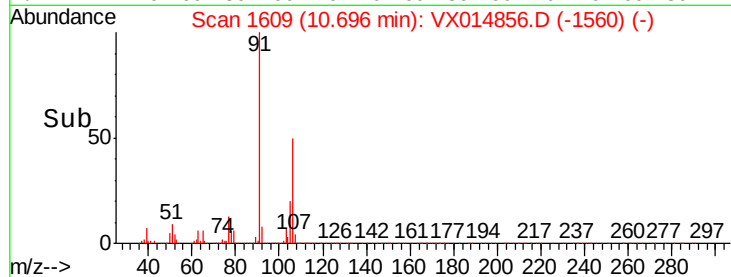
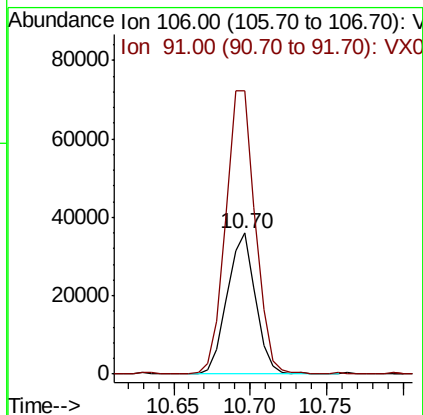
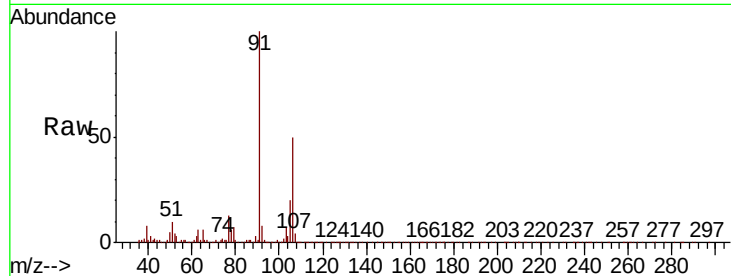




#69
o-Xylene
Concen: 5.216 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

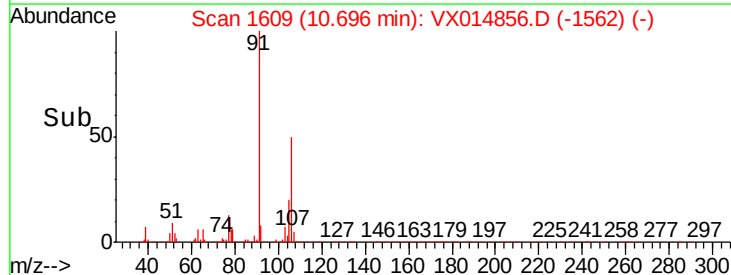
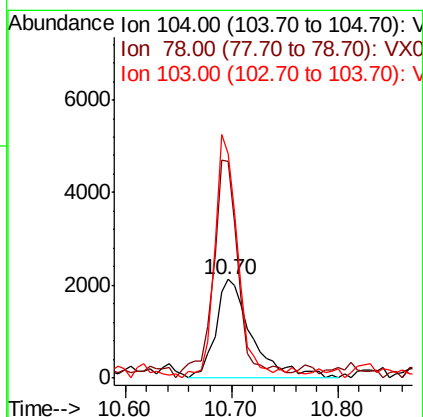
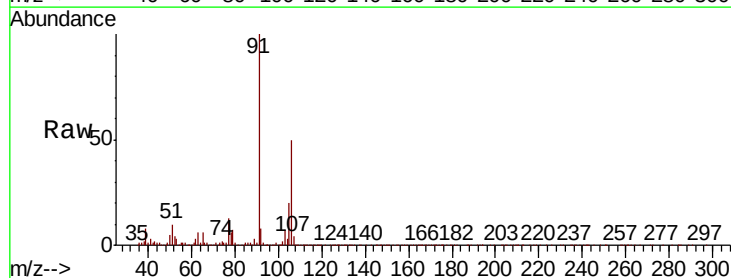
Instrument :
MSVOA_X
ClientSampleId :

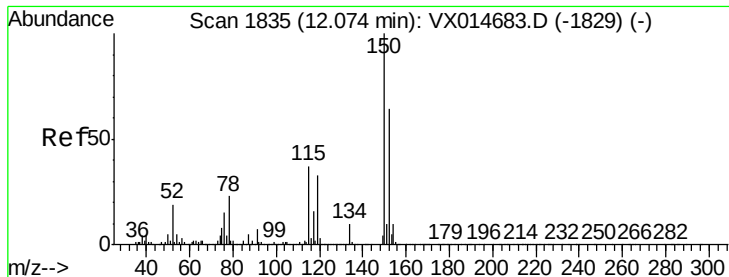
Tot Ion:106 Resp: 45707
Ion Ratio Lower Upper
106 100
91 209.6 106.2 318.6



#70
Styrene
Concen: 0.342 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion:104 Resp: 5034
Ion Ratio Lower Upper
104 100
78 155.7 39.3 58.9#
103 156.3 43.5 65.3#



