

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015774.D
 Acq On : 20 Apr 2020 18:28
 Operator : JC/SP
 Sample : L2341-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 07:59:24 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	1109378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1694928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1655614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	860328	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	658054	42.06	ug/l	0.00
Spiked Amount			Recovery	=	84.12%	
35) Dibromofluoromethane	5.47	113	530421	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.70	98	2036515	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.12	95	878340	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	659	Below Cal		96
6) Chloroethane	1.72	64	3475	0.490	ug/l #	48
8) Diethyl Ether	2.17	74	2253	0.348	ug/l #	1
10) Methyl Iodide	2.49	142	2800	0.208	ug/l #	83
11) Tert butyl alcohol	3.00	59	40201	10.734	ug/l #	86
13) Acrolein	2.26	56	1259	0.590	ug/l #	67
16) Acetone	2.42	43	624672	92.928	ug/l	97
17) Carbon Disulfide	2.55	76	202196	6.328	ug/l	99
18) Methyl Acetate	2.75	43	15993	0.932	ug/l	96
20) Methylene Chloride	2.84	84	114215	9.096	ug/l	95
25) 2-Butanone	4.64	43	267351	24.730	ug/l	96
29) Tetrahydrofuran	5.12	42	11158	1.606	ug/l #	39
36) 1,1-Dichloropropene	5.63	75	75690	4.847	ug/l #	42
37) Ethyl Acetate	4.80	43	9479	0.466	ug/l #	82
38) Carbon Tetrachloride	5.63	117	100328	5.931	ug/l #	15
40) Benzene	6.12	78	13647	0.298	ug/l	99
43) Isopropyl Acetate	6.42	43	245292	7.146	ug/l	98
48) Methyl methacrylate	7.65	41	20018	1.168	ug/l #	19
49) 1,4-Dioxane	7.71	88	447	1.398	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	596560	30.666	ug/l #	85
52) Toluene	8.77	92	18487	0.655	ug/l	84
54) cis-1,3-Dichloropropene	8.59	75	85562	4.094	ug/l #	54
56) Ethyl methacrylate	9.07	69	18188	0.893	ug/l #	79
59) 2-Hexanone	9.48	43	26234	1.786	ug/l	85
67) Ethyl Benzene	10.24	91	12888	0.220	ug/l	100
70) Styrene	10.70	104	24856	0.656	ug/l	97
74) N-amyl acetate	10.93	43	14209	0.453	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	434430	24.555	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	434430	58.919	ug/l #	10
82) 4-Chlorotoluene	11.53	91	169163	3.652	ug/l #	45
83) tert-Butylbenzene	12.01	119	197746	4.205	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.79	105	17090	0.348	ug/l #	61
85) sec-Butylbenzene	11.90	105	40489	0.744	ug/l #	56
86) p-Isopropyltoluene	12.05	119	1233741	24.436	ug/l	94

