

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015750.D
 Acq On : 17 Apr 2020 19:48
 Operator : JC/SP
 Sample : L2305-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1074205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1626023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1602670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	906126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	604497	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	
35) Dibromofluoromethane	5.47	113	508385	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.70	98	1938129	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	848721	54.57	ug/l	0.00
Spiked Amount			Recovery	=	109.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.56	50	1684557	139.771	ug/l #	44
4) Vinyl Chloride	1.17	62	122047	11.028	ug/l #	42
5) Bromomethane	1.57	94	7206	Below Cal	#	19
6) Chloroethane	1.53	64	79221	11.542	ug/l #	49
10) Methyl Iodide	2.51	142	5905	0.453	ug/l #	86
11) Tert butyl alcohol	3.01	59	47949	13.222	ug/l #	69
13) Acrolein	2.25	56	46442	22.482	ug/l #	23
14) Allyl chloride	2.68	41	11958	0.505	ug/l #	27
16) Acetone	2.42	43	3166481	486.477	ug/l	95
18) Methyl Acetate	2.75	43	15146	0.912	ug/l #	87
25) 2-Butanone	4.64	43	658945	62.949	ug/l	100
29) Tetrahydrofuran	5.12	42	3005	0.447	ug/l	94
36) 1,1-Dichloropropene	5.63	75	72544	4.842	ug/l #	52
37) Ethyl Acetate	4.64	43	658945	33.779	ug/l #	70
38) Carbon Tetrachloride	5.63	117	96704	5.959	ug/l #	14
40) Benzene	6.12	78	5609932	127.828	ug/l	99
42) 1,2-Dichloroethane	6.12	62	51836	2.941	ug/l	76
43) Isopropyl Acetate	6.41	43	11159	0.339	ug/l #	74
44) Trichloroethene	7.18	130	3384	0.283	ug/l	48
49) 1,4-Dioxane	7.72	88	757	2.467	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	31121	1.668	ug/l #	73
52) Toluene	8.77	92	1682157	62.171	ug/l	97
55) 1,1,2-Trichloroethane	9.06	97	661213	59.647	ug/l #	18
56) Ethyl methacrylate	9.06	69	42002	2.150	ug/l #	13
57) 1,3-Dichloropropane	9.61	76	20788	1.041	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.20	63	3732	0.393	ug/l #	63
59) 2-Hexanone	9.48	43	19823	1.407	ug/l	99
65) Chlorobenzene	10.32	112	100572	3.147	ug/l #	51
67) Ethyl Benzene	10.24	91	1210978	21.362	ug/l	99
68) m/p-Xylenes	10.34	106	1917551	90.842	ug/l	99
69) o-Xylene	10.68	106	776817	37.242	ug/l	99
70) Styrene	10.70	104	141698	3.860	ug/l #	24
73) Isopropylbenzene	11.00	105	29477	0.496	ug/l	99
74) N-amyl acetate	10.94	43	26980	0.817	ug/l #	51

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

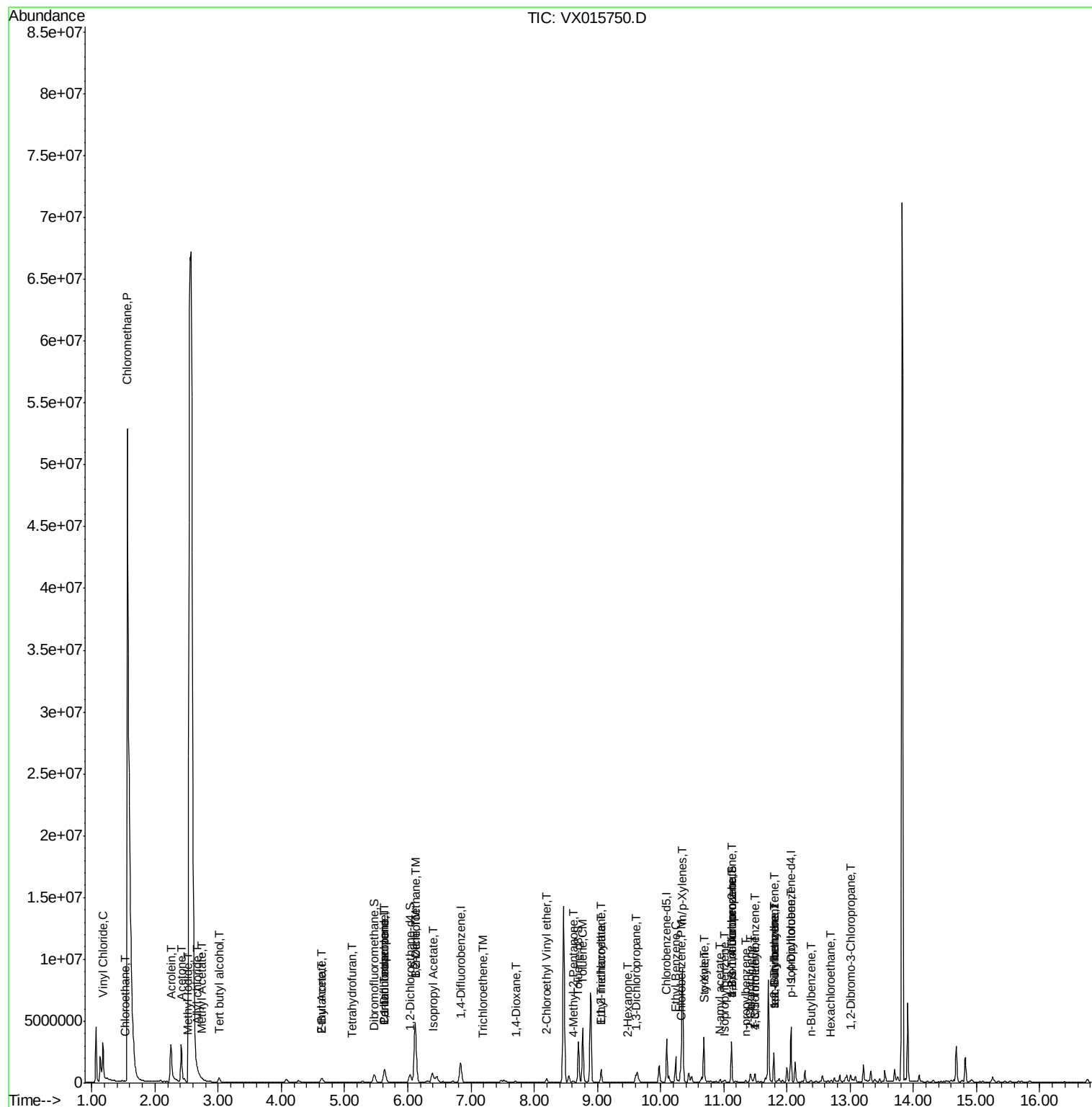
76) 1,2,3-Trichloropropane	11.12	75	418551	22.462	ug/l #	35
78) n-propylbenzene	11.34	91	67721	0.998	ug/l	91
79) 2-Chlorotoluene	11.42	91	52725	1.267	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.49	105	289563	5.711	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	418551	53.897	ug/l #	10
82) 4-Chlorotoluene	11.49	91	32499	0.666	ug/l #	45
83) tert-Butylbenzene	11.79	119	126287	2.550	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	1022576	19.790	ug/l	99
85) sec-Butylbenzene	11.79	105	1022576	17.852	ug/l #	56
86) p-Isopropyltoluene	12.05	119	185668	3.492	ug/l	99
89) n-Butylbenzene	12.37	91	14470	0.301	ug/l #	35
90) Hexachloroethane	12.68	117	11474	1.109	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	8573	1.491	ug/l #	9

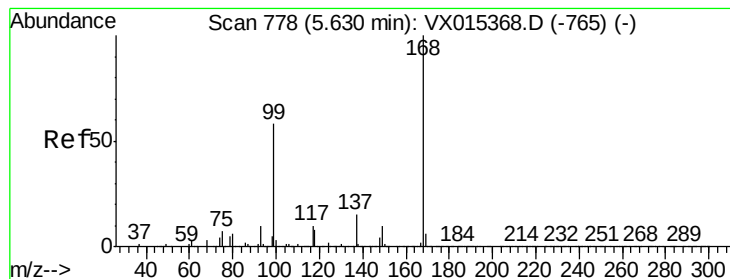
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

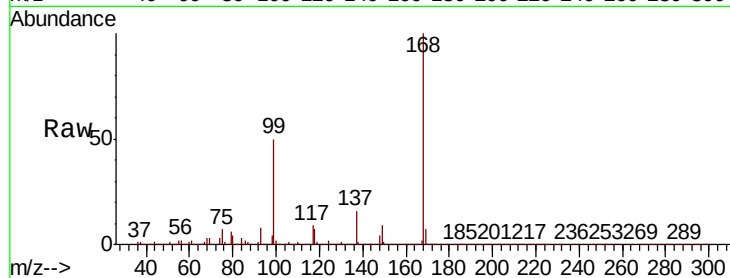
ClientSampled :

Tot Ion:168 Resp: 1074205

Ion Ratio Lower Upper

168 100

99 49.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

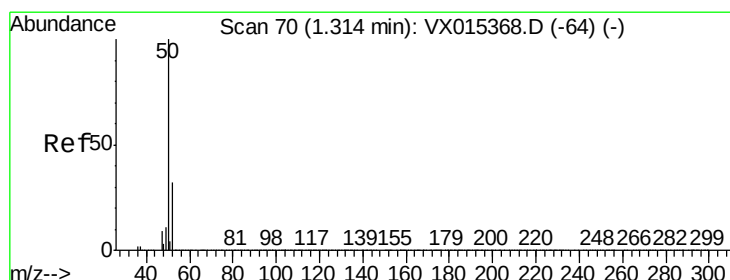
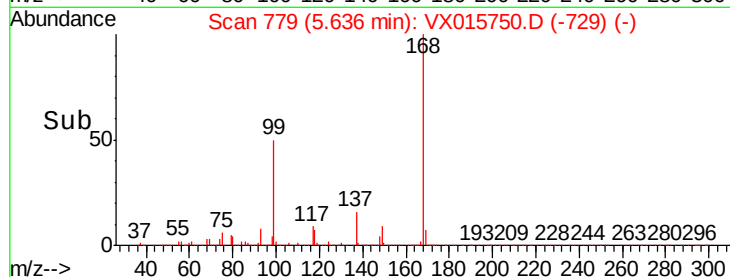
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 139.771 ug/l

RT: 1.56 min Scan# 111

Delta R.T. 0.25 min

Lab File: VX015750.D

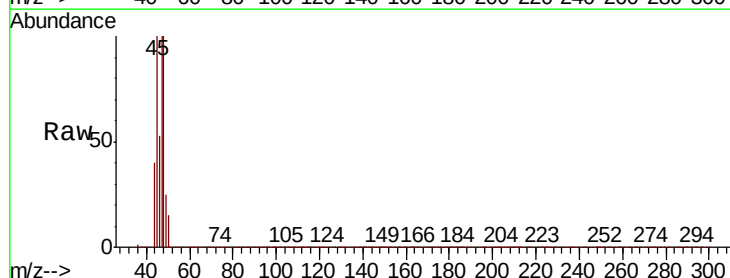
Acq: 17 Apr 2020 19:48

Tgt Ion: 50 Resp: 1684557

Ion Ratio Lower Upper

50 100

52 0.4 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.56

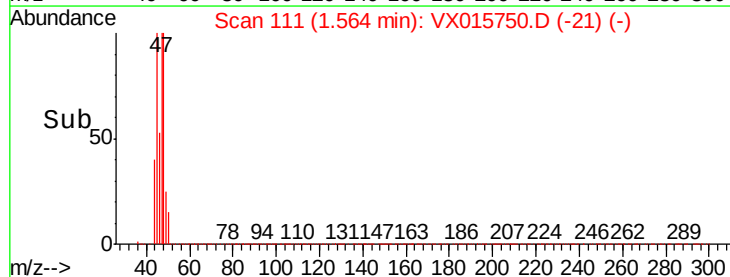
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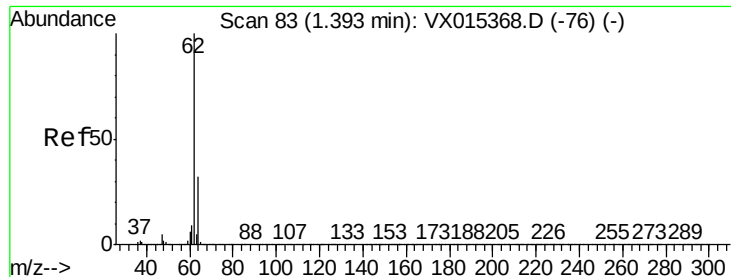
500000

0

Time-->

1.45 1.50 1.55 1.60





#4

Vinyl Chloride

Concen: 11.028 ug/l

RT: 1.17 min Scan# 47

Delta R.T. -0.22 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

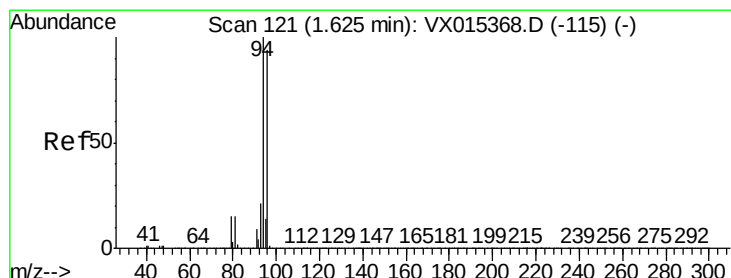
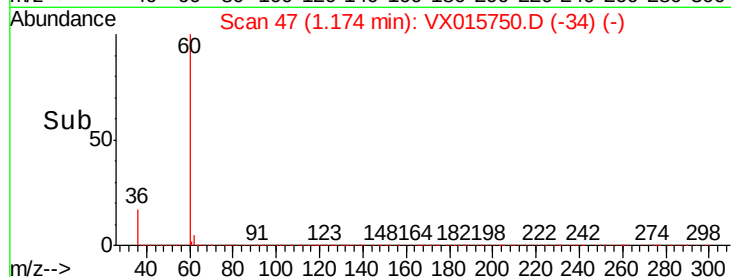
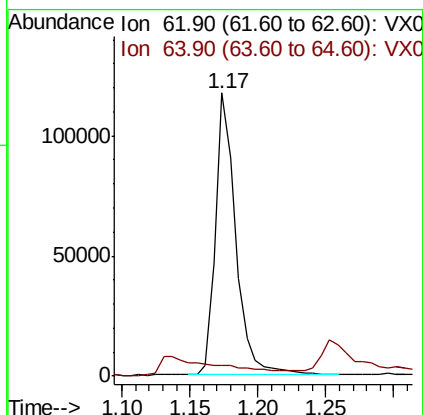
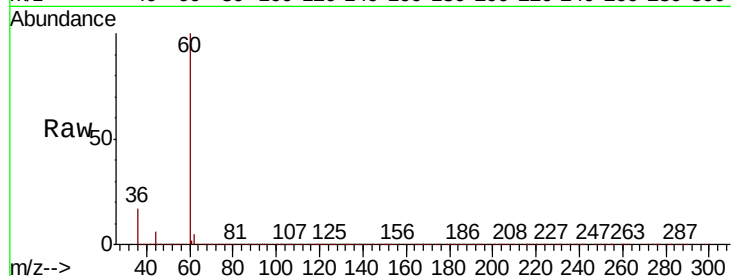
ClientSampleId :

Tot Ion: 62 Resp: 122047

Ion Ratio Lower Upper

62 100

64 0.0 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.57 min Scan# 112

Delta R.T. -0.05 min

Lab File: VX015750.D

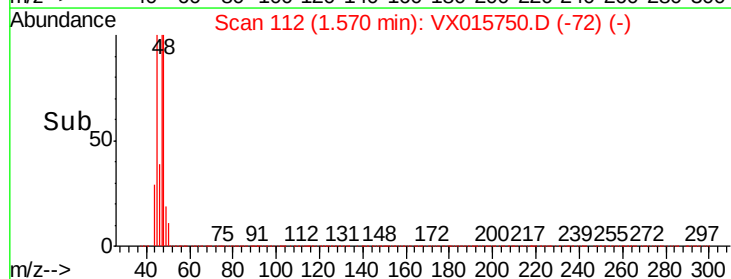
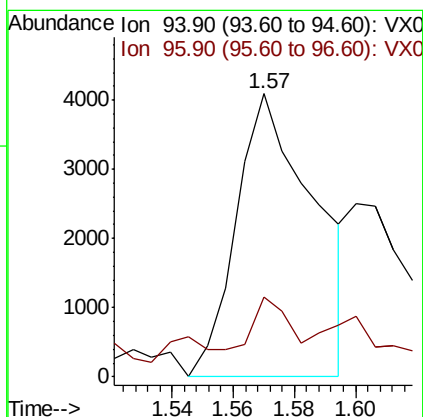
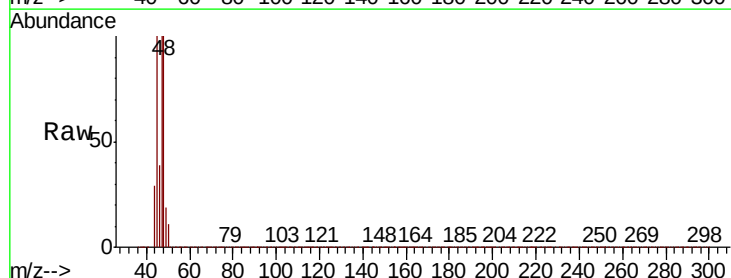
Acq: 17 Apr 2020 19:48