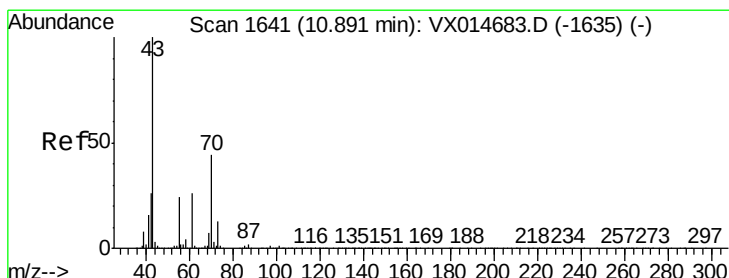
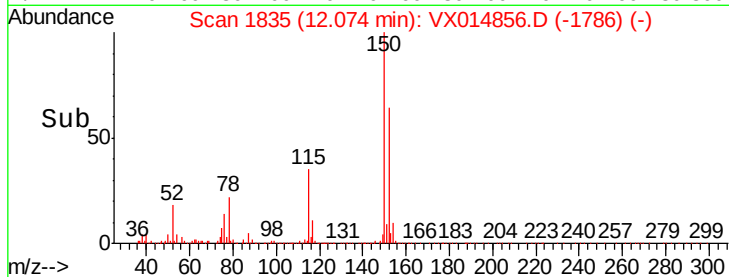
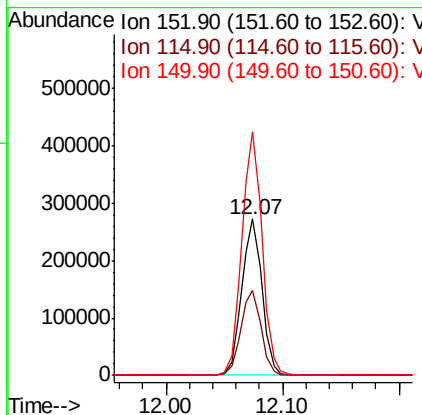
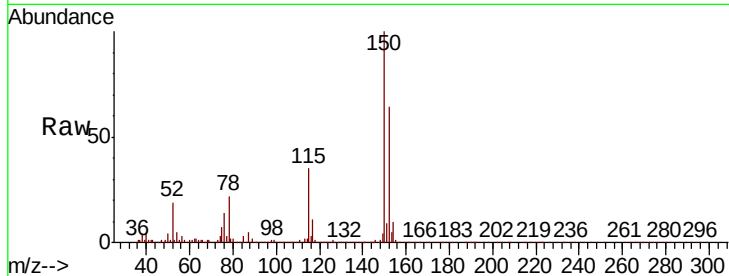


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :

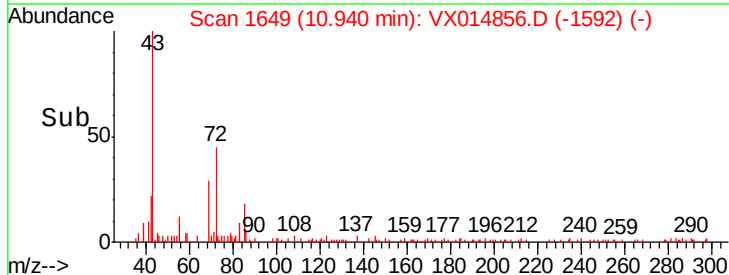
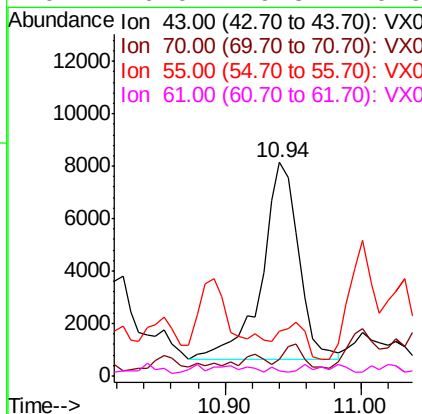
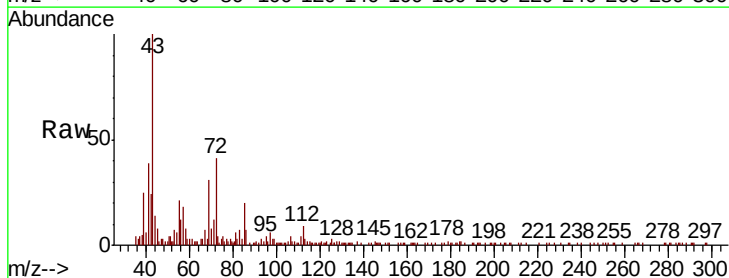
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.4	118.1
150	156.6	0.0	351.2

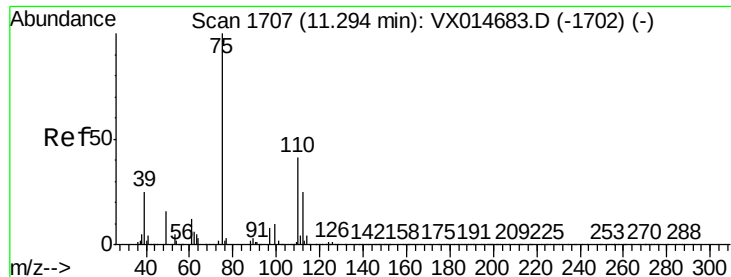


#74

N-amil acetate
Concen: 1.403 ug/l
RT: 10.94 min Scan# 1649
Delta R.T. 0.05 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	6.1	34.6	52.0#
55	12.6	19.4	29.2#
61	0.0	19.8	29.6#