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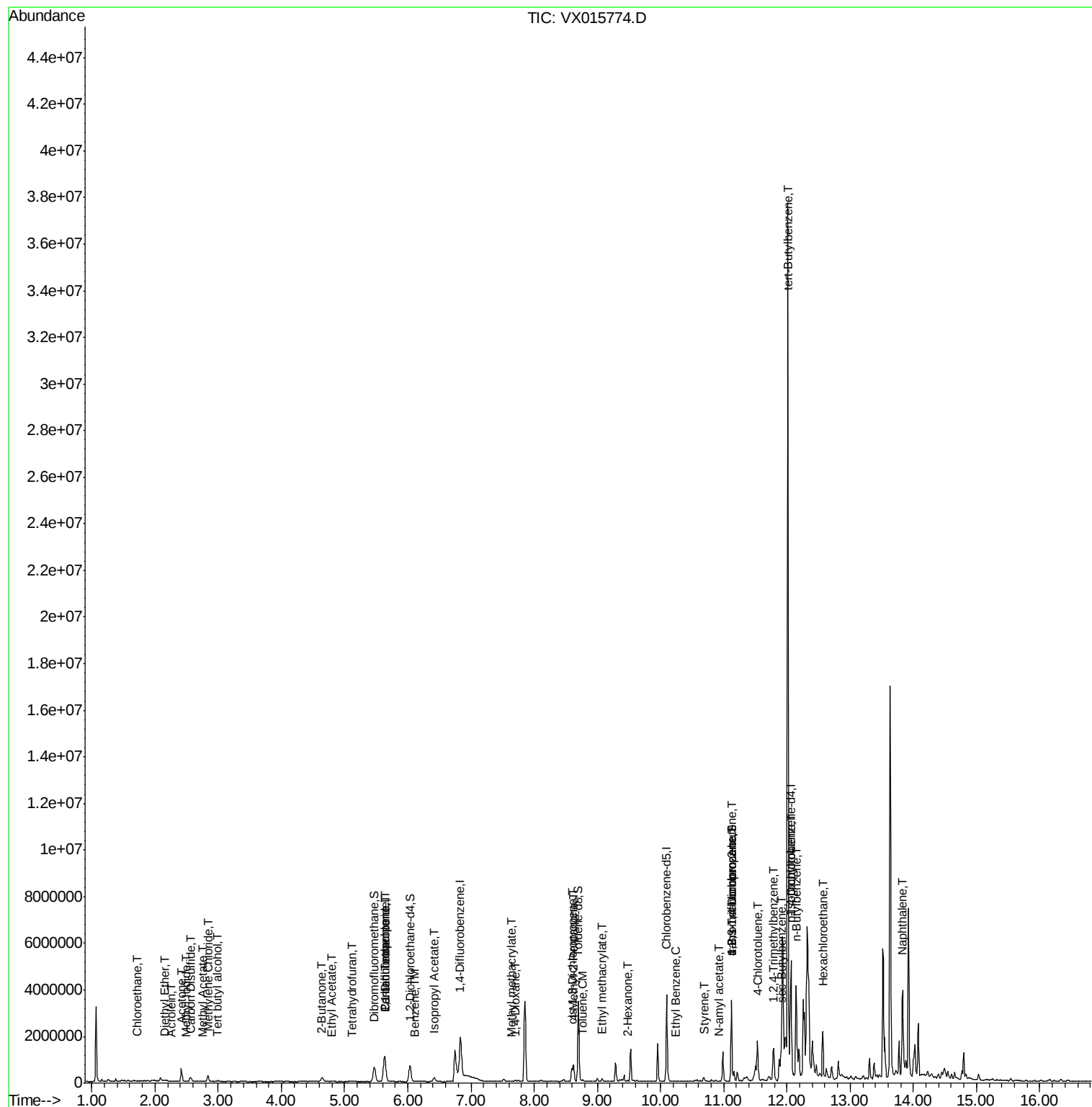
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.15	91	27883	0.611	ug/l	75
90) Hexachloroethane	12.57	117	10835	1.103	ug/l #	11
95) Naphthalene	13.82	128	12908	0.203	ug/l #	68

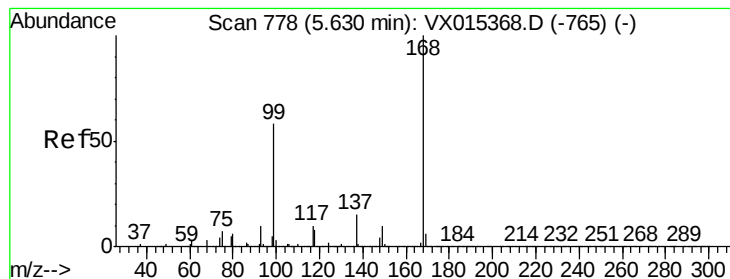
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

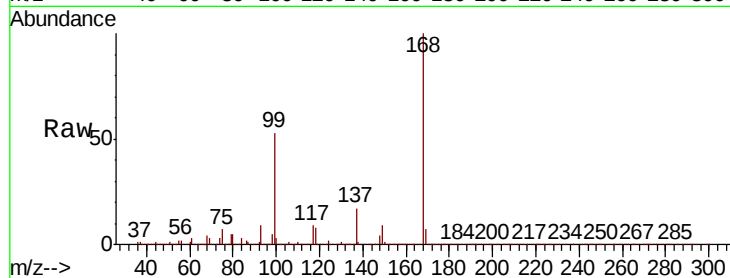
ClientSampleId :

Tot Ion:168 Resp: 1109378

Ion Ratio Lower Upper

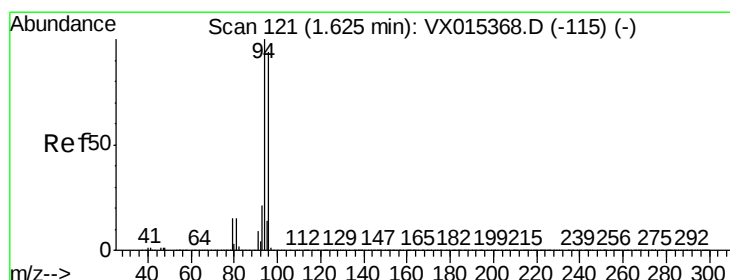
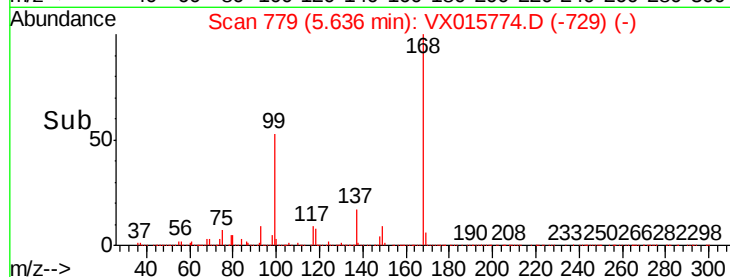
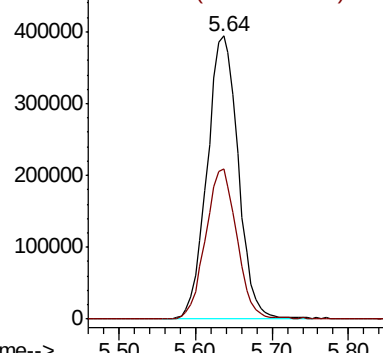
168 100