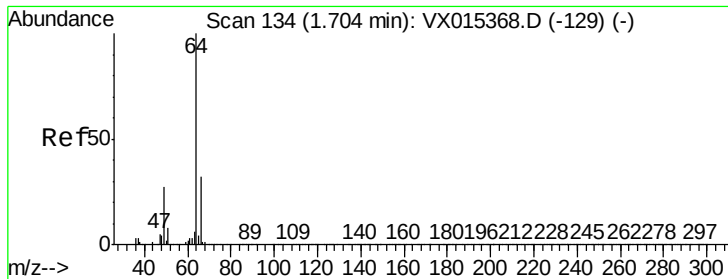
Tgt Ion: 94 Resp: 7206

Ion Ratio Lower Upper

94 100

96 15.4 74.8 112.2#





#6

Chloroethane

Concen: 11.542 ug/l

RT: 1.53 min Scan# 106

Delta R.T. -0.17 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

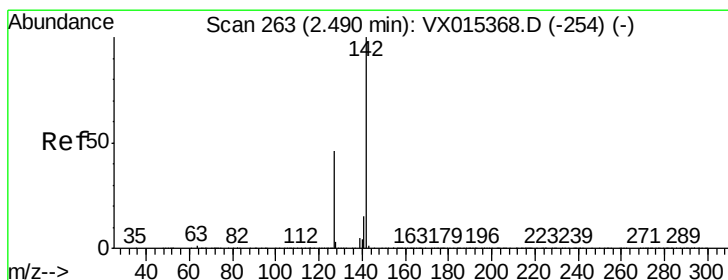
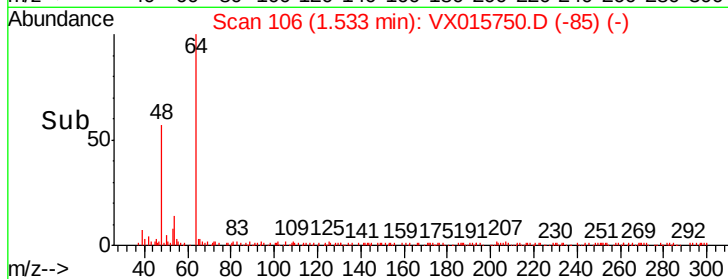
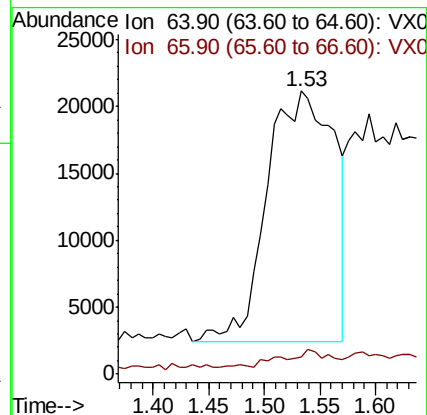
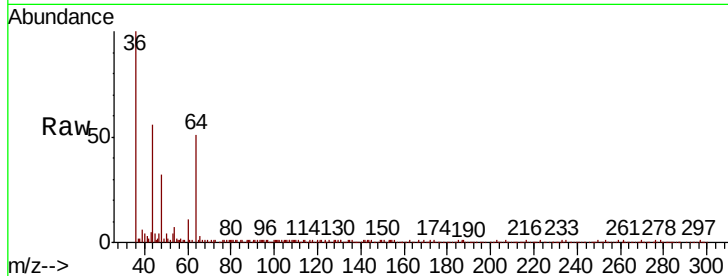
ClientSampleId :

Tot Ion: 64 Resp: 79221

Ion Ratio Lower Upper

64 100

66 3.3 25.4 38.2#



#10

Methyl Iodide

Concen: 0.453 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.02 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

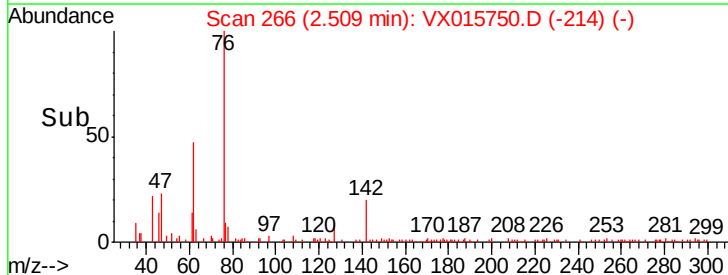
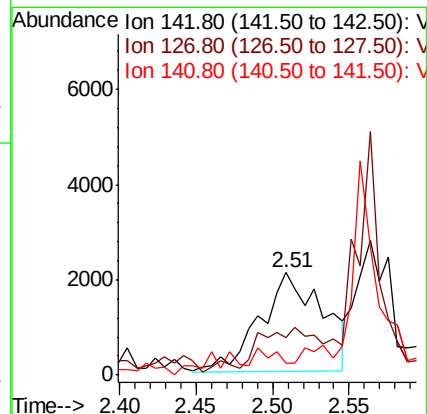
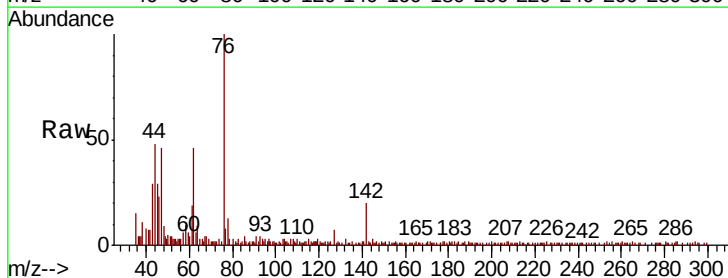
Tgt Ion: 142 Resp: 5905

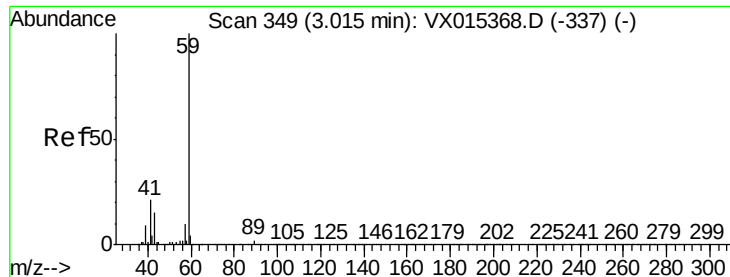
Ion Ratio Lower Upper

142 100

127 39.9 35.9 53.9

141 0.0 11.6 17.4#



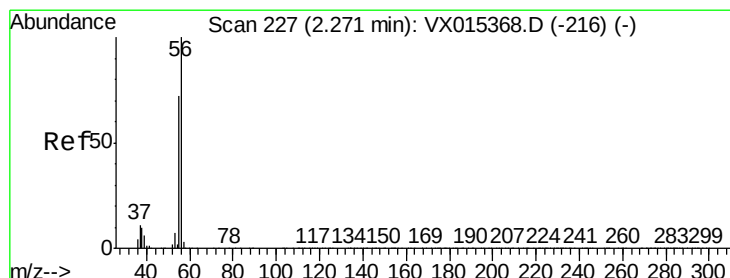
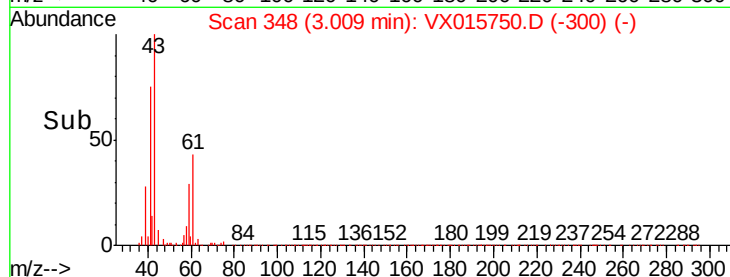
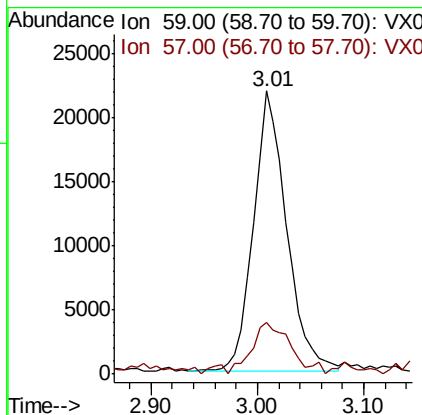
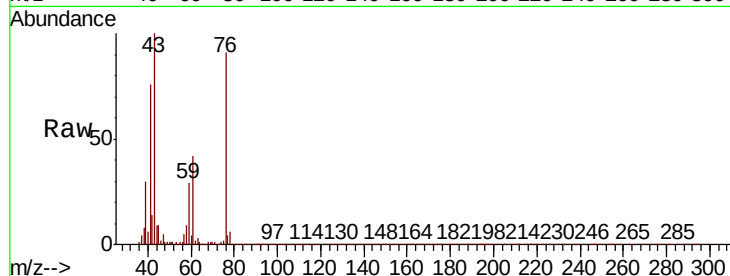


#11

Tert butyl alcohol
 Concen: 13.222 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

Instrument :
 MSVOA_X
 ClientSampleId :

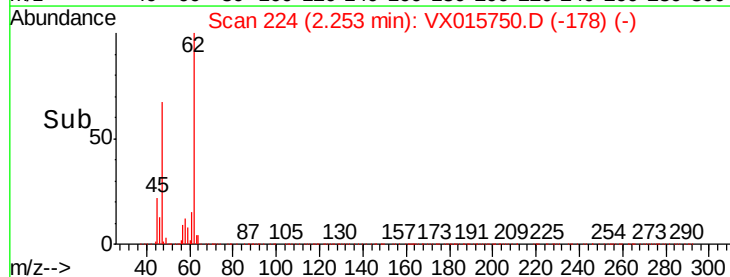
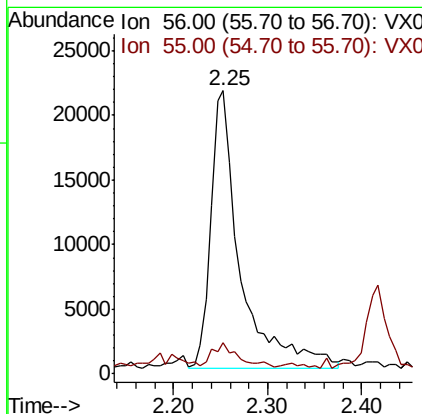
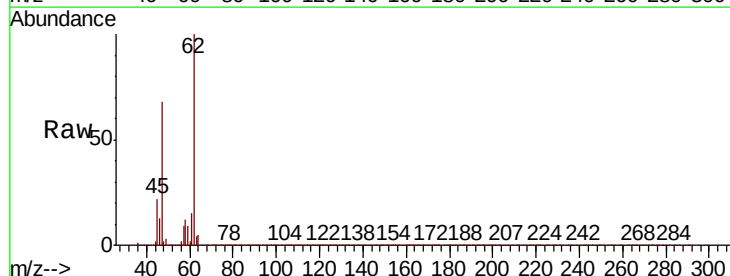
Tot Ion: 59 Resp: 47949
 Ion Ratio Lower Upper
 59 100
 57 21.4 8.1 12.1#

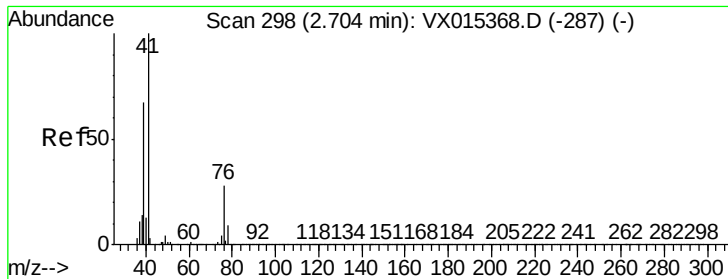


#13

Acrolein
 Concen: 22.482 ug/l
 RT: 2.25 min Scan# 224
 Delta R.T. -0.02 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

Tgt Ion: 56 Resp: 46442
 Ion Ratio Lower Upper
 56 100
 55 7.6 57.0 85.4#

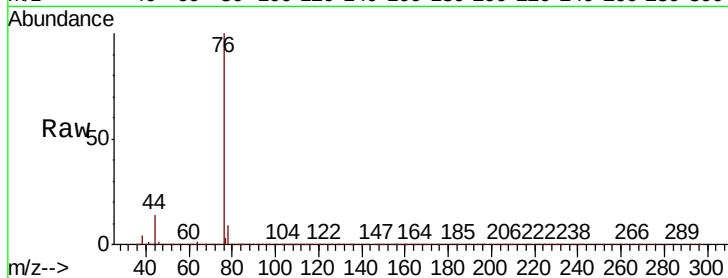




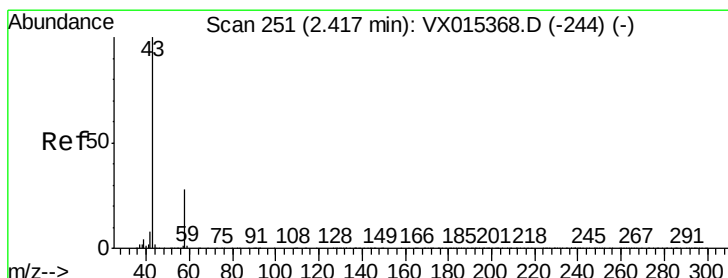
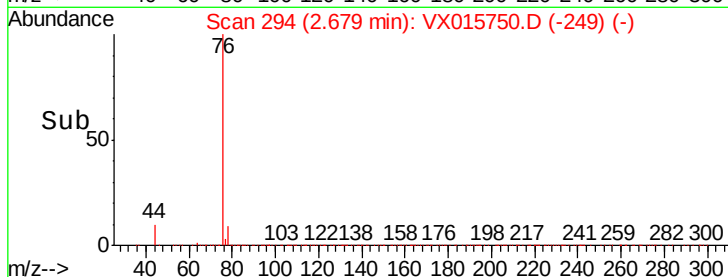
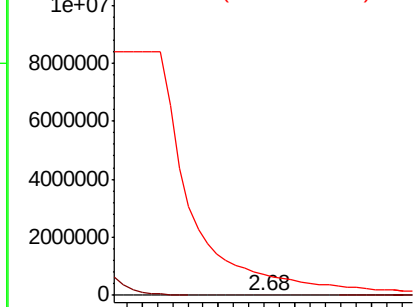
#14
Allvl chloride
Concen: 0.505 ug/l
RT: 2.68 min Scan# 294
Delta R.T. -0.02 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 11958
Ion Ratio Lower Upper
41 100
39 0.0 51.4 77.0#
76 0.0 21.8 32.8#

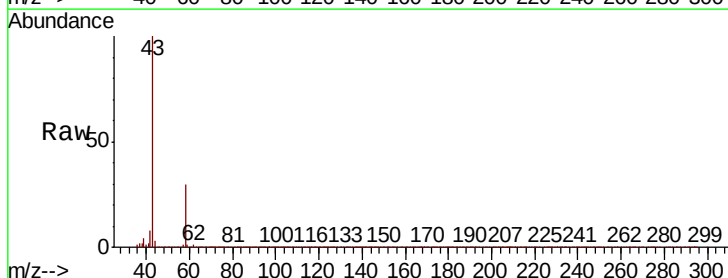


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

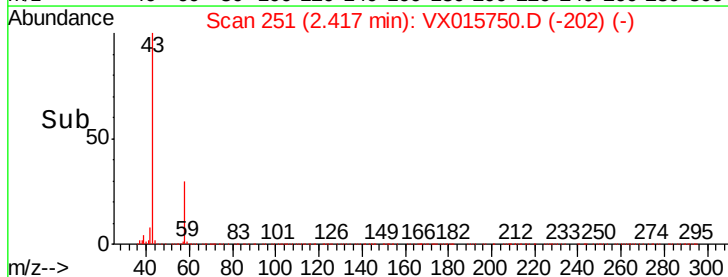
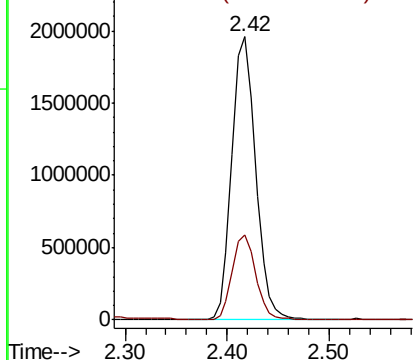


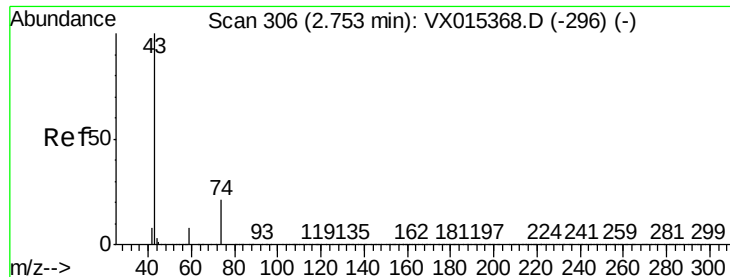
#16
Acetone
Concen: 486.477 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 43 Resp: 3166481
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

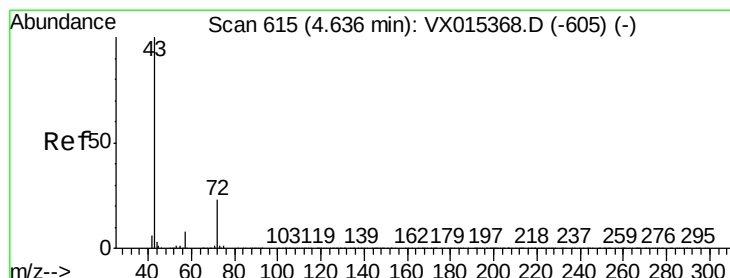
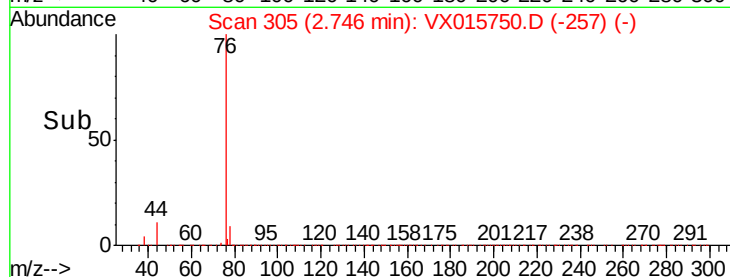
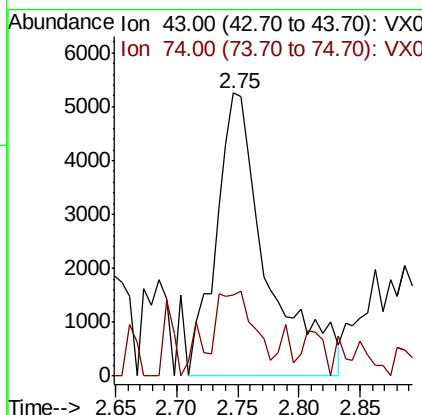
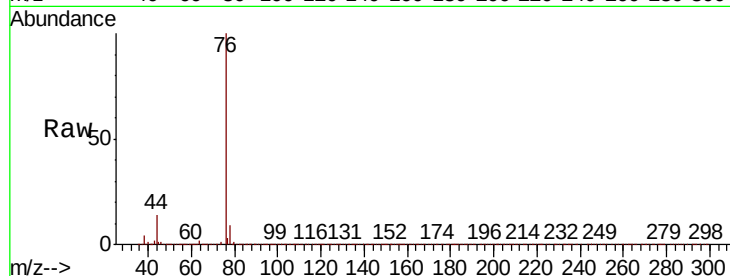




#18
Methvl Acetate
Concen: 0.912 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

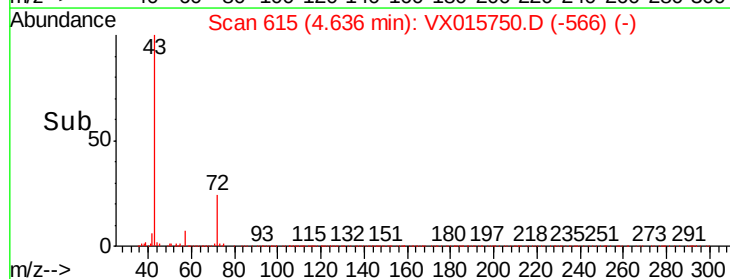
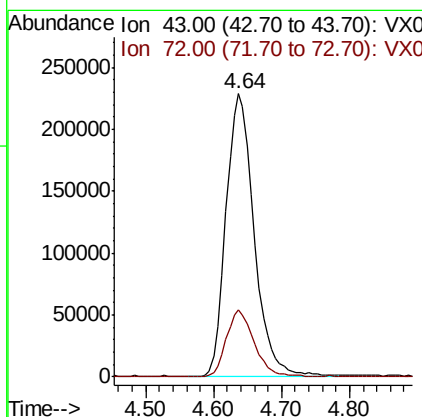
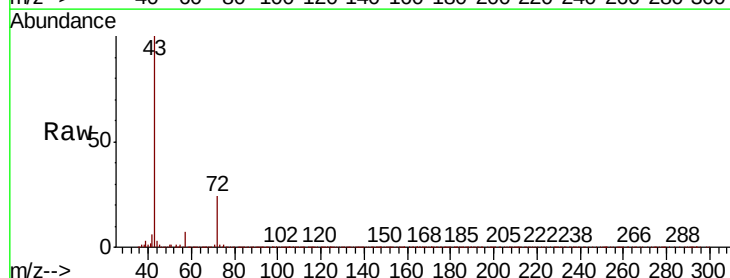
Instrument :
MSVOA_X
ClientSampleId :