#76

1,2,3-Trichloropropane

Concen: 19.710 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

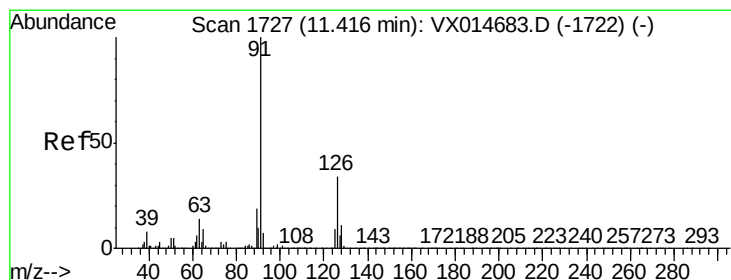
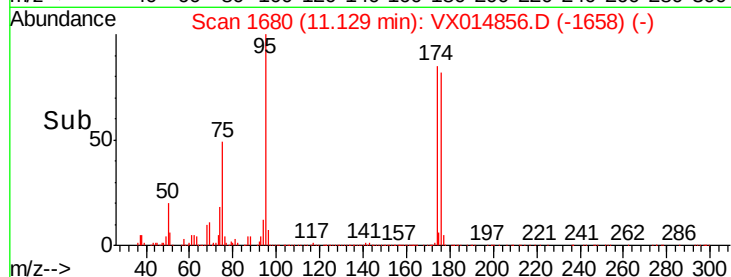
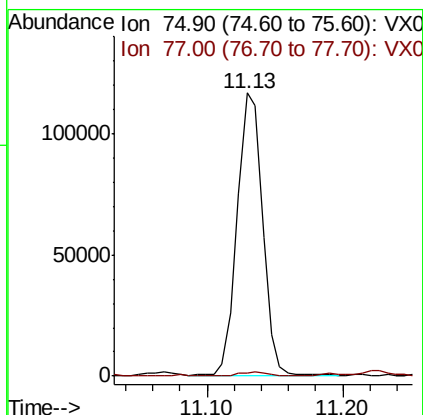
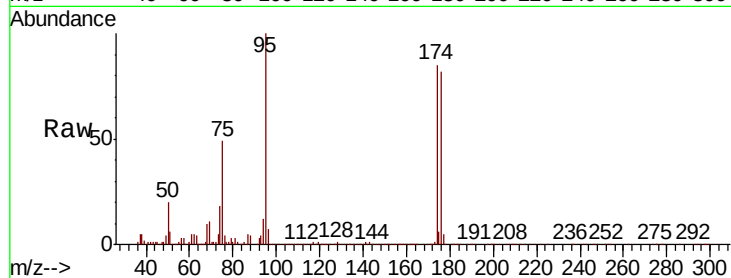
ClientSampleId :

Tot Ion: 75 Resp: 151037

Ion Ratio Lower Upper

75 100

77 1.3 18.7 56.1#



#79

2-Chlorotoluene

Concen: 0.399 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014856.D

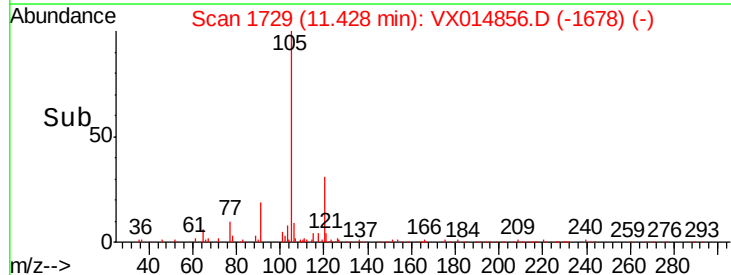
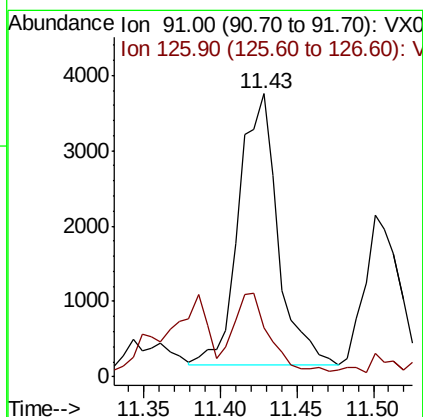
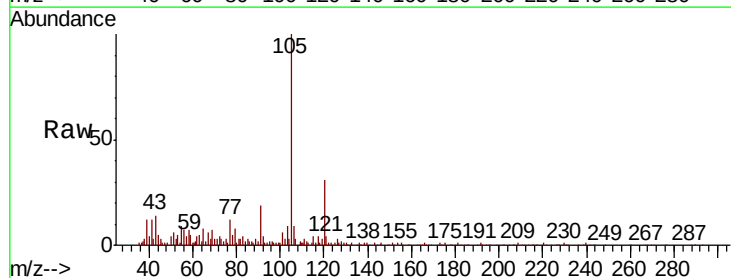
Acq: 06 Feb 2020 18:30

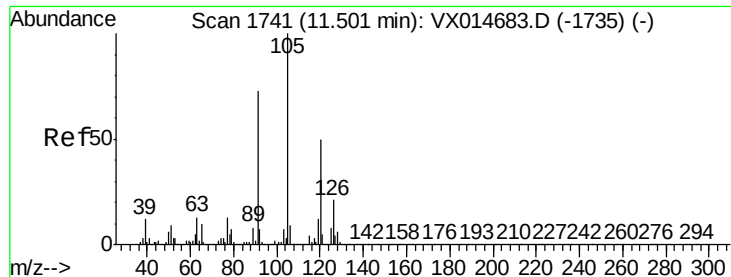
Tgt Ion: 91 Resp: 6351

Ion Ratio Lower Upper

91 100

126 25.8 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.758 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

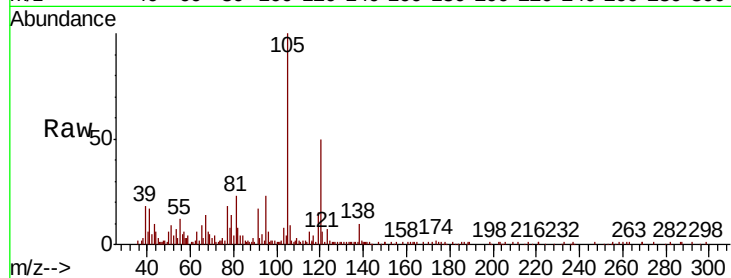
ClientSampled :