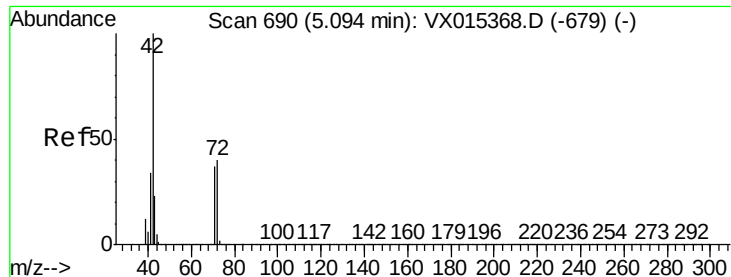
Tot Ion: 43 Resp: 15146
Ion Ratio Lower Upper
43 100
74 26.7 16.5 24.7#



#25
2-Butanone
Concen: 62.949 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 43 Resp: 658945
Ion Ratio Lower Upper
43 100
72 23.5 19.0 28.4





#29

Tetrahydrofuran

Concen: 0.447 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.02 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampled :

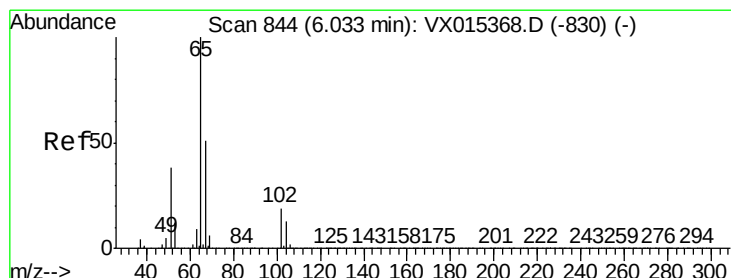
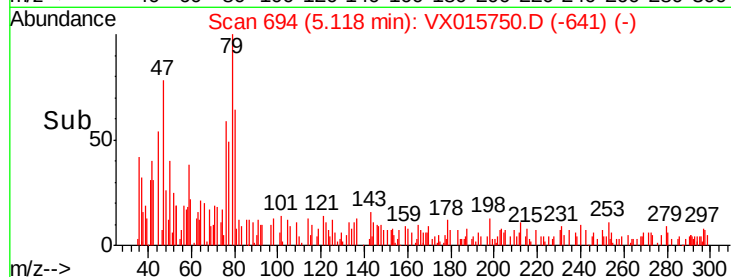
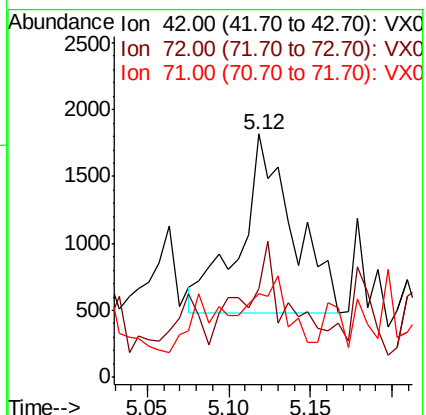
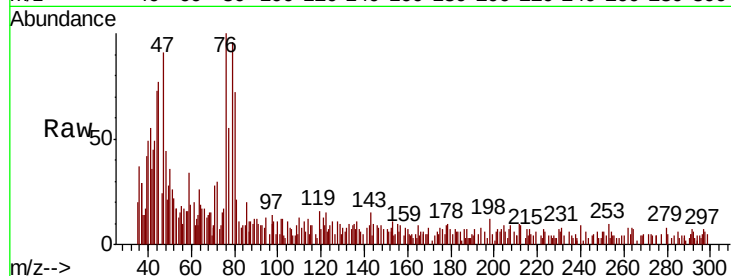
Tot Ion: 42 Resp: 3005

Ion Ratio Lower Upper

42 100

72 43.3 31.7 47.5

71 34.1 29.6 44.4



#33

1,2-Dichloroethane-d4

Concen: 39.900 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015750.D

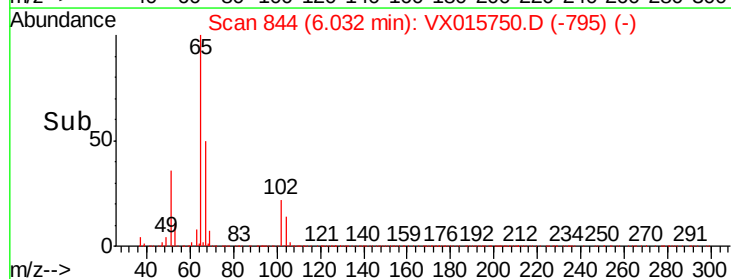
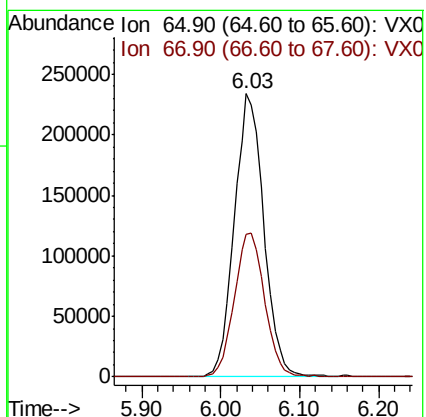
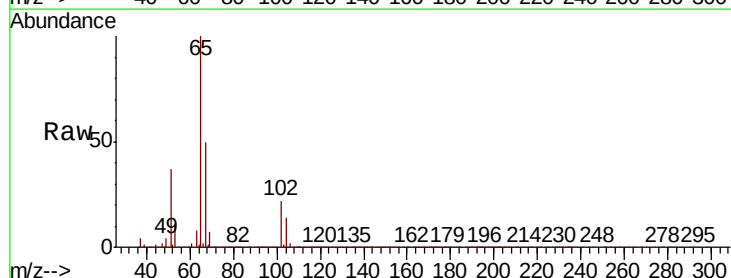
Acq: 17 Apr 2020 19:48

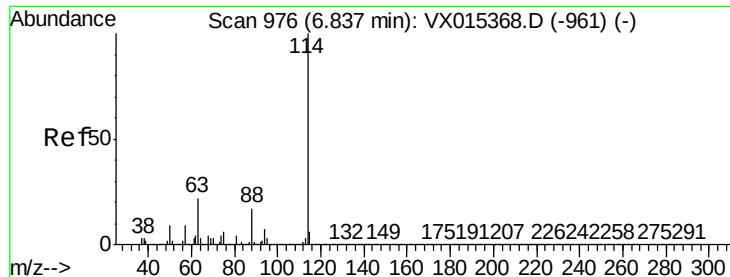
Tgt Ion: 65 Resp: 604497

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

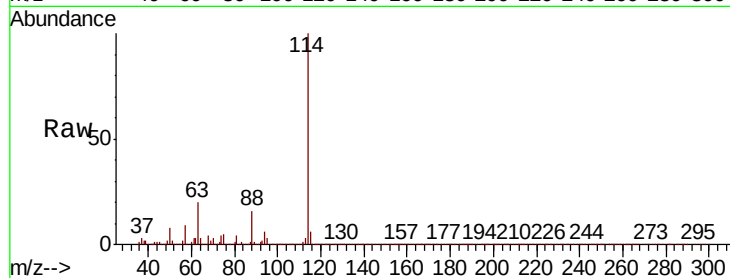
Tot Ion:114 Resp: 1626023

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

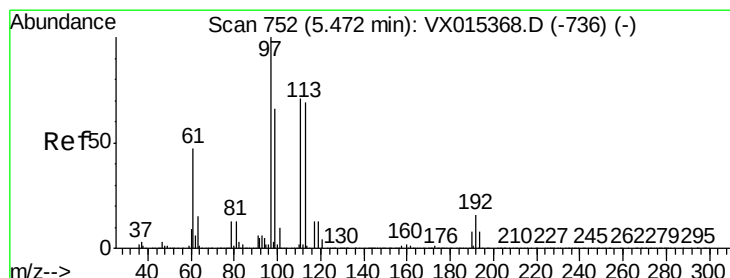
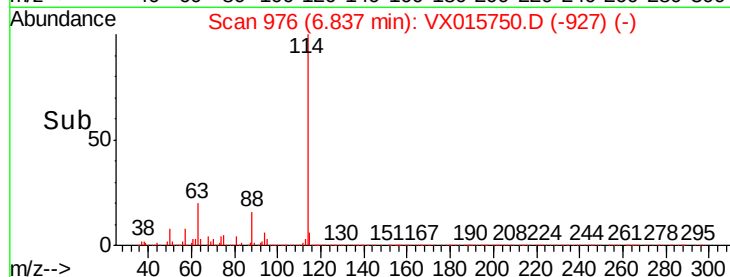
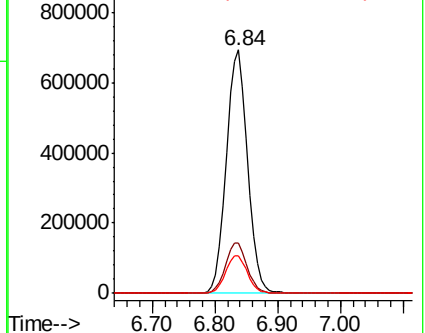
88 15.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.911 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

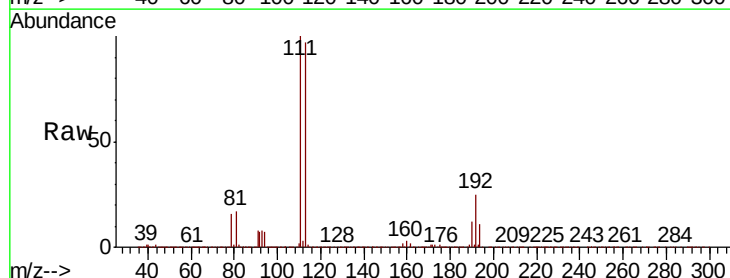
Tgt Ion:113 Resp: 508385

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

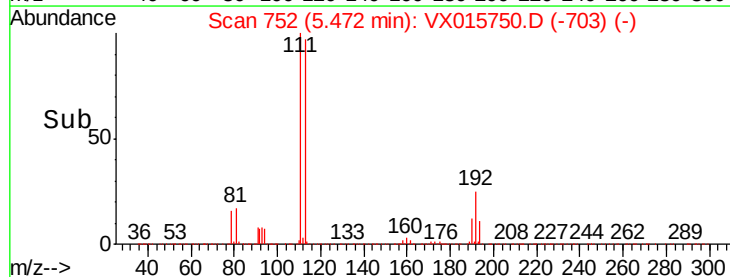
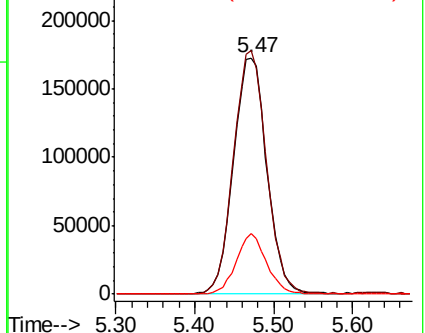
192 23.2 17.8 26.6

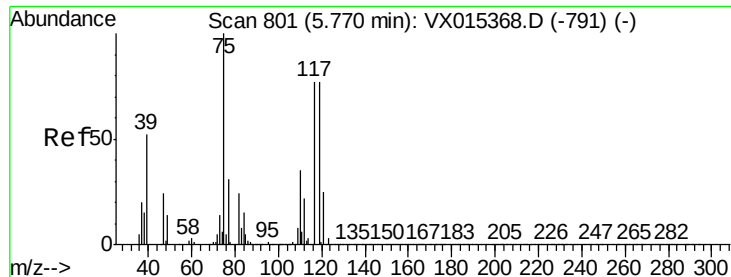


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

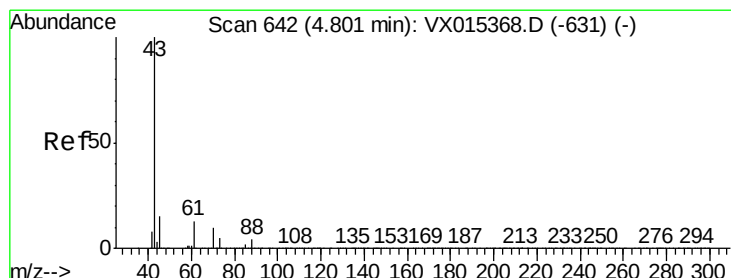
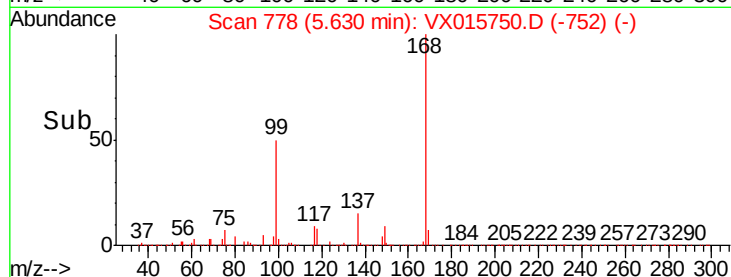
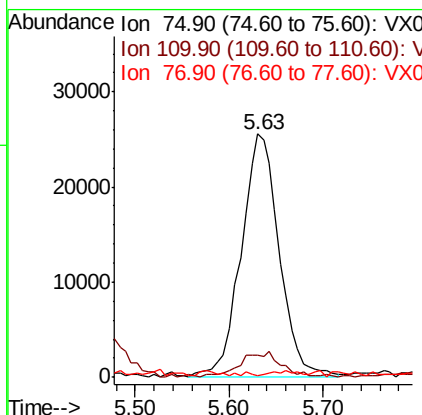
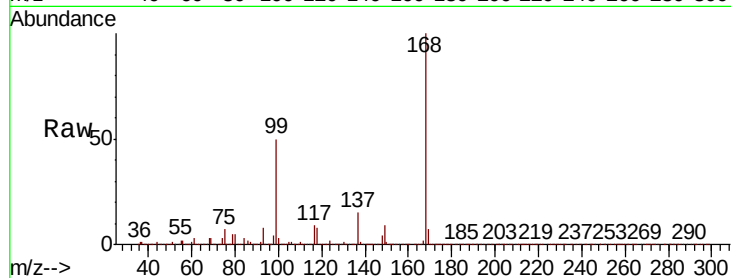




#36
 1,1-Dichloropropene
 Concen: 4.842 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

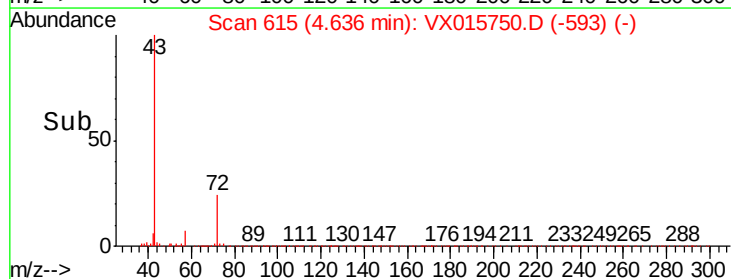
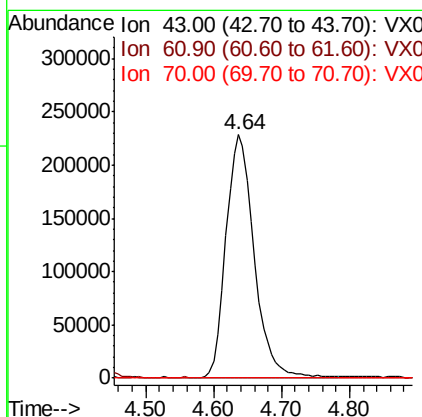
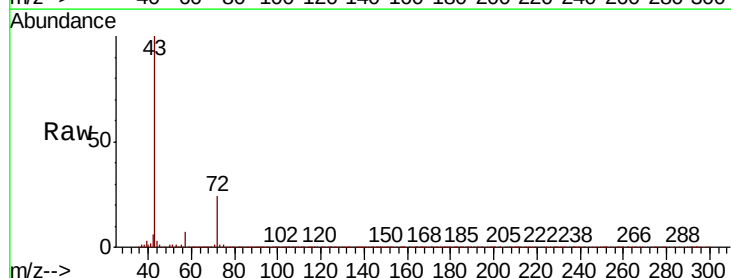
Instrument :
 MSVOA_X
 ClientSampleId :

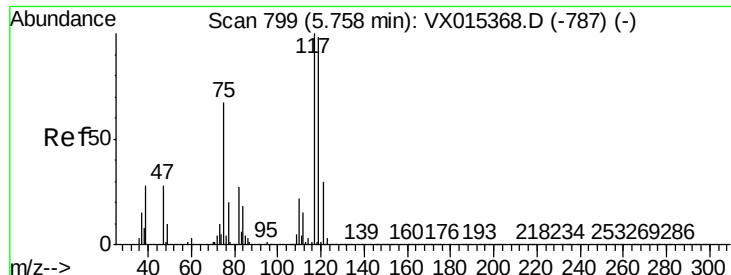
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.1	51.3#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 33.779 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. -0.16 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	0.0	8.1	12.1#

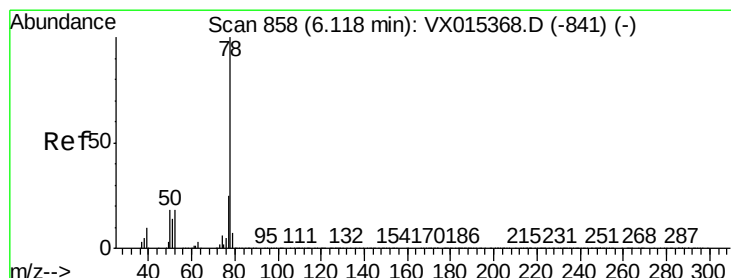
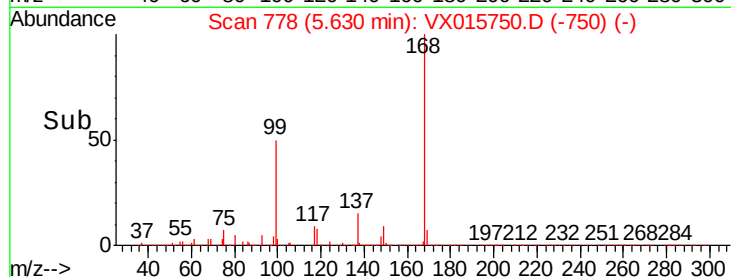
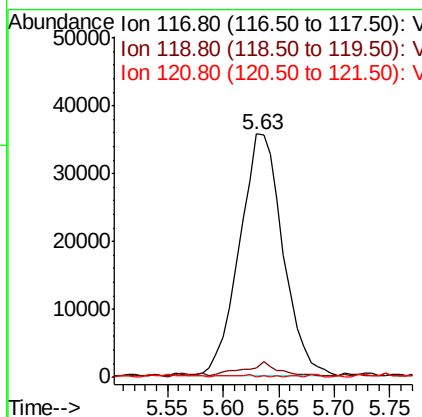
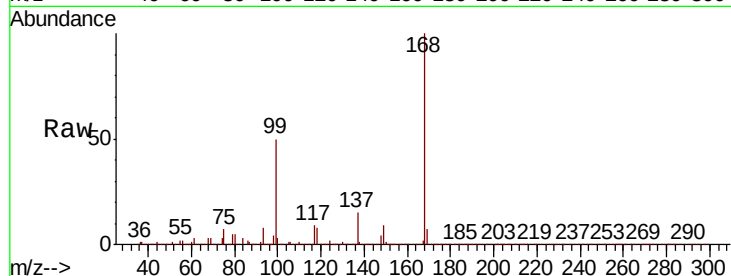




#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.13 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

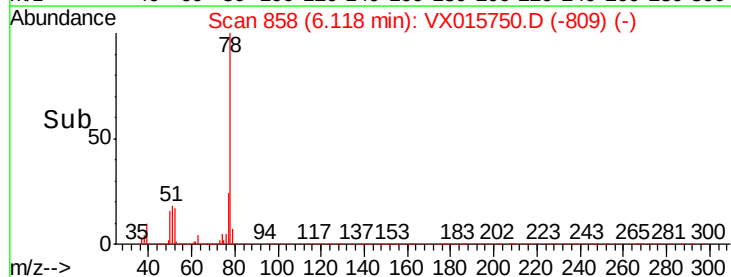
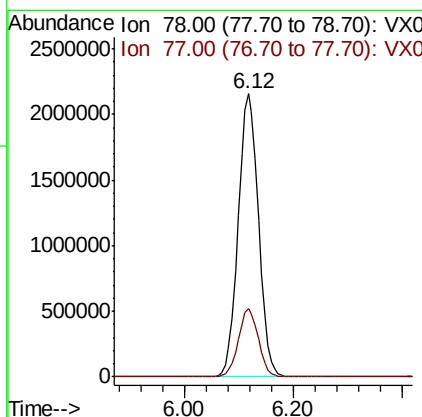
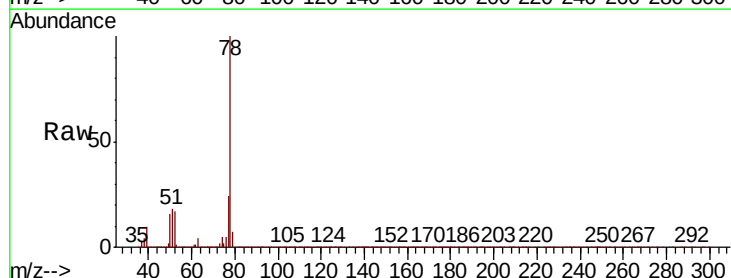
Instrument :
MSVOA_X
ClientSampleId :

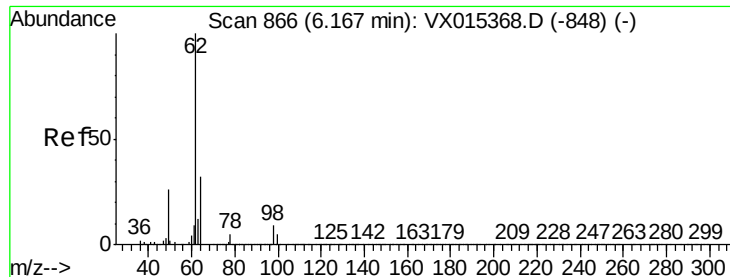
Tot Ion:117 Resp: 96704
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 23.8 35.8#



#40
Benzene
Concen: 127.828 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 78 Resp: 5609932
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.8





#42

1,2-Dichloroethane

Concen: 2.941 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.05 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

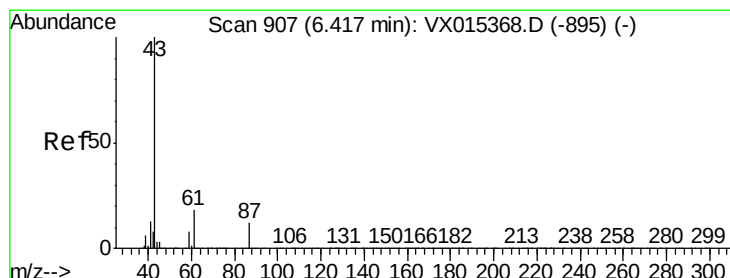
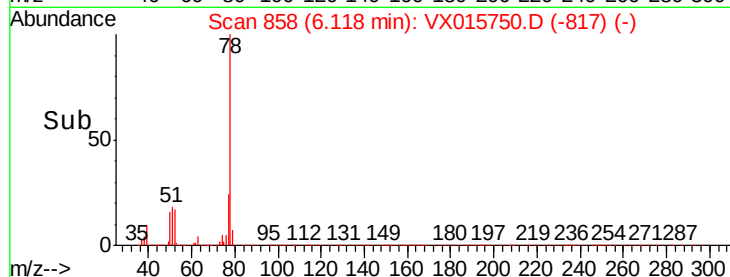
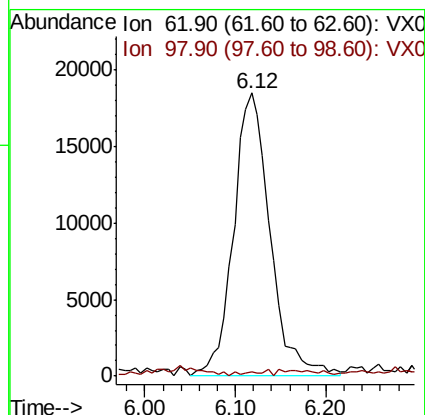
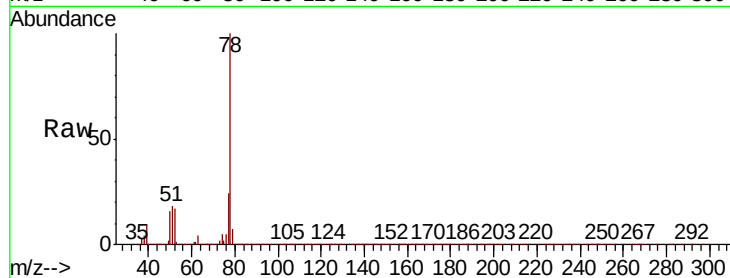
ClientSampleId :

Tot Ion: 62 Resp: 51836

Ion Ratio Lower Upper

62 100

98 0.2 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.339 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

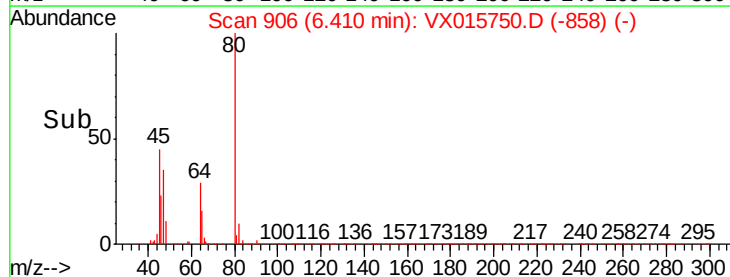
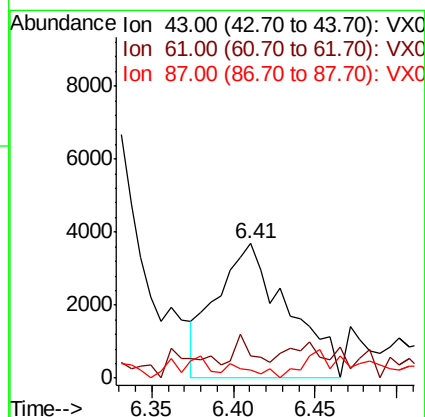
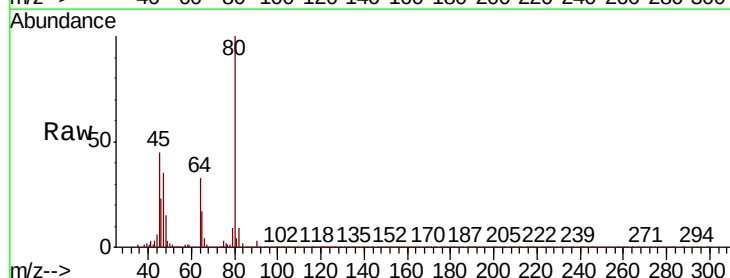
Tgt Ion: 43 Resp: 11159

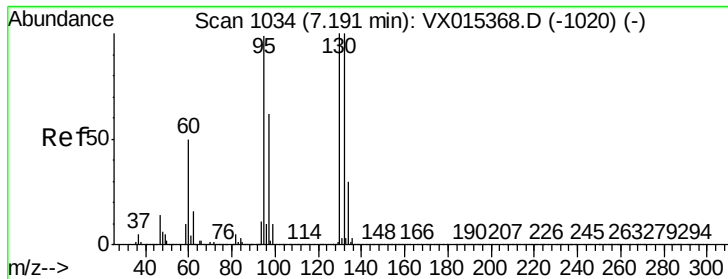
Ion Ratio Lower Upper

43 100

61 4.9 14.8 22.2#

87 4.2 9.4 14.0#





#44

Trichloroethene

Concen: 0.283 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

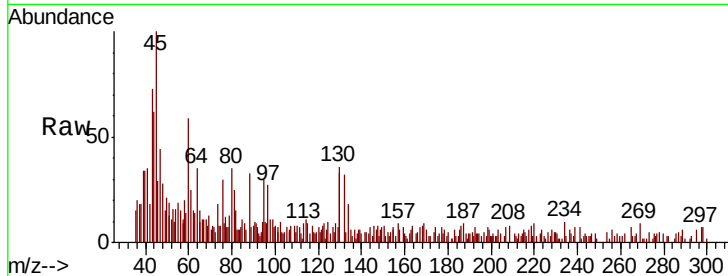
ClientSampled :

Tot Ion:130 Resp: 3384

Ion Ratio Lower Upper

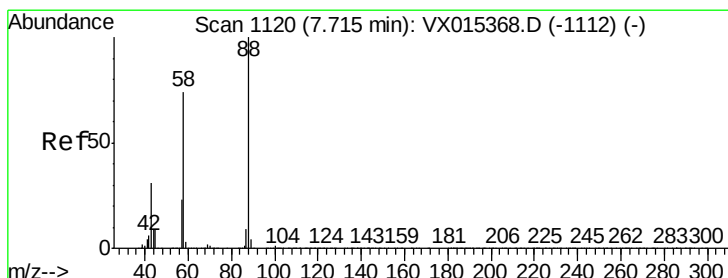
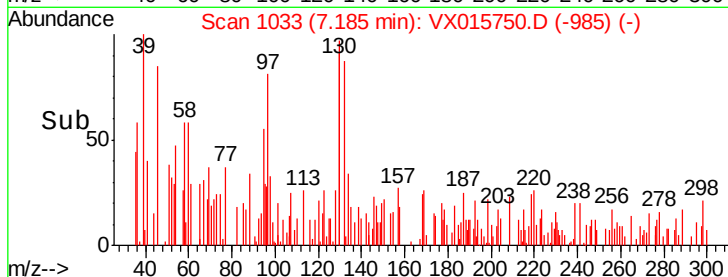
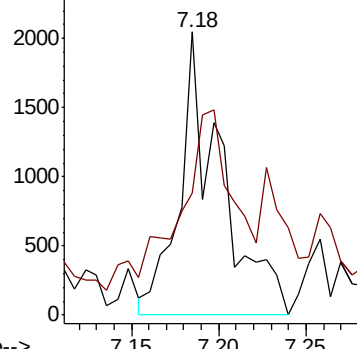
130 100

95 47.2 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 2.467 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

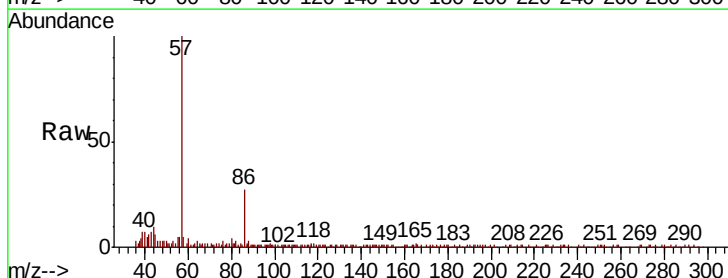
Tgt Ion: 88 Resp: 757

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

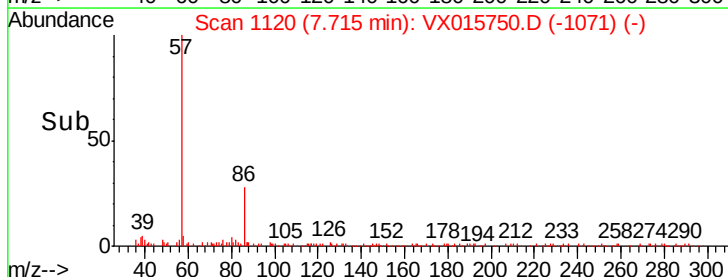
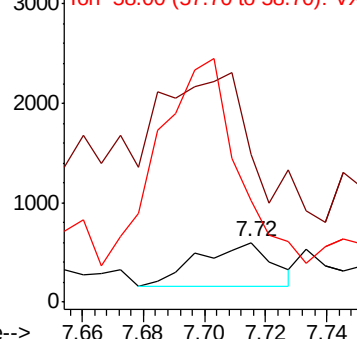
58 601.2 60.6 90.8#

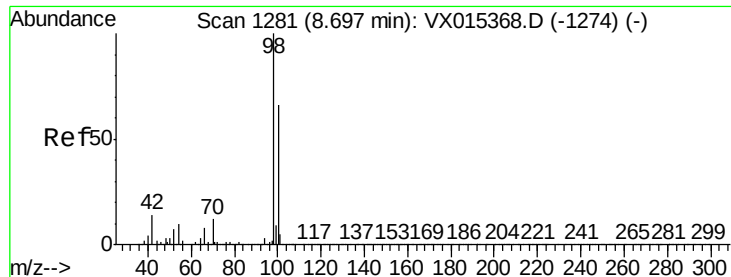


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

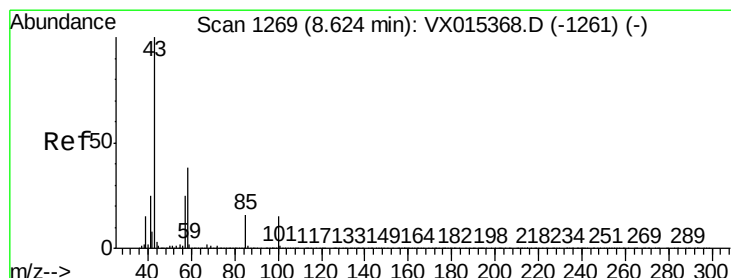
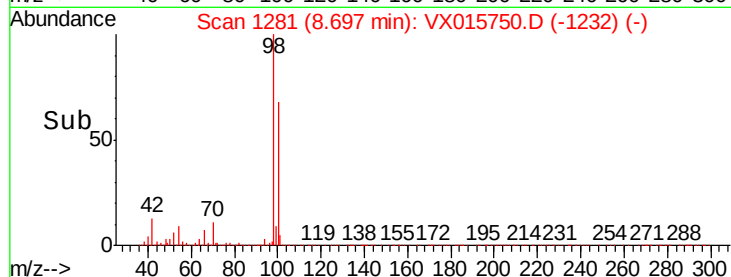
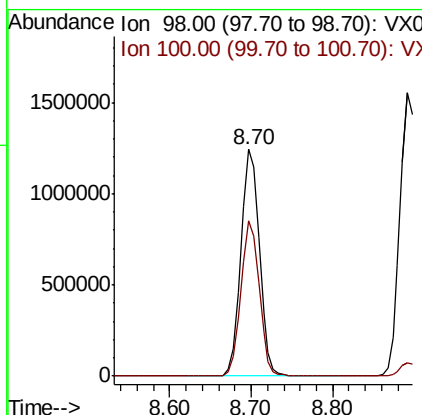
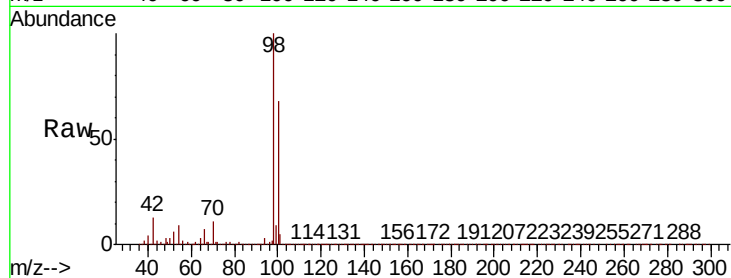




#50
Toluene-d8
Concen: 50.646 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

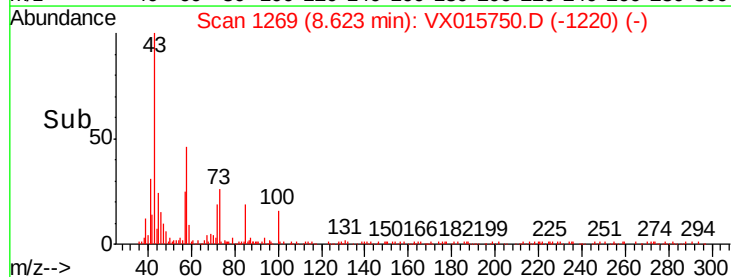
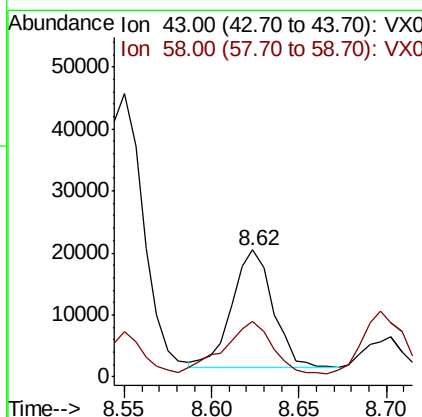
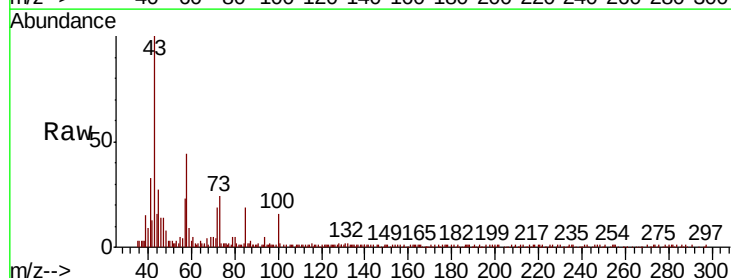
Instrument :
MSVOA_X
ClientSampleId :