Tot Ion:105 Resp: 14579

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

15000

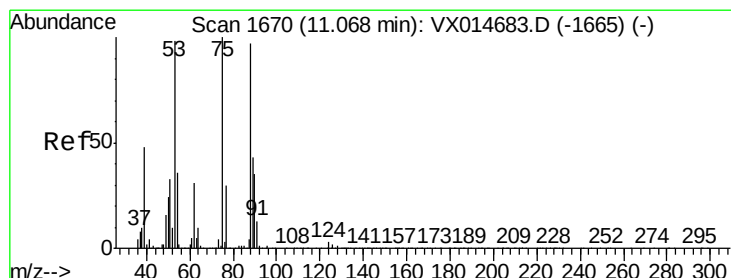
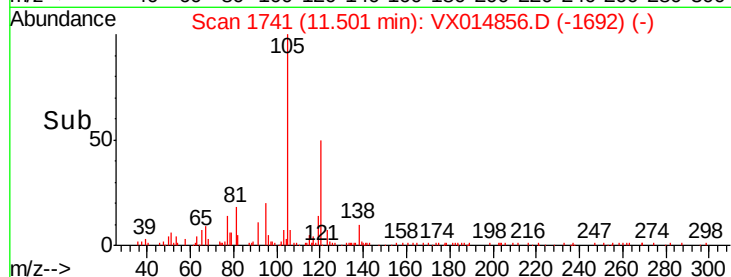
11.50

10000

5000

0

Time--> 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 56.092 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

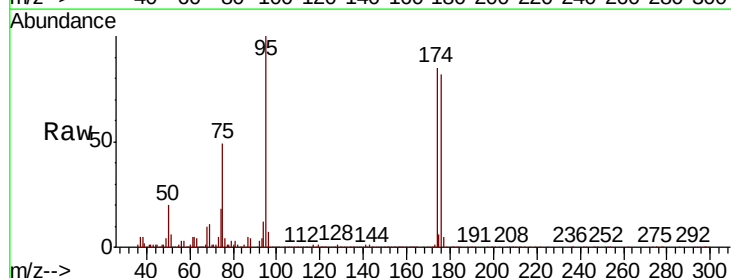
Tgt Ion: 75 Resp: 151037

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.2 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

150000

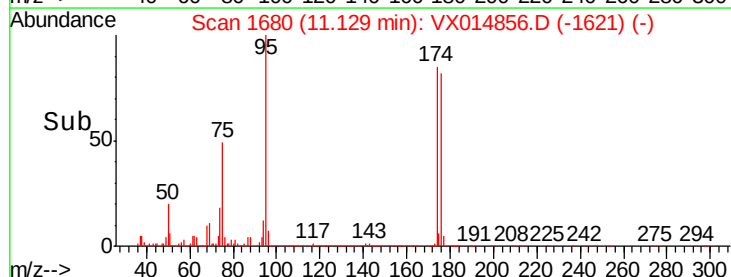
11.13

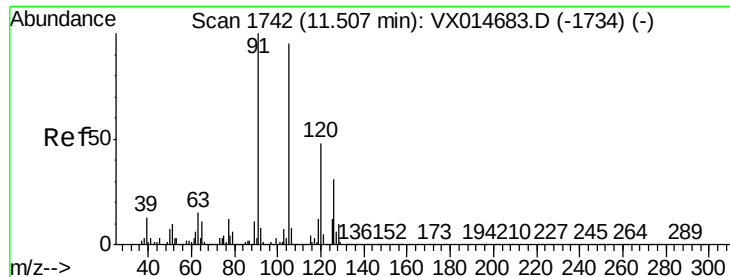
100000

50000

0

Time--> 11.10 11.20

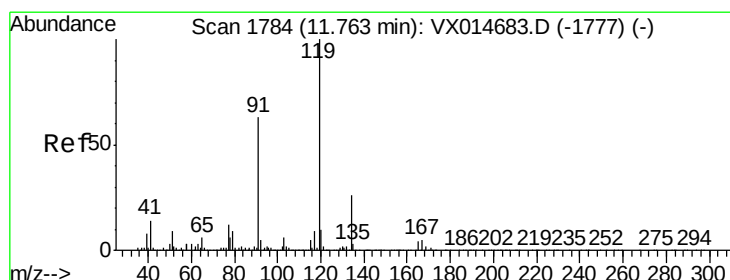
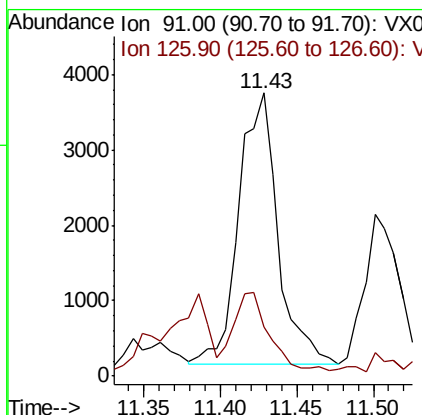
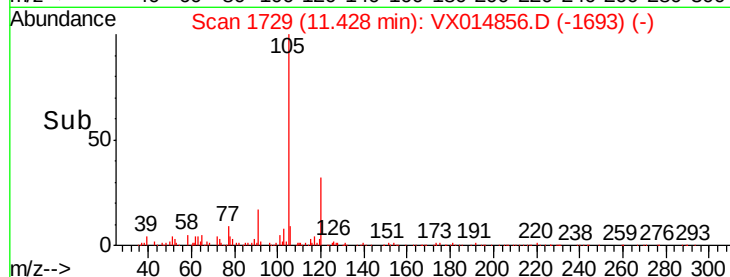
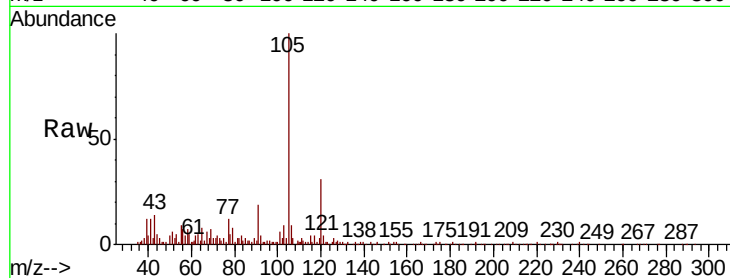