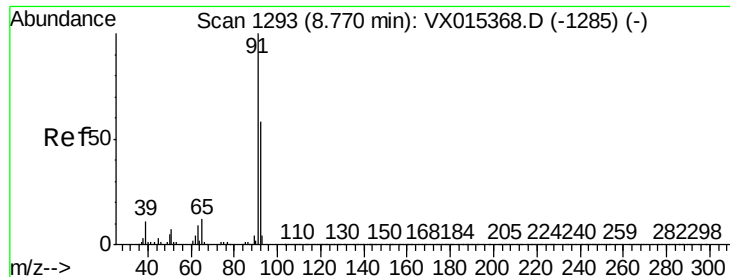
Tot Ion: 98 Resp: 1938129
Ion Ratio Lower Upper
98 100
100 67.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 1.668 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 43 Resp: 31121
Ion Ratio Lower Upper
43 100
58 53.1 29.7 44.5#





#52

Toluene

Concen: 62.171 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

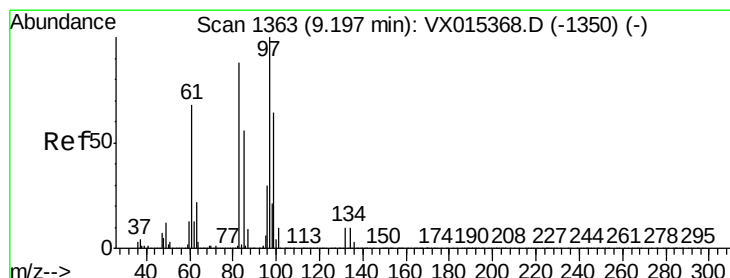
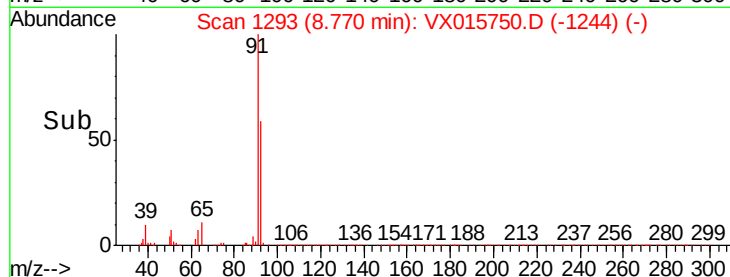
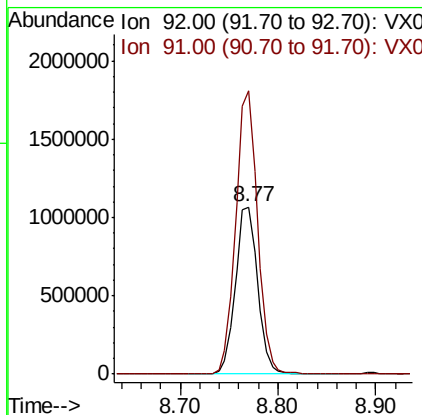
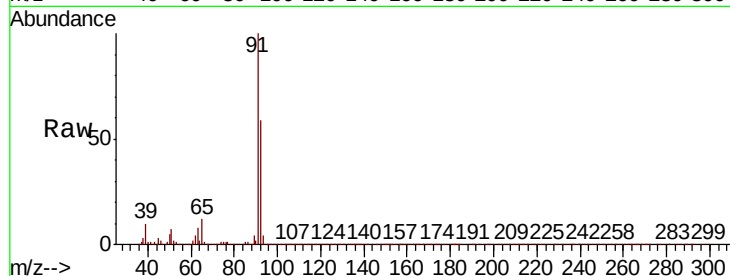
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 1682157

Ion Ratio Lower Upper

92 100

91 166.7 136.6 205.0



#55

1,1,2-Trichloroethane

Concen: 59.647 ug/l

RT: 9.06 min Scan# 1341

Delta R.T. -0.13 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Tgt Ion: 97 Resp: 661213

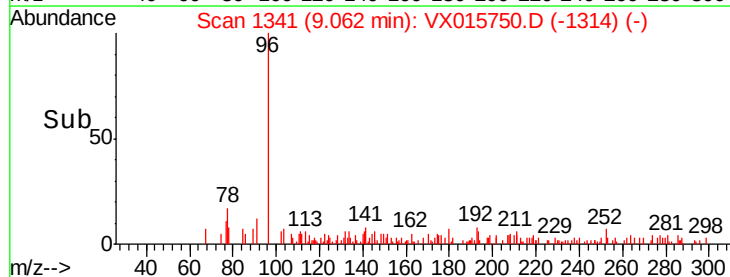
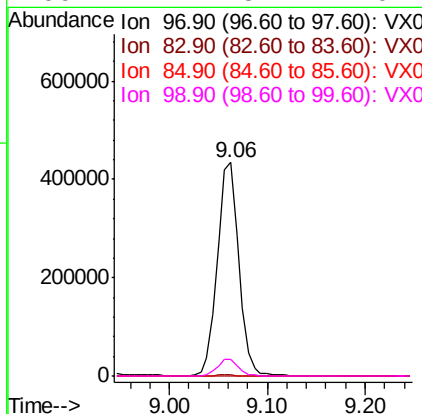
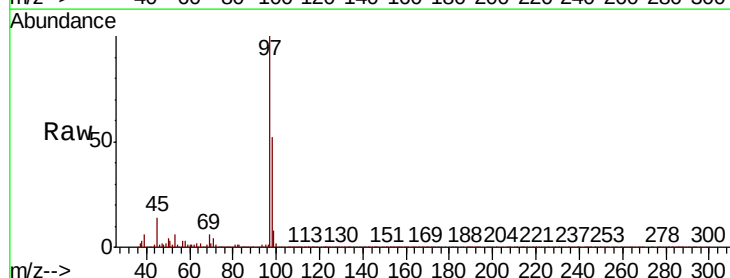
Ion Ratio Lower Upper

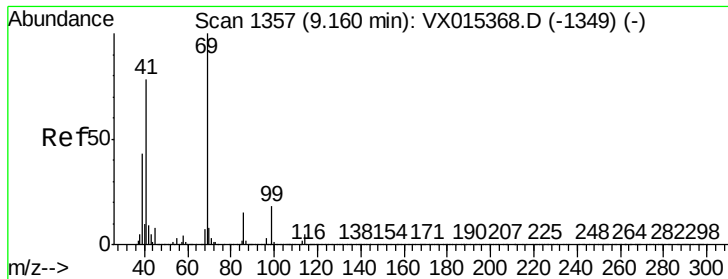
97 100

83 0.5 70.2 105.4#

85 0.1 44.7 67.1#

99 7.7 51.1 76.7#





#56

Ethyl methacrylate

Concen: 2.150 ug/l

RT: 9.06 min Scan# 1340

Delta R.T. -0.10 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

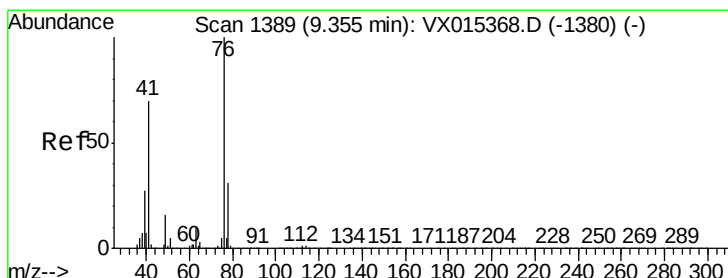
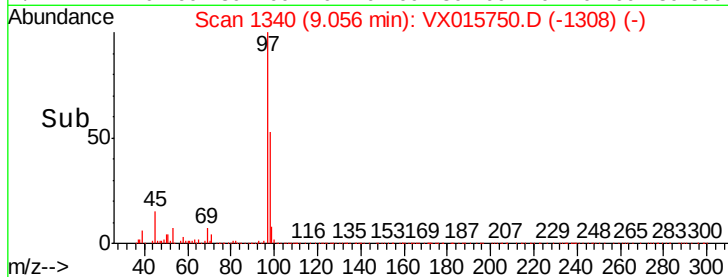
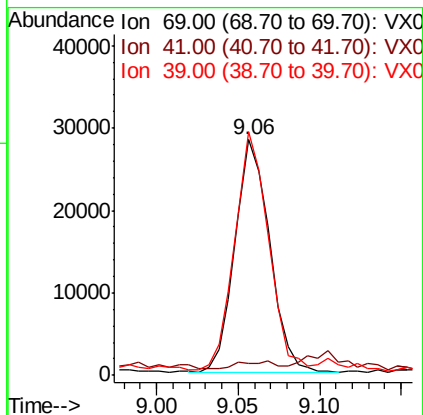
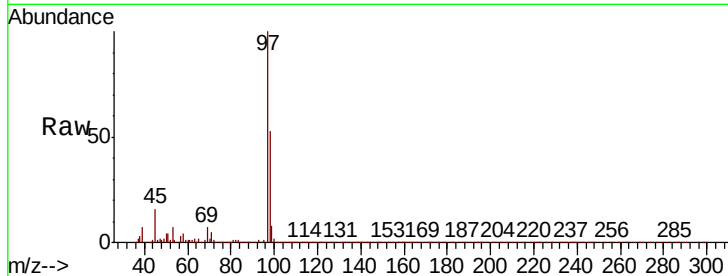
Tot Ion: 69 Resp: 42002

Ion Ratio Lower Upper

69 100

41 3.1 61.6 92.4#

39 99.2 34.0 51.0#



#57

1,3-Dichloropropane

Concen: 1.041 ug/l

RT: 9.61 min Scan# 1430

Delta R.T. 0.25 min

Lab File: VX015750.D

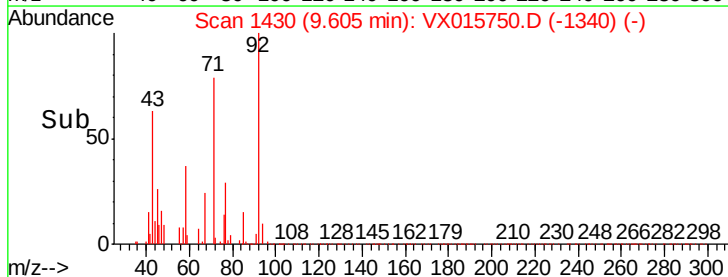
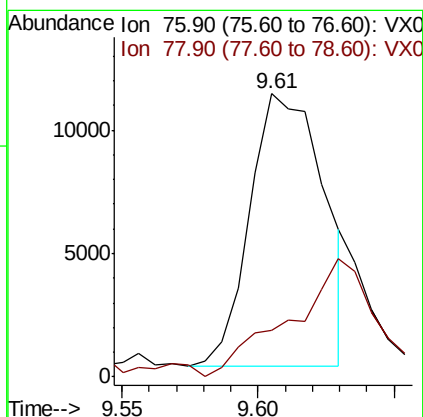
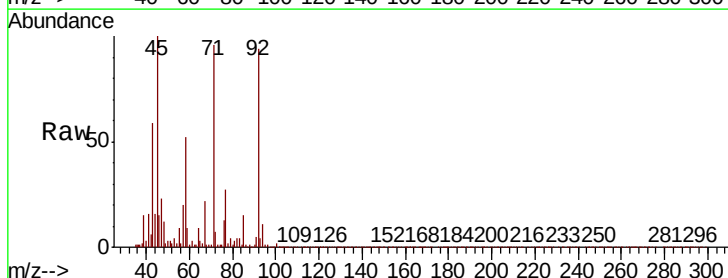
Acq: 17 Apr 2020 19:48

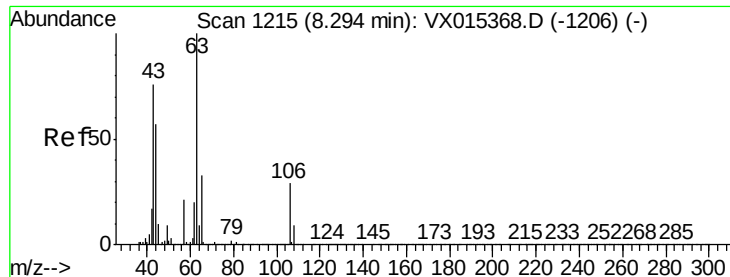
Tgt Ion: 76 Resp: 20788

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#

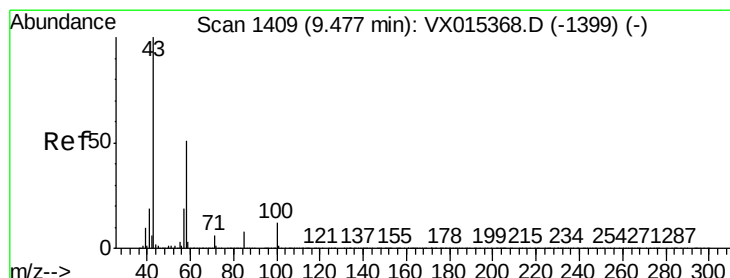
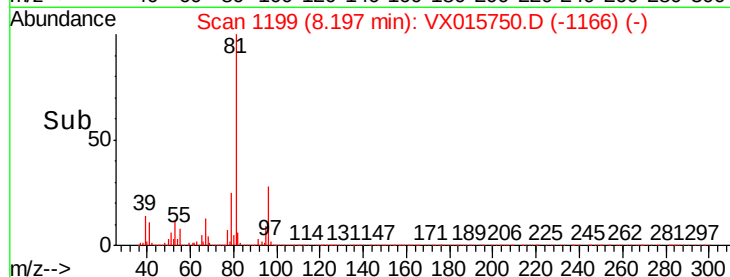
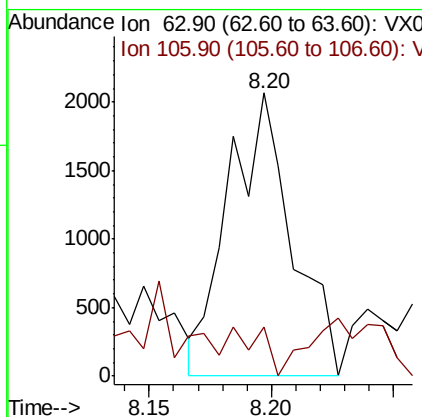
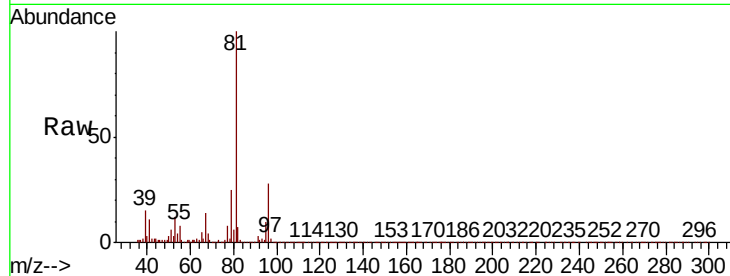




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.393 ug/l
 RT: 8.20 min Scan# 1199
 Delta R.T. -0.10 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

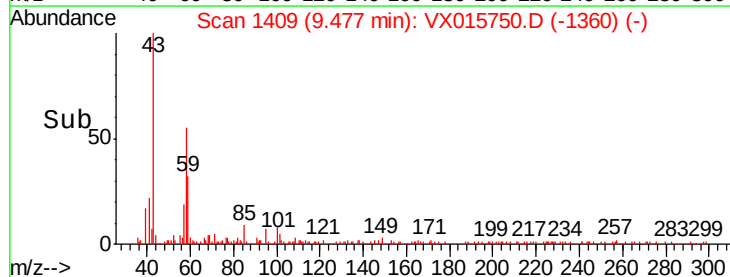
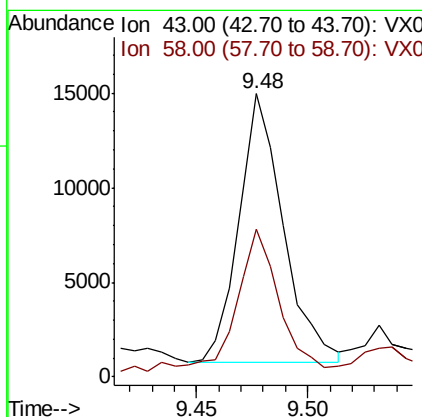
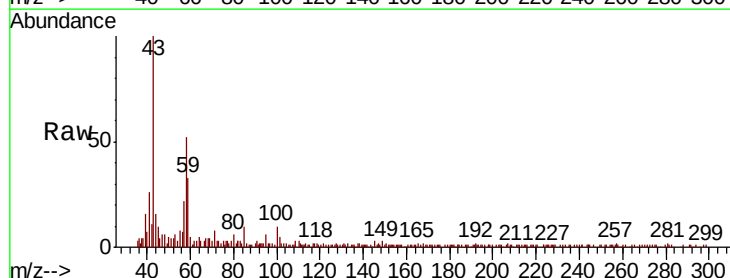
Instrument :
 MSVOA_X
 ClientSampleId :

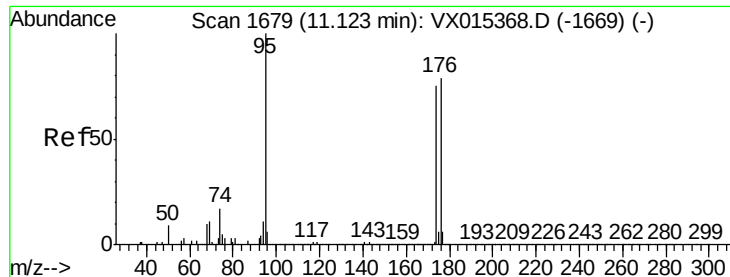
Tot Ion: 63 Resp: 3732
 Ion Ratio Lower Upper
 63 100
 106 8.9 22.7 34.1#



#59
 2-Hexanone
 Concen: 1.407 ug/l
 RT: 9.48 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: VX015750.D
 Acq: 17 Apr 2020 19:48

Tgt Ion: 43 Resp: 19823
 Ion Ratio Lower Upper
 43 100
 58 50.2 25.6 76.6

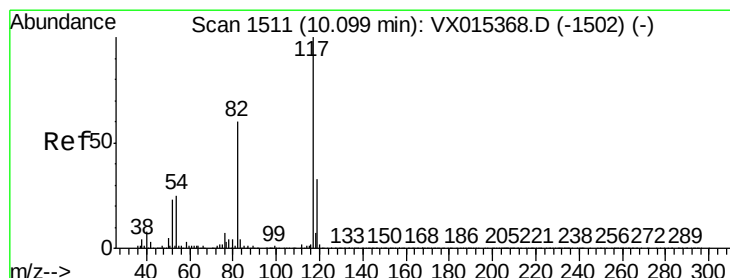
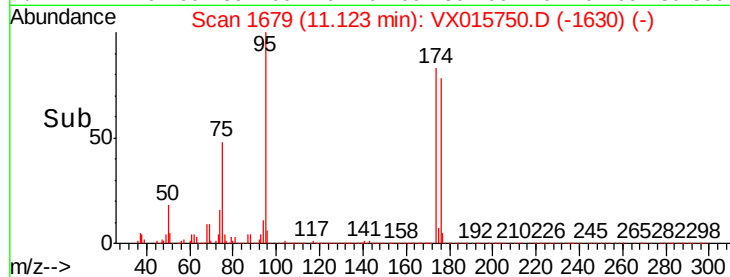
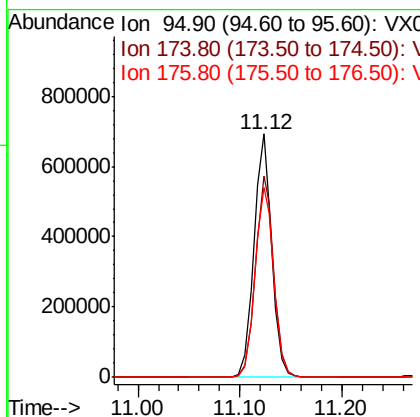
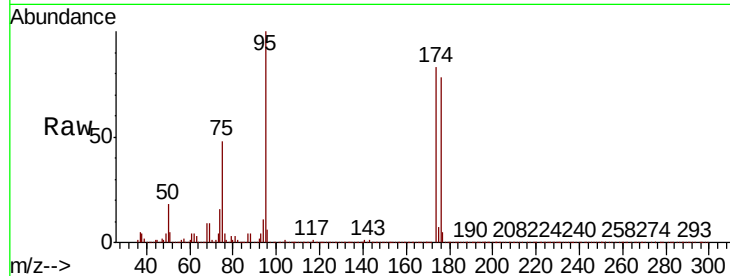




#62
4-Bromofluorobenzene
Concen: 54.573 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

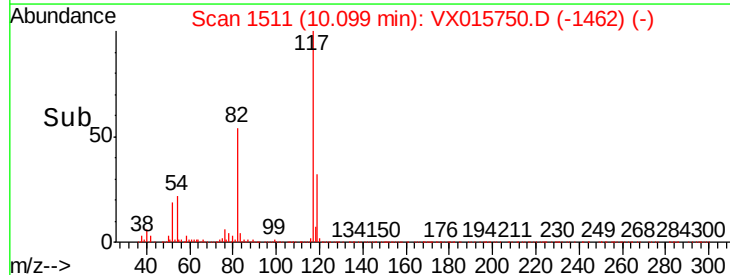
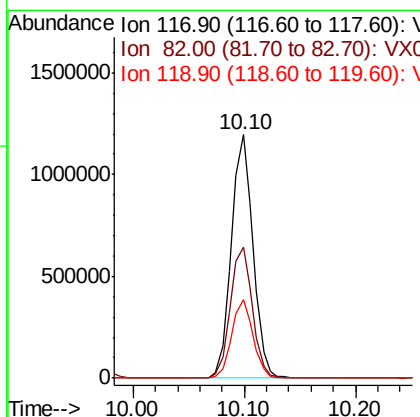
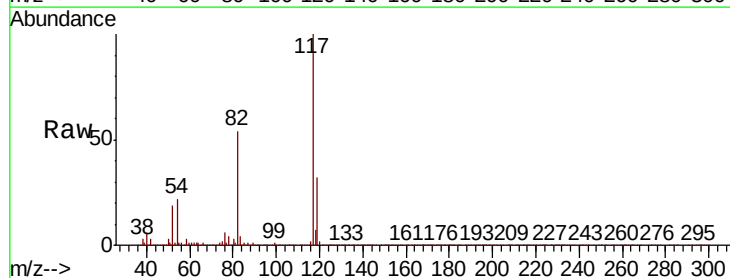
Instrument :
MSVOA_X
ClientSampleId :

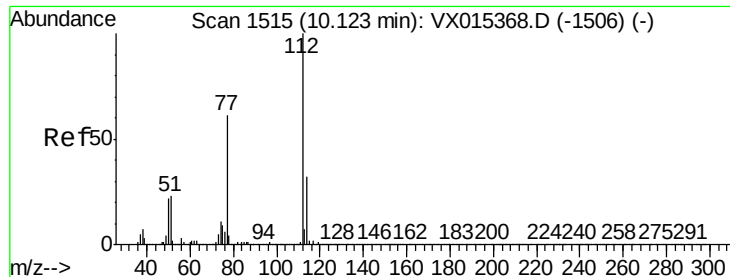
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	158.6
176	82.5	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.8	71.8
119	32.1	26.8	40.2

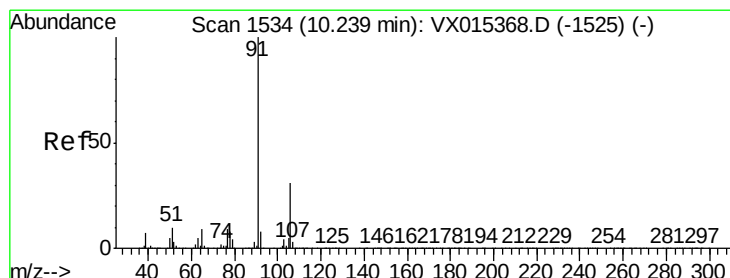
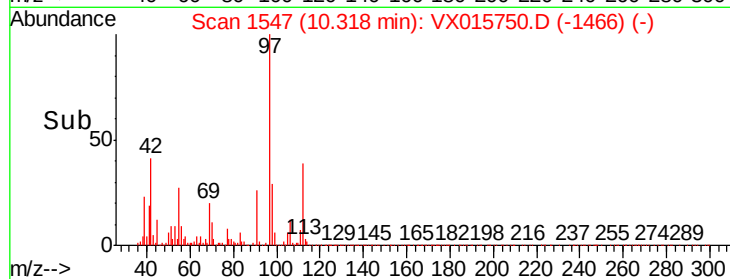
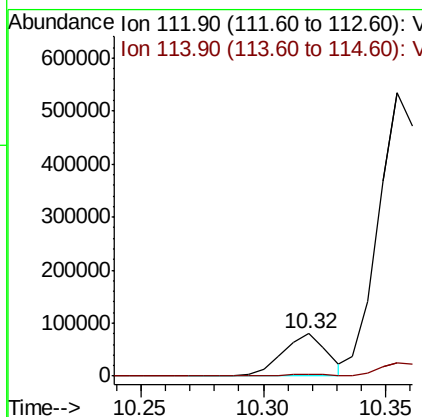
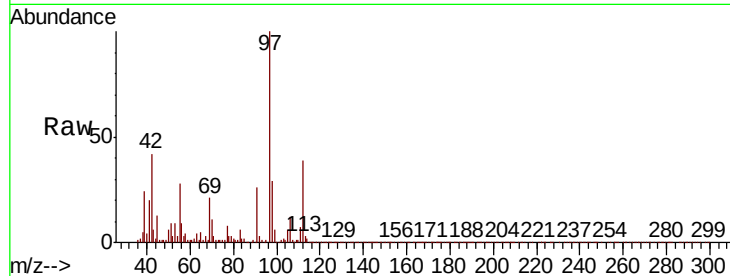




#65
Chlorobenzene
Concen: 3.147 ug/l
RT: 10.32 min Scan# 1547
Delta R.T. 0.20 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

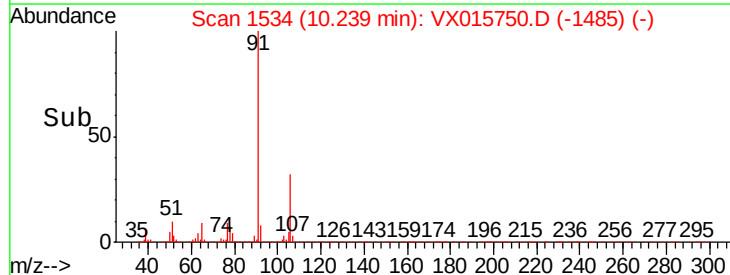
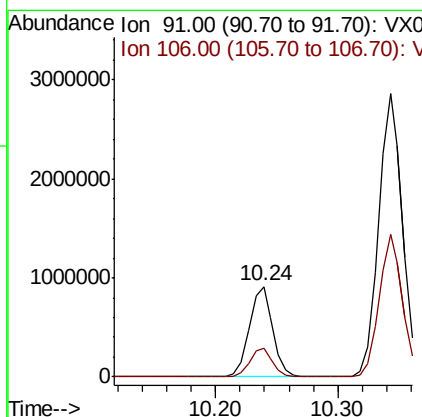
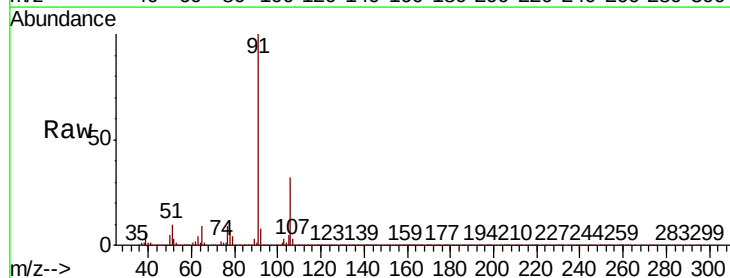
Instrument :
MSVOA_X
ClientSampleId :

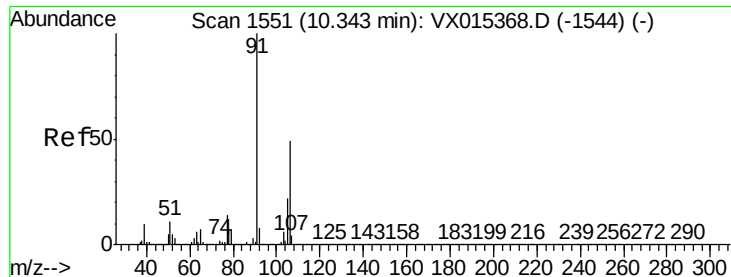
Tot Ion: 112 Resp: 100572
Ion Ratio Lower Upper
112 100
114 4.9 25.5 38.3#



#67
Ethyl Benzene
Concen: 21.362 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 91 Resp: 1210978
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2





#68

m/p-Xylenes

Concen: 90.842 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

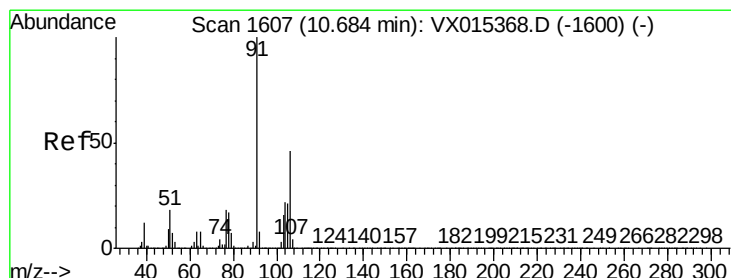
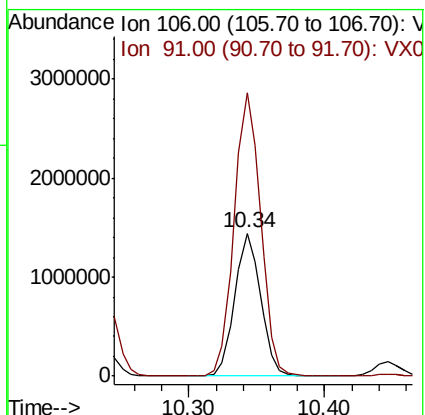
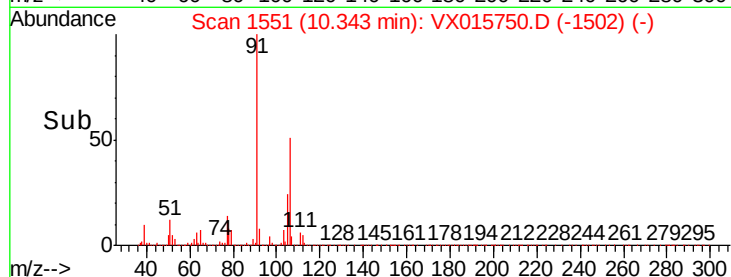
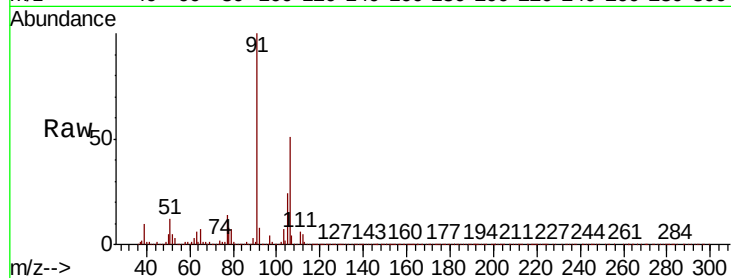
ClientSampleId :

Tot Ion:106 Resp: 1917551

Ion Ratio Lower Upper

106 100

91 202.3 163.4 245.0



#69

o-Xylene

Concen: 37.242 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015750.D

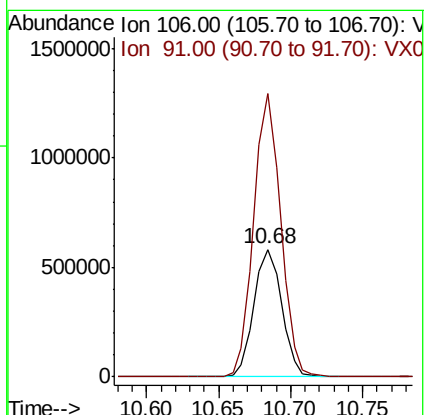
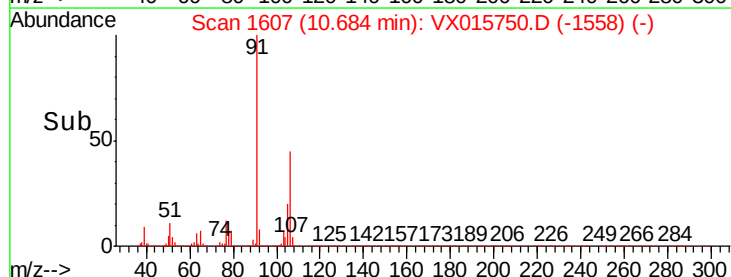
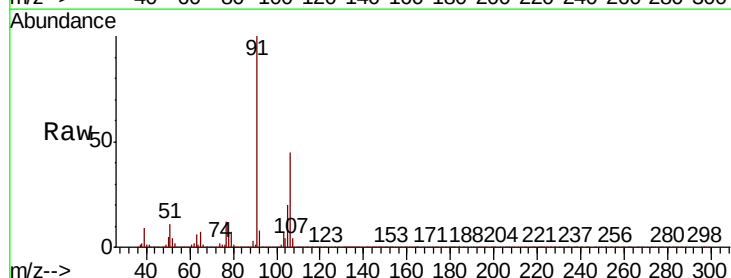
Acq: 17 Apr 2020 19:48

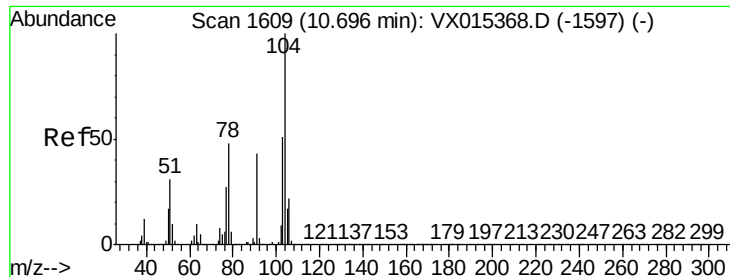
Tgt Ion:106 Resp: 776817

Ion Ratio Lower Upper

106 100

91 215.5 107.1 321.3

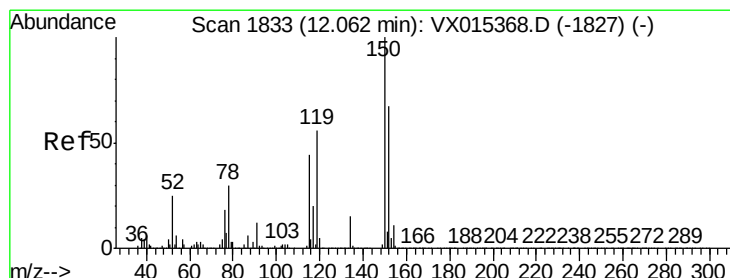
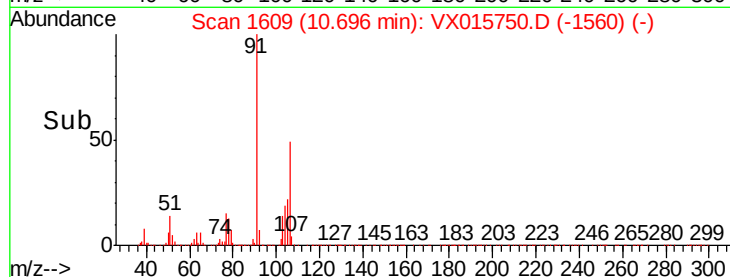
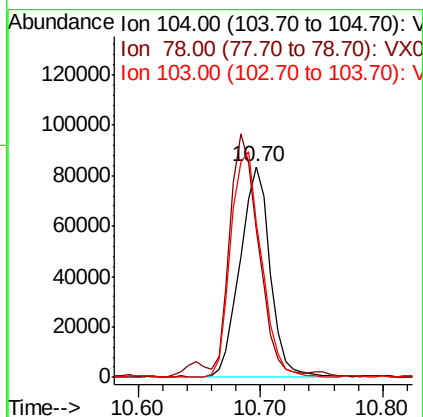
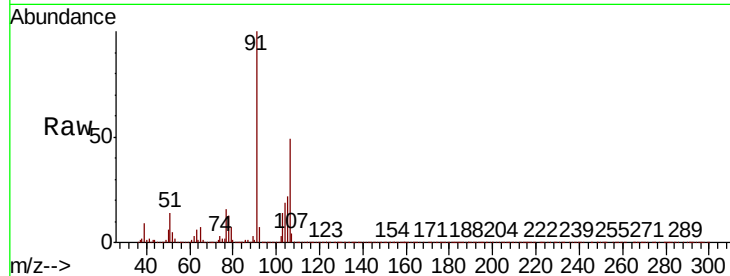




#70
Stvrene
Concen: 3.860 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

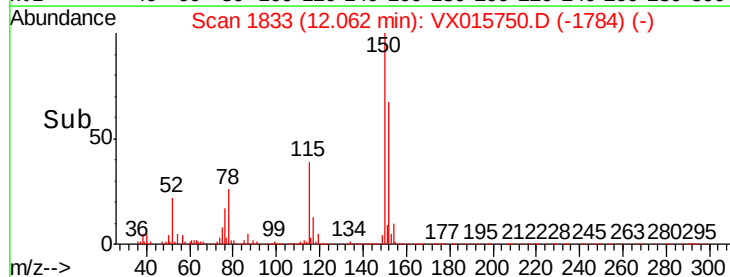
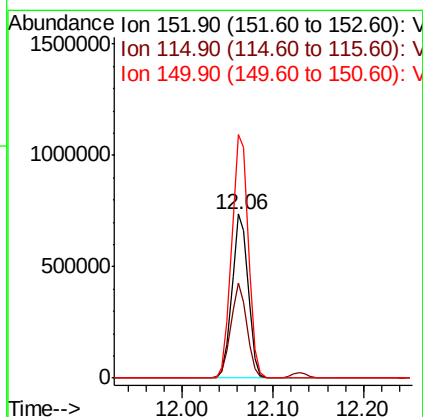
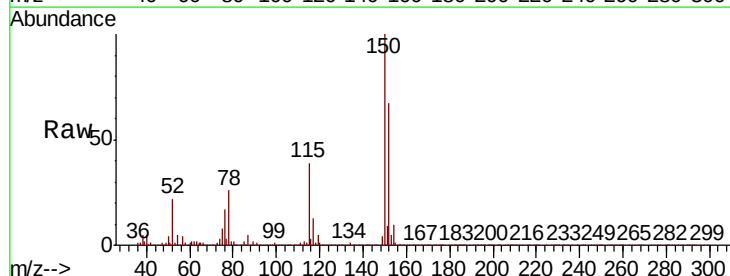
Instrument :
MSVOA_X
ClientSampleId :