#82
4-Chlorotoluene
Concen: 0.351 ug/l
RT: 11.43 min Scan# 1729
Delta R.T. -0.08 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

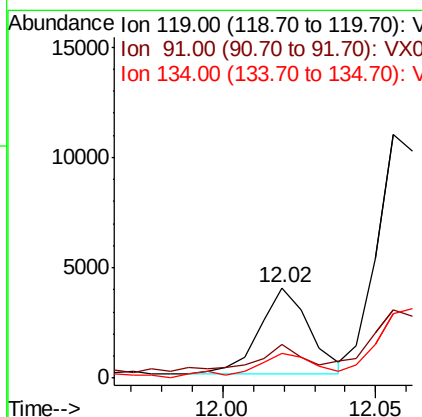
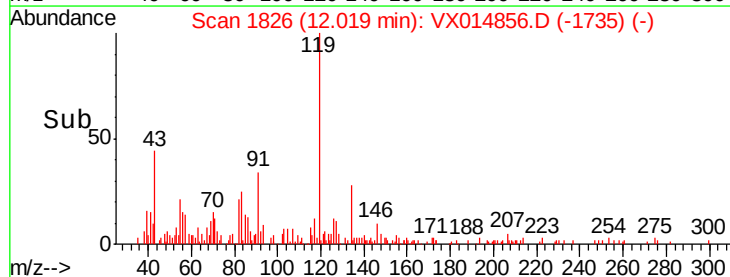
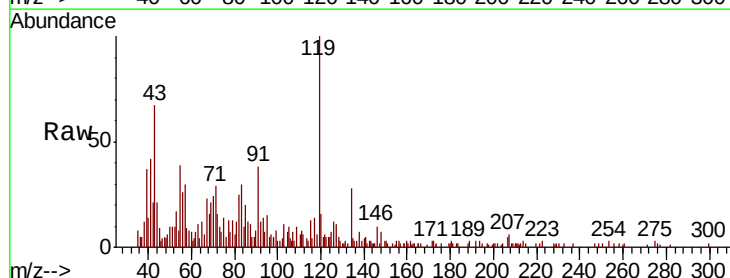
Instrument :
MSVOA_X
ClientSampleId :

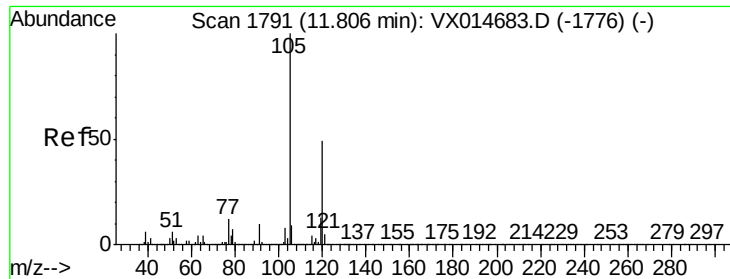
Tot Ion: 91 Resp: 6351
Ion Ratio Lower Upper
91 100
126 25.8 15.4 46.4



#83
tert-Butylbenzene
Concen: 0.246 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.26 min
Lab File: VX014856.D
Acq: 06 Feb 2020 18:30

Tgt Ion: 119 Resp: 4444
Ion Ratio Lower Upper
119 100
91 31.8 30.0 90.0
134 37.6 12.7 38.0





#84

1,2,4-Trimethylbenzene

Concen: 2.435 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

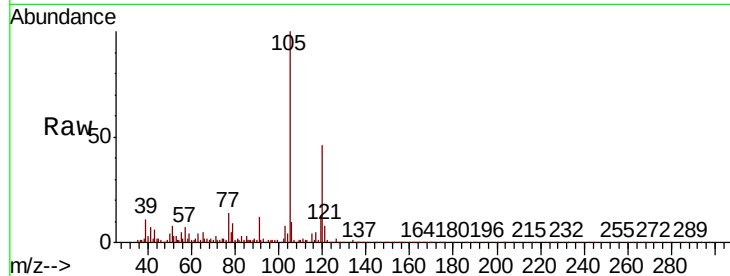
ClientSampleId :

Tot Ion:105 Resp: 46953

Ion Ratio Lower Upper

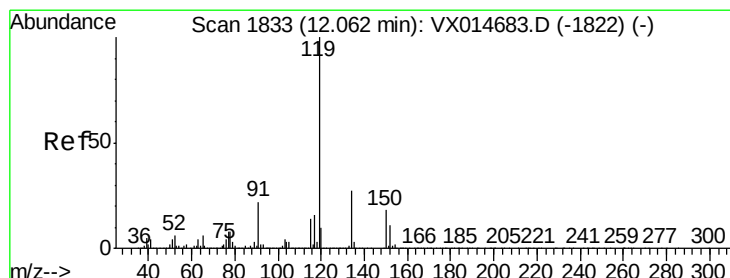
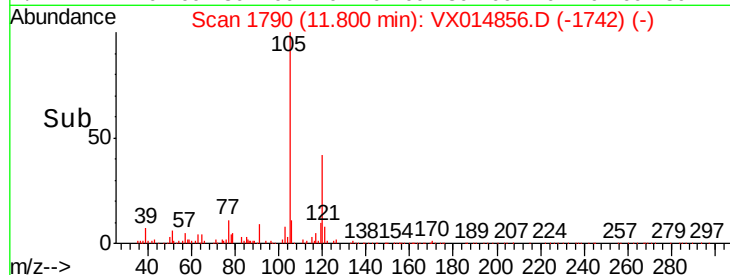
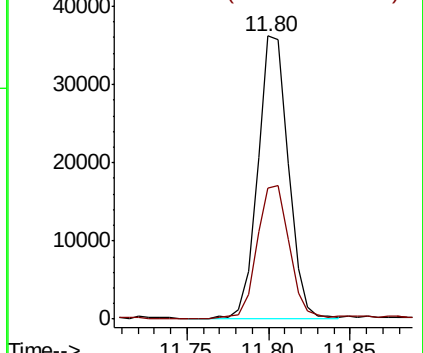
105 100

120 51.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.646 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

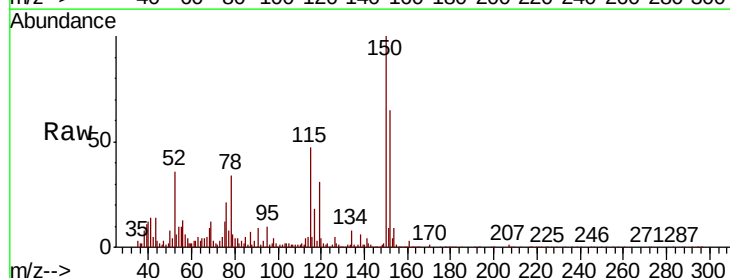
Tgt Ion:119 Resp: 13201

Ion Ratio Lower Upper

119 100

134 32.2 13.5 40.4

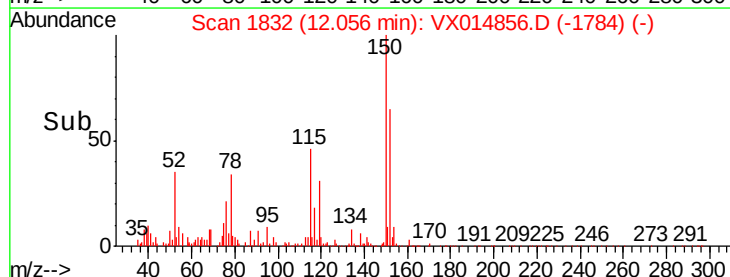
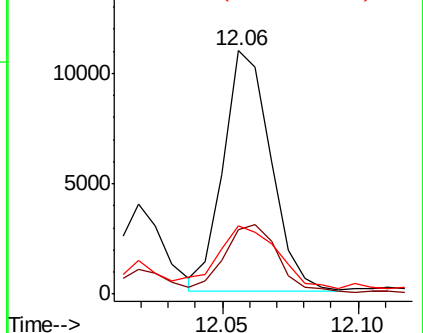
91 33.2 11.3 33.8

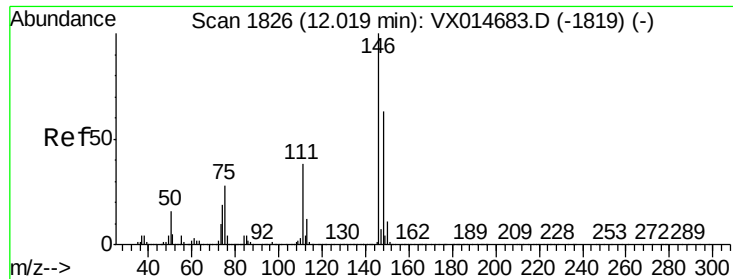


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

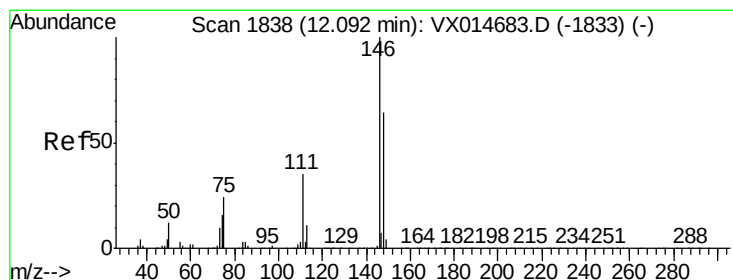
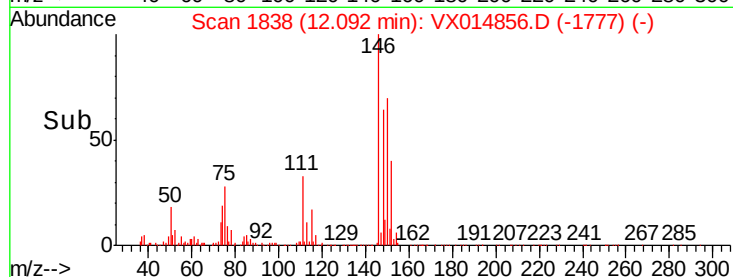
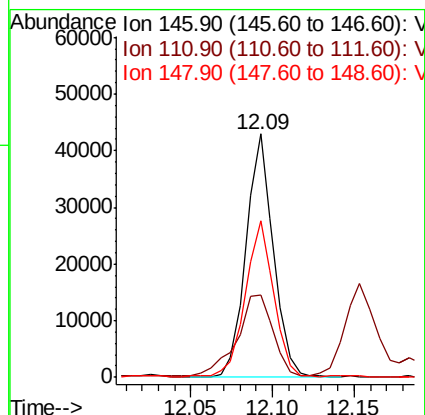
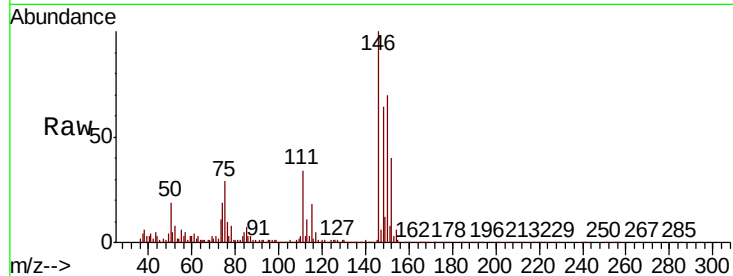




#87
 1,3-Dichlorobenzene
 Concen: 4.484 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.07 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