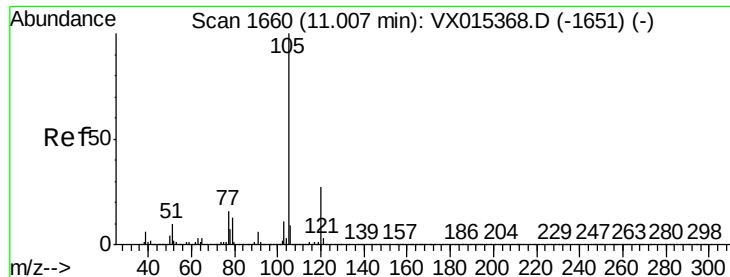
Tot Ion	Ratio	Lower	Upper
104	100		
78	106.5	42.0	63.0#
103	108.4	43.4	65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	39.0	116.9
150	152.8	0.0	340.8





#73

Isopropylbenzene

Concen: 0.496 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

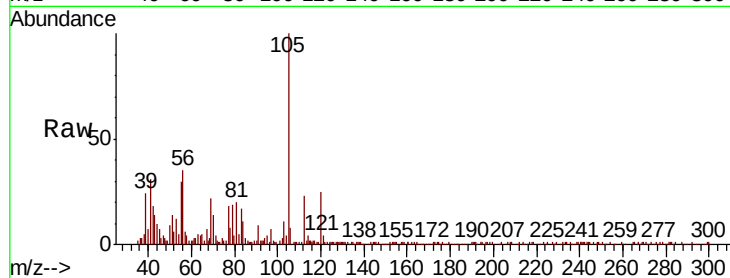
ClientSampled :

Tot Ion:105 Resp: 29477

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

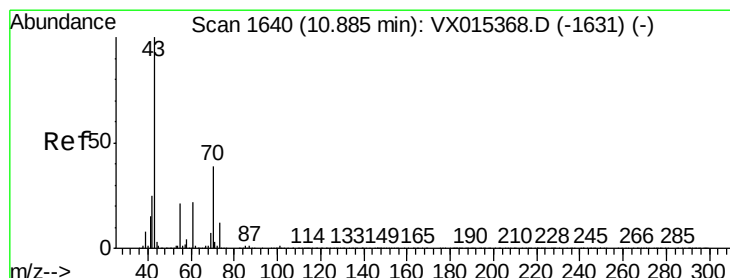
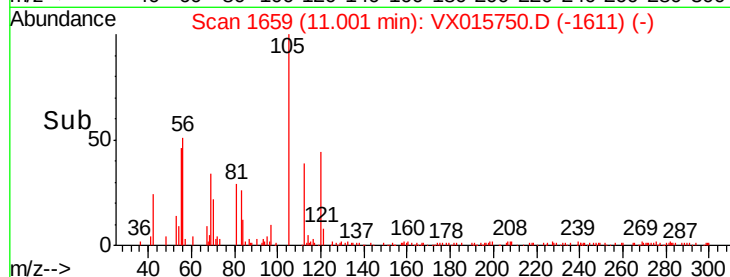
0

11.00

10.95

11.05

Time-->



#74

N-amyl acetate

Concen: 0.817 ug/l

RT: 10.94 min Scan# 1649

Delta R.T. 0.05 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Tgt Ion: 43 Resp: 26980

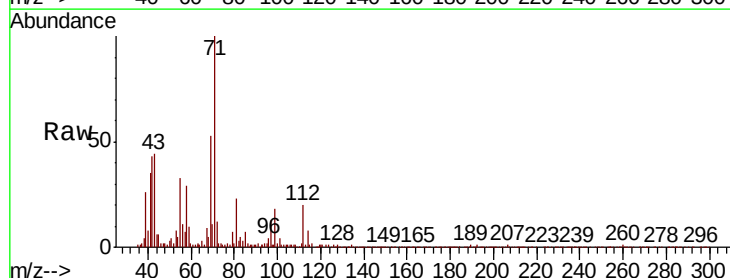
Ion Ratio Lower Upper

43 100

70 25.9 30.2 45.4#

55 70.4 16.8 25.2#

61 0.0 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

15000

10000

5000

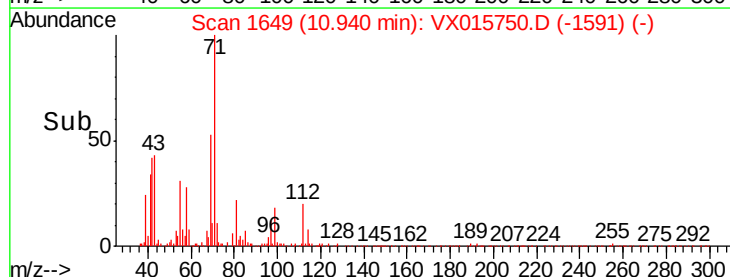
0

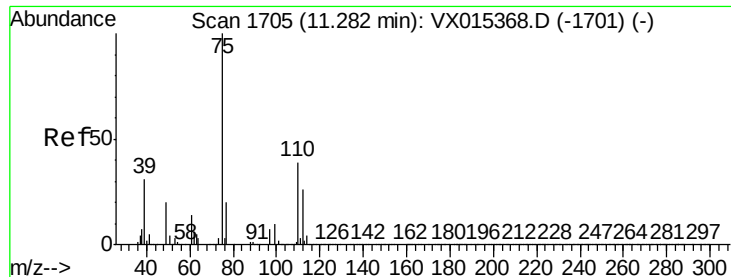
10.94

10.90

10.95

Time-->



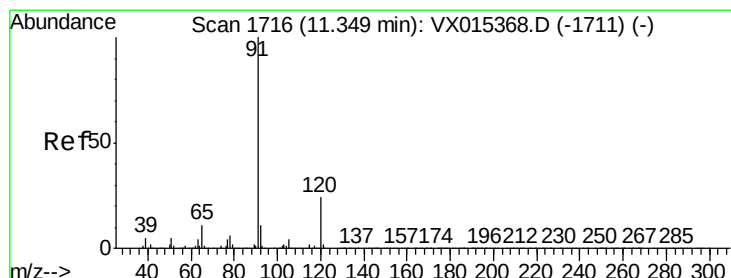
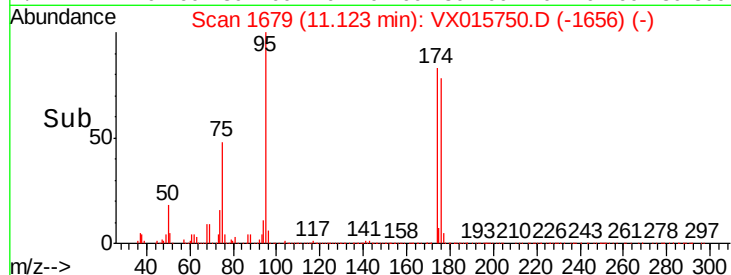
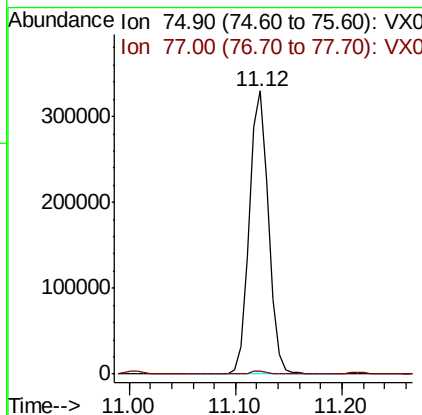
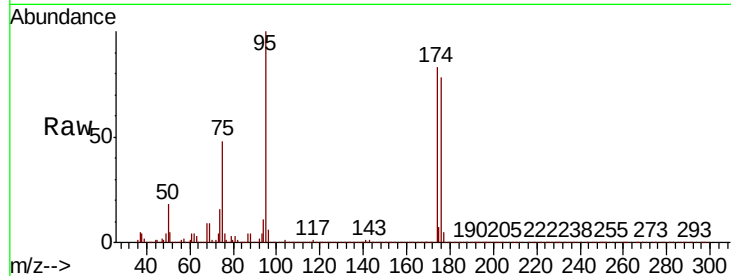


#76

1,2,3-Trichloropropane
Concen: 22.462 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Instrument :
MSVOA_X
ClientSampleId :

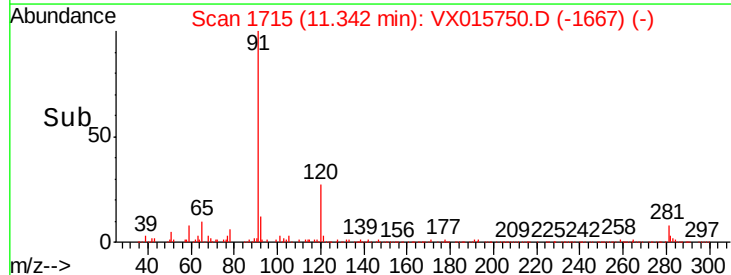
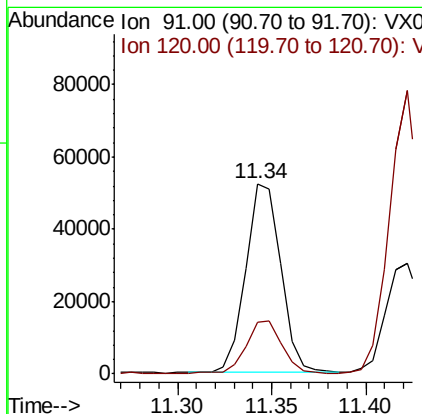
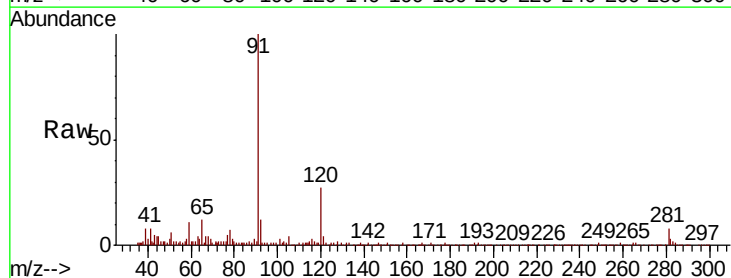
Tot Ion: 75 Resp: 418551
Ion Ratio Lower Upper
75 100
77 1.1 21.2 63.6#

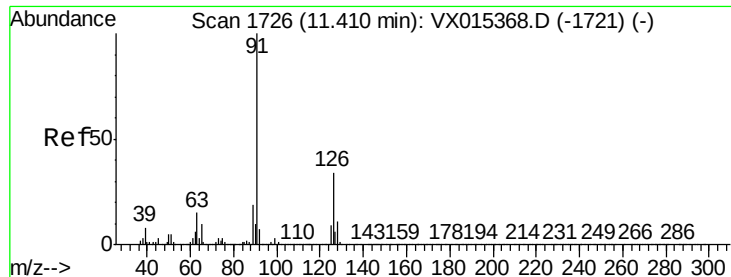


#78

n-propylbenzene
Concen: 0.998 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 91 Resp: 67721
Ion Ratio Lower Upper
91 100
120 27.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 1.267 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

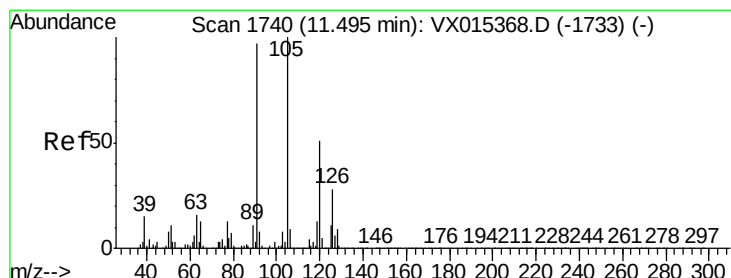
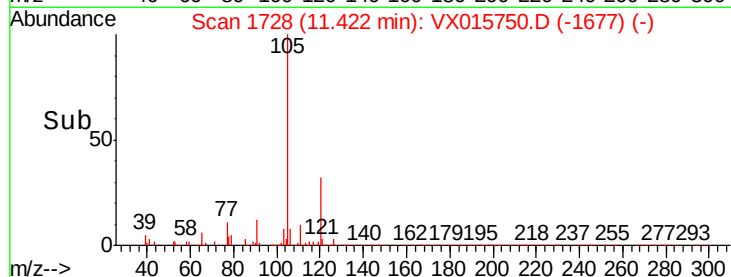
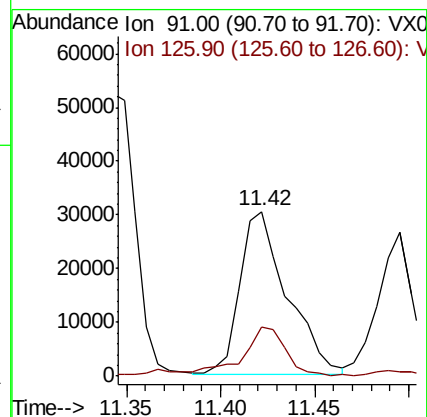
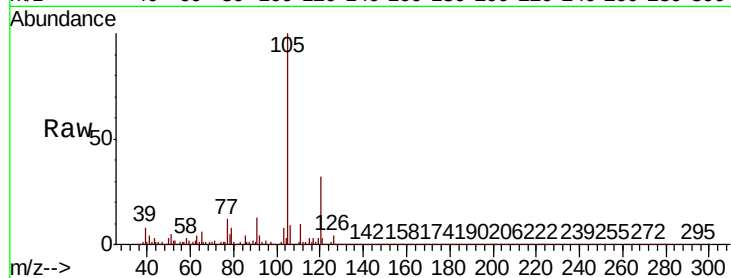
ClientSampleId :

Tot Ion: 91 Resp: 52725

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#



#80

1,3,5-Trimethylbenzene

Concen: 5.711 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015750.D

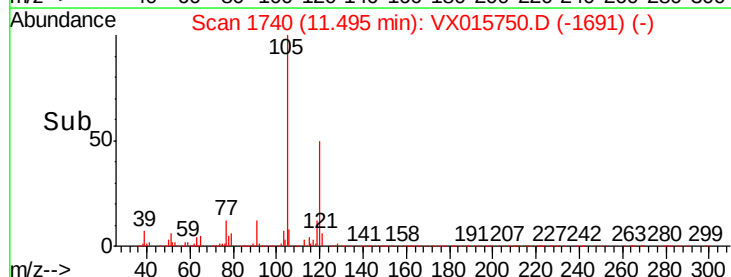
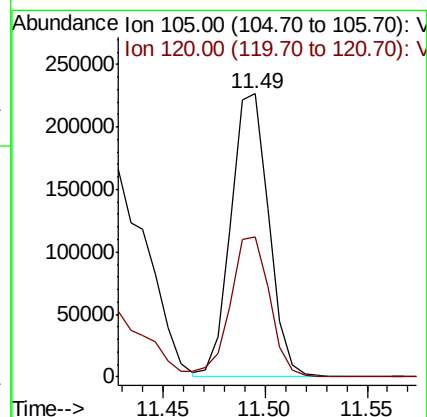
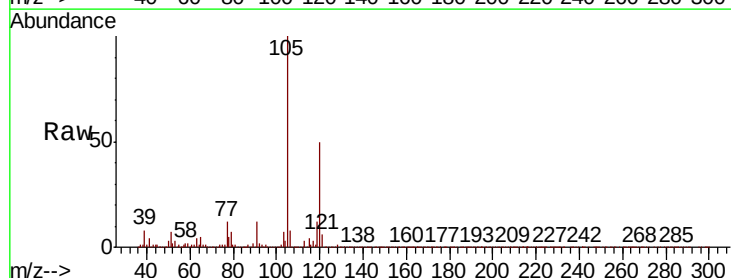
Acq: 17 Apr 2020 19:48

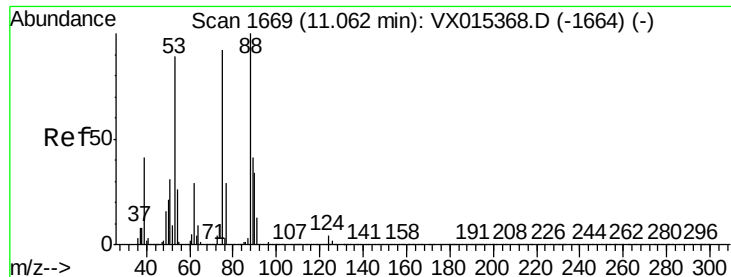
Tgt Ion: 105 Resp: 289563

Ion Ratio Lower Upper

105 100

120 51.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.897 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

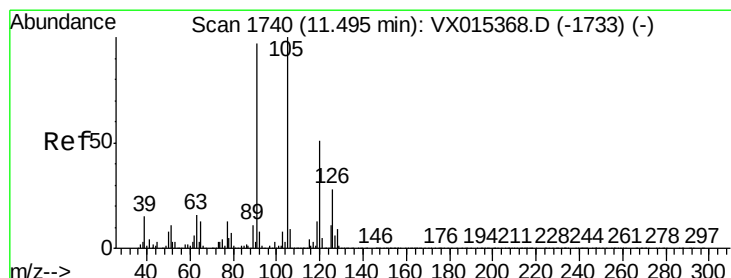
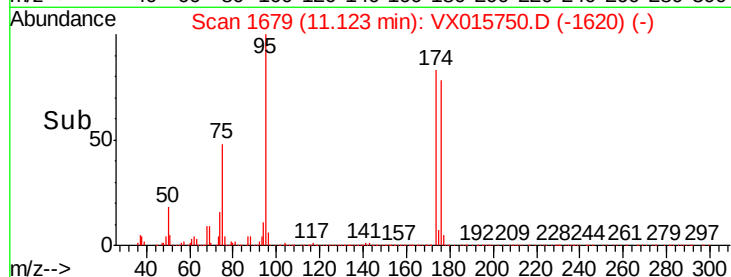
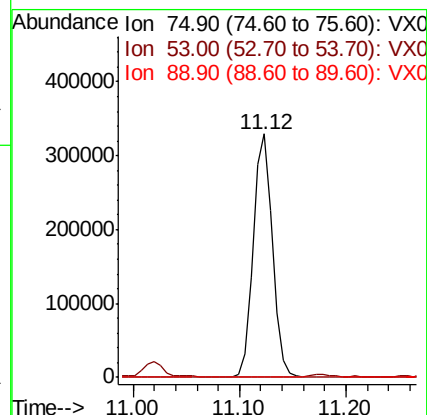
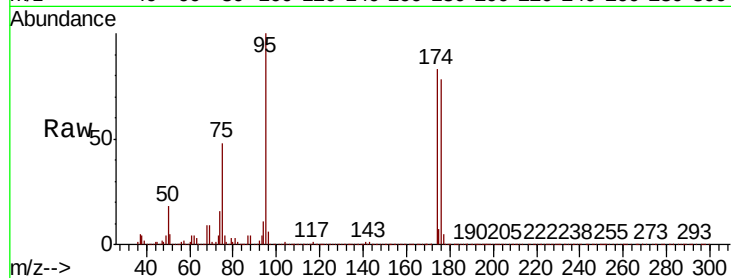
Tot Ion: 75 Resp: 418551