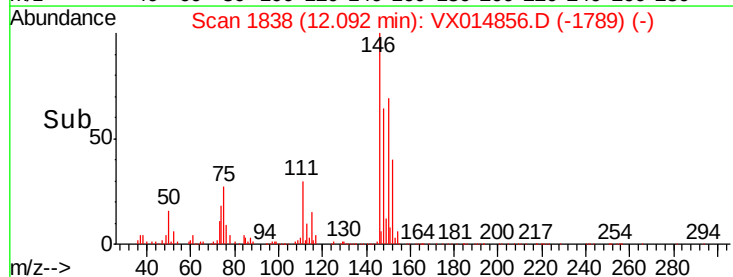
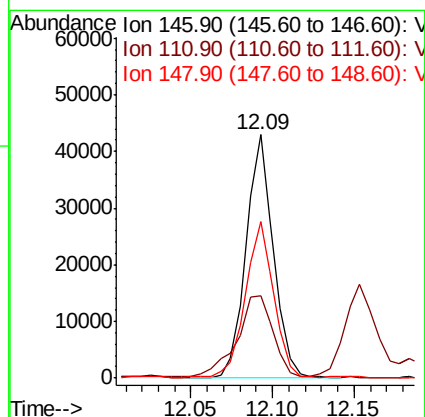
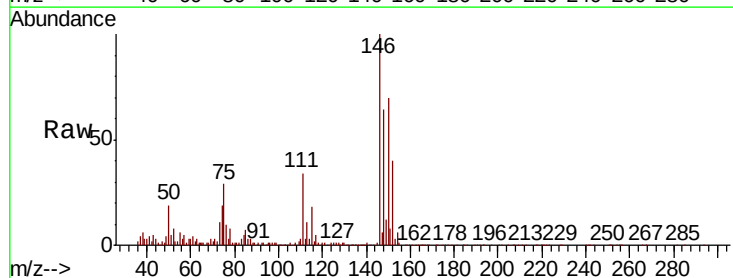
Instrument :
 MSVOA_X
 ClientSampled :

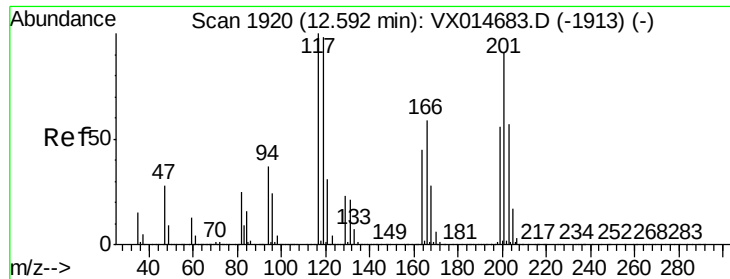
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.0	57.0
148	66.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 4.477 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	18.6	55.8
148	66.9	32.0	96.2





#90

Hexachloroethane

Concen: 0.271 ug/l

RT: 12.57 min Scan# 1916

Delta R.T. -0.02 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

Instrument :

MSVOA_X

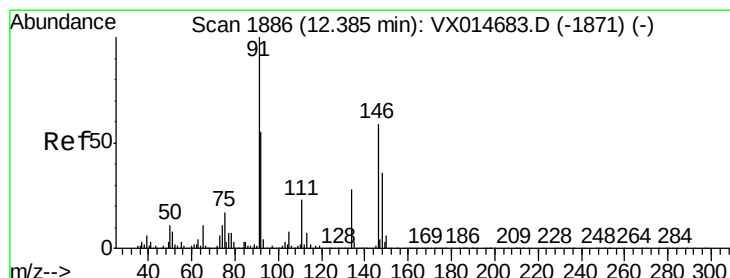
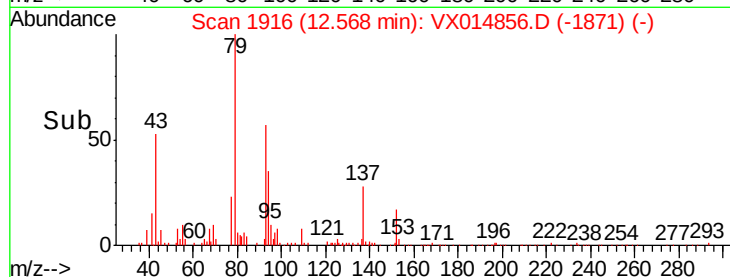
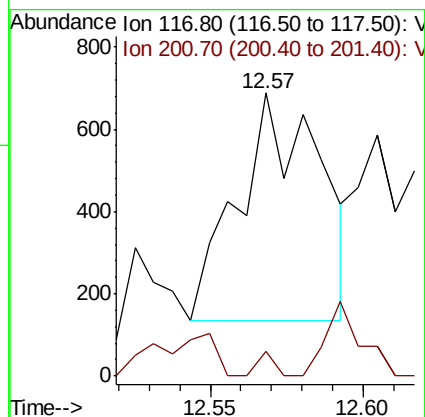
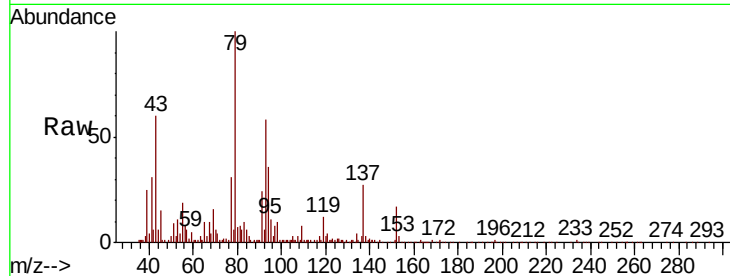
ClientSampleId :

Tot Ion:117 Resp: 1029

Ion Ratio Lower Upper

117 100

201 2.1 44.4 133.1#



#91

1,2-Dichlorobenzene

Concen: 0.395 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014856.D

Acq: 06 Feb 2020 18:30

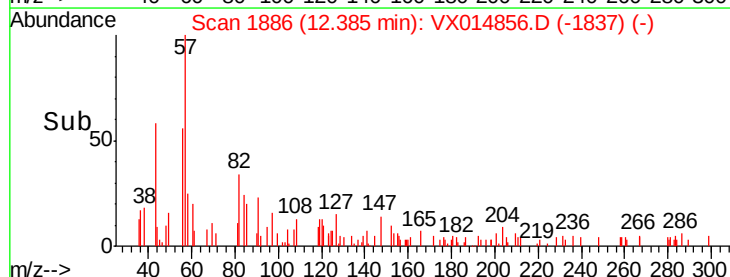
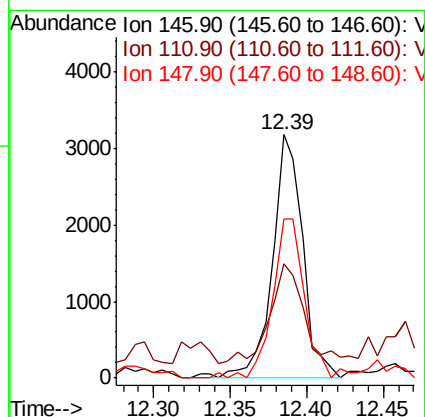
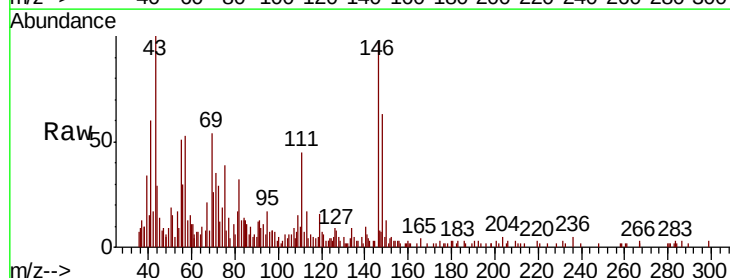
Tgt Ion:146 Resp: 4391

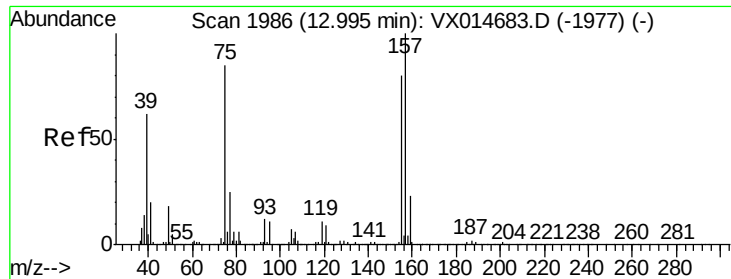
Ion Ratio Lower Upper

146 100

111 42.7 19.6 58.8

148 69.1 31.9 95.9

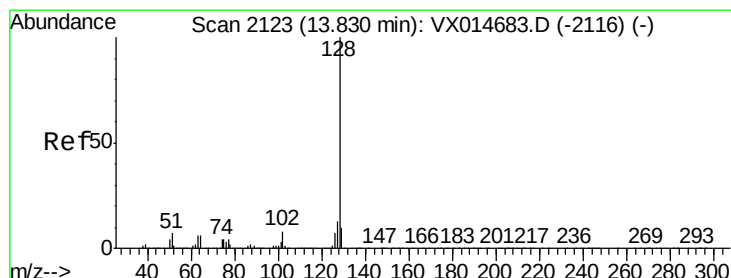
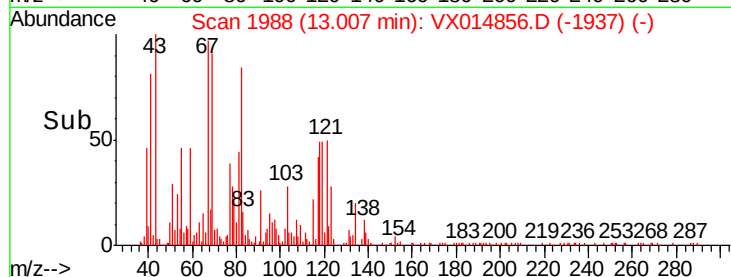
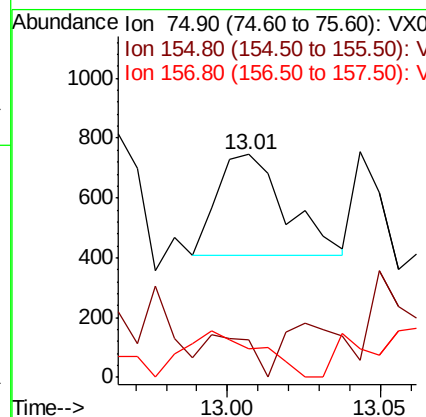
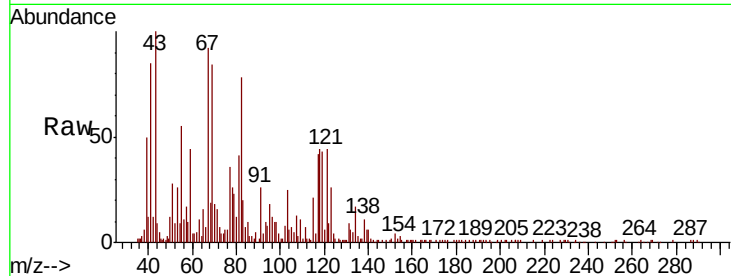




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.296 ug/l
 RT: 13.01 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 525
 Ion Ratio Lower Upper
 75 100
 155 28.0 45.6 136.9#
 157 50.5 60.3 180.9#



#95
 Naphthalene
 Concen: 3.176 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014856.D
 Acq: 06 Feb 2020 18:30

Tgt Ion: 128 Resp: 52798
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.1 8.6 12.8