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.2 36.1 54.1#



#82

4-Chlorotoluene

Concen: 0.666 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015750.D

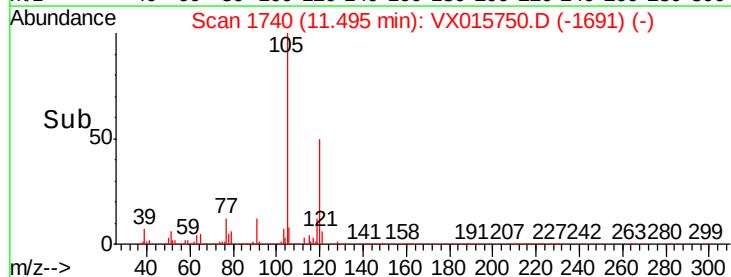
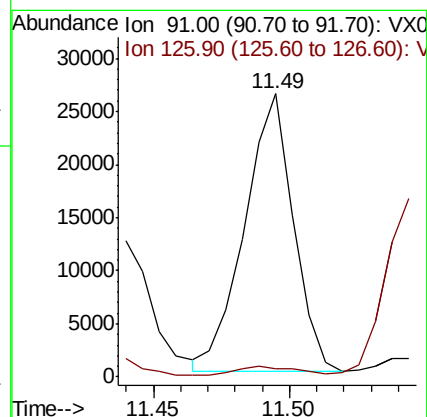
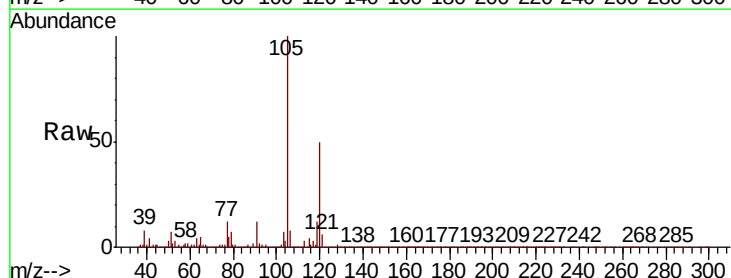
Acq: 17 Apr 2020 19:48

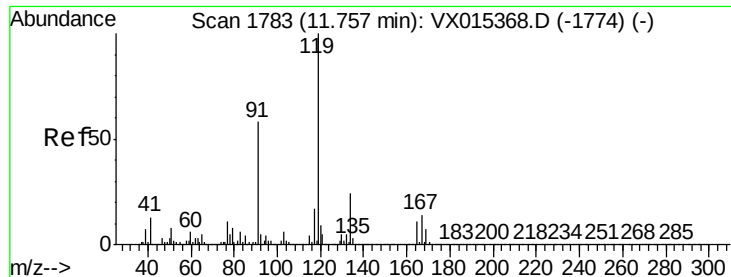
Tgt Ion: 91 Resp: 32499

Ion Ratio Lower Upper

91 100

126 0.0 14.7 44.1#





#83

tert-Butylbenzene

Concen: 2.550 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VX015750.D

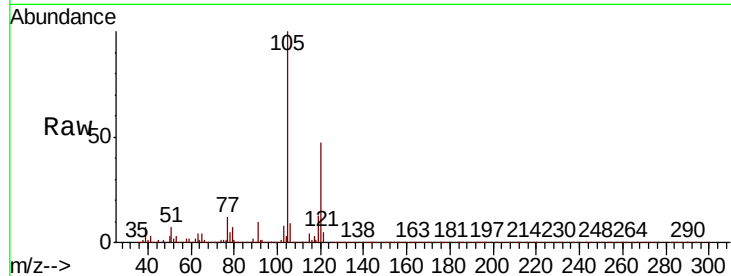
Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampled :

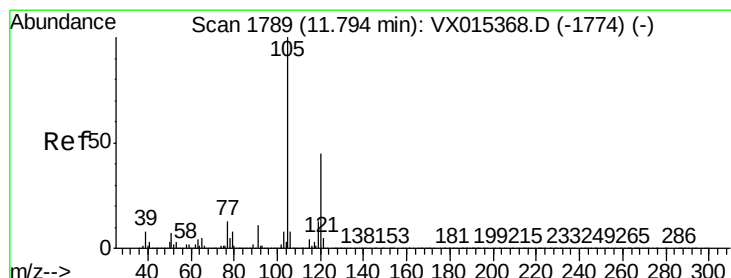
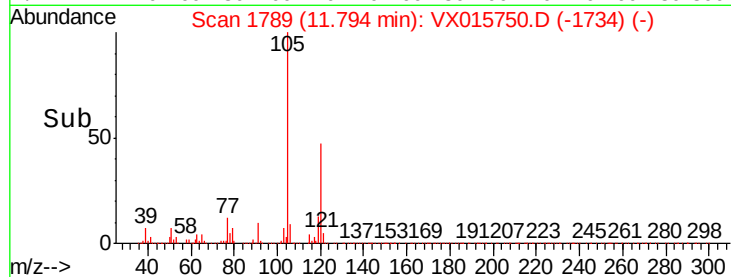
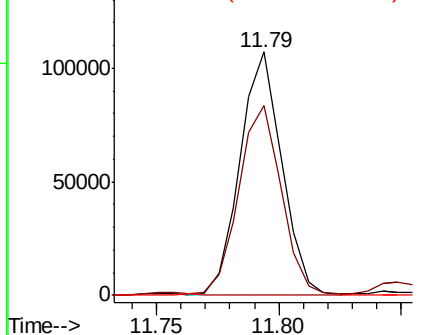
Tot Ion:	119	Resp:	126287
Ion	Ratio	Lower	Upper
119	100		
91	80.5	28.6	85.8
134	0.0	11.8	35.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.790 ug/l

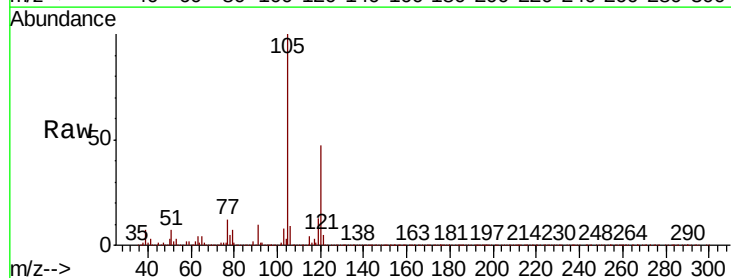
RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015750.D

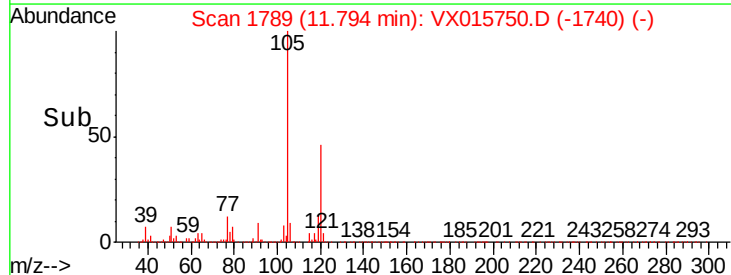
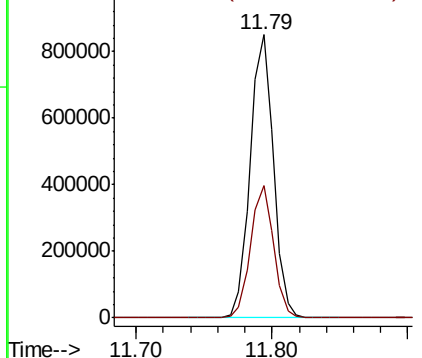
Acq: 17 Apr 2020 19:48

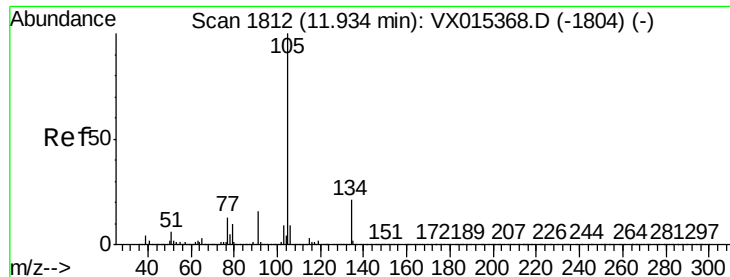
Tgt Ion:	105	Resp:	1022576
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.852 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.14 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

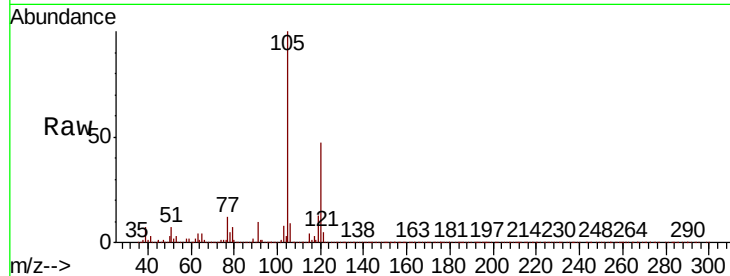
ClientSampleId :

Tot Ion:105 Resp: 1022576

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.79

800000

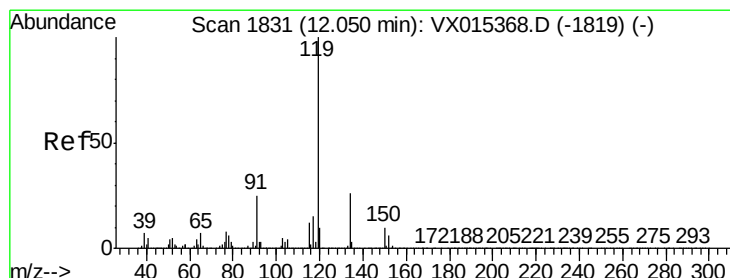
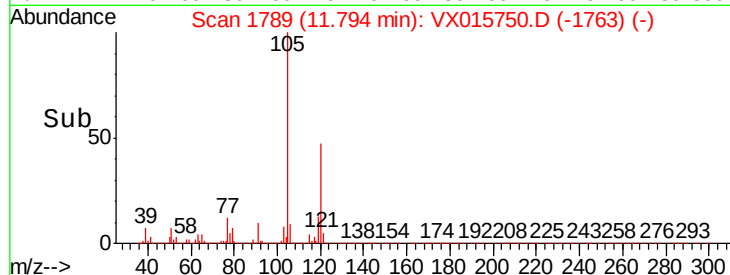
600000

400000

200000

0

Time--> 11.70 11.80



#86

p-Isopropyltoluene

Concen: 3.492 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

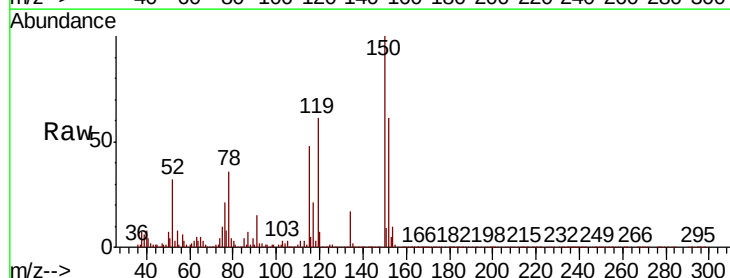
Tgt Ion:119 Resp: 185668

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.3 12.4 37.4



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

200000

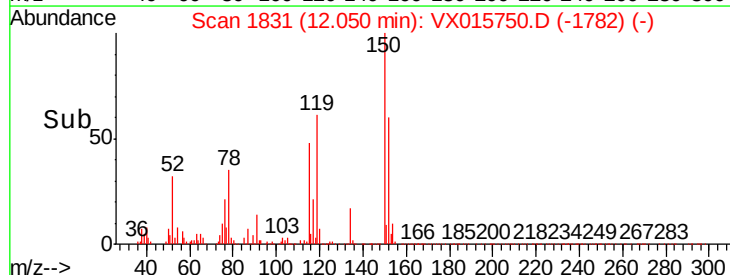
150000

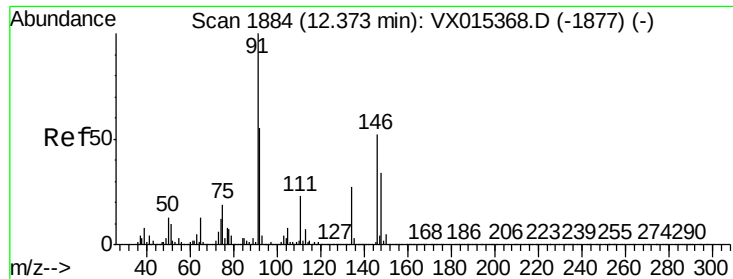
100000

50000

0

Time--> 12.00 12.05 12.10

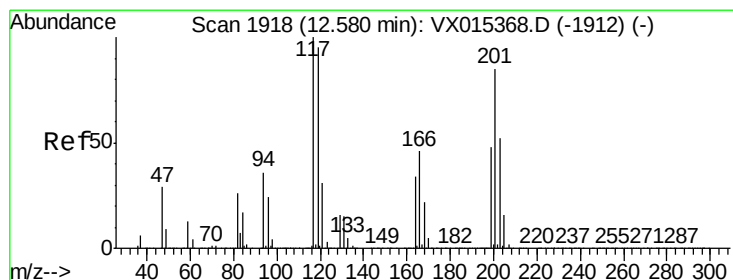
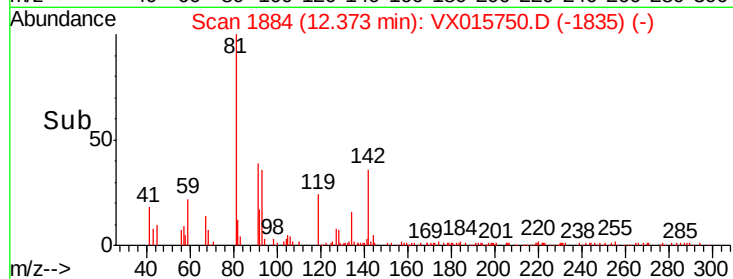
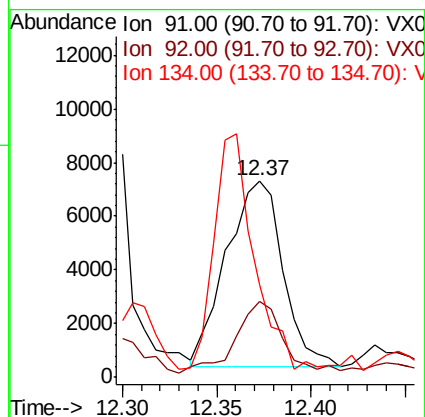
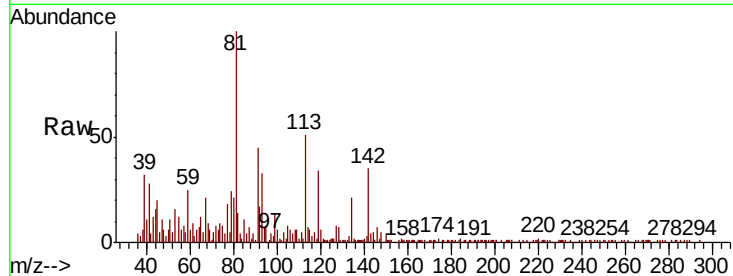




#89
n-Butylbenzene
Concen: 0.301 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

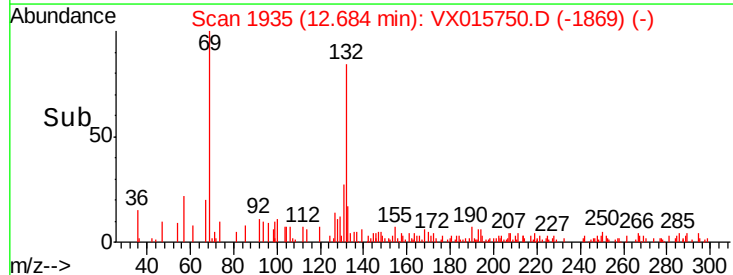
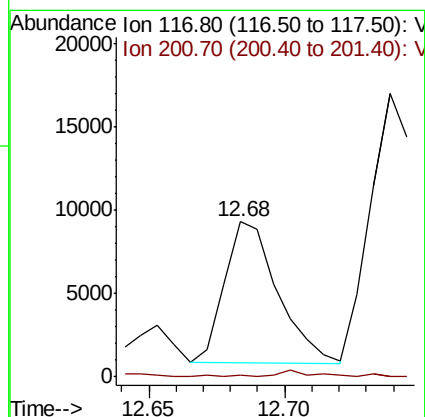
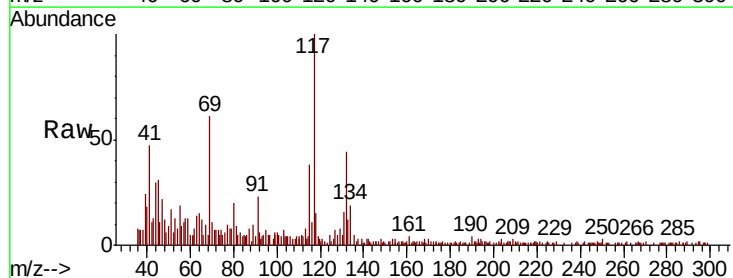
Instrument :
MSVOA_X
ClientSampled :

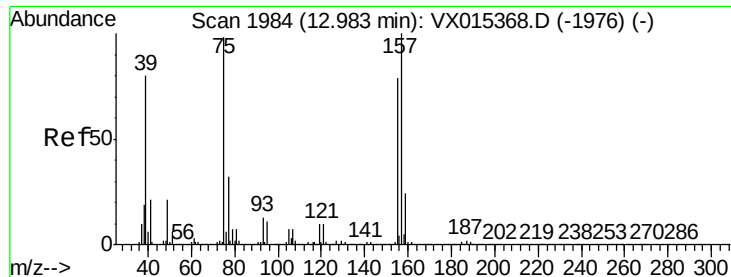
Tot Ion: 91 Resp: 14470
Ion Ratio Lower Upper
91 100
92 31.6 27.2 81.5
134 95.6 13.4 40.2#



#90
Hexachloroethane
Concen: 1.109 ug/l
RT: 12.68 min Scan# 1935
Delta R.T. 0.10 min
Lab File: VX015750.D
Acq: 17 Apr 2020 19:48

Tgt Ion: 117 Resp: 11474
Ion Ratio Lower Upper
117 100
201 0.6 42.6 128.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.491 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VX015750.D

Acq: 17 Apr 2020 19:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 8573

Ion Ratio Lower Upper

75 100

155 9.2 42.8 128.4#

157 5.9 53.4 160.3#