99 52.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015774.D

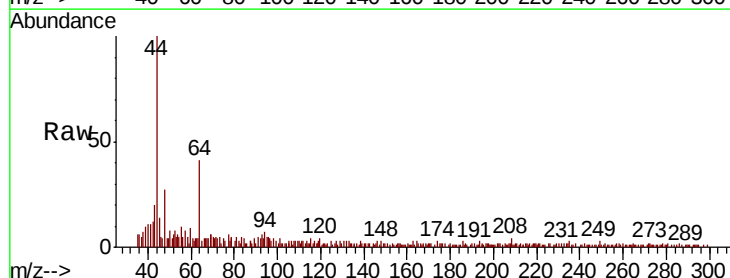
Acq: 20 Apr 2020 18:28

Tgt Ion: 94 Resp: 659

Ion Ratio Lower Upper

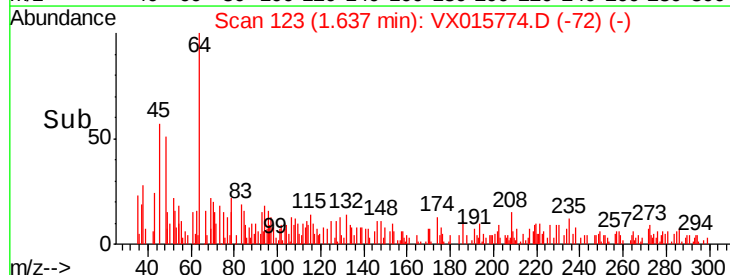
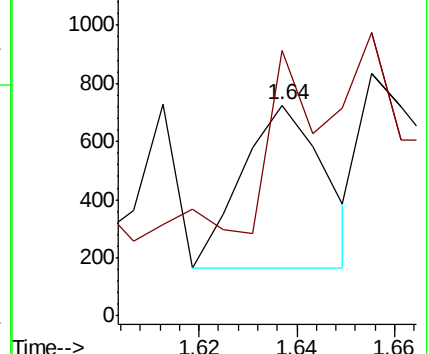
94 100

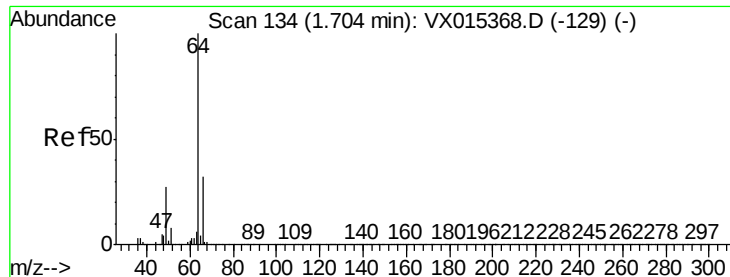
96 97.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.490 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

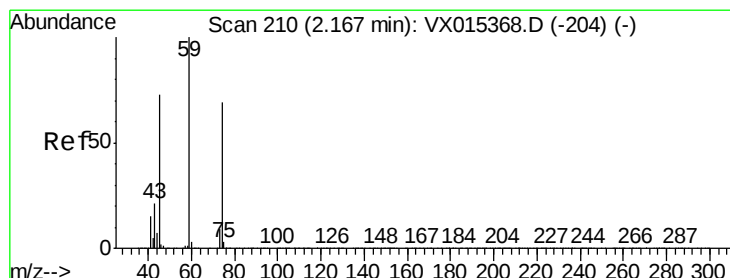
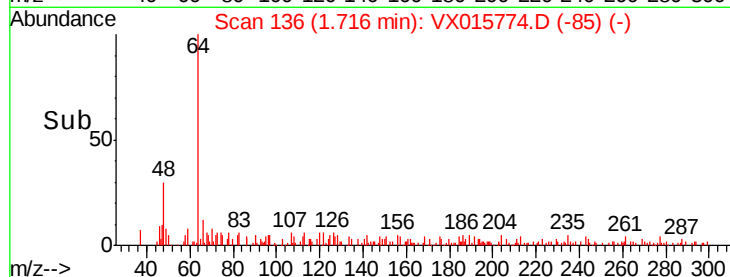
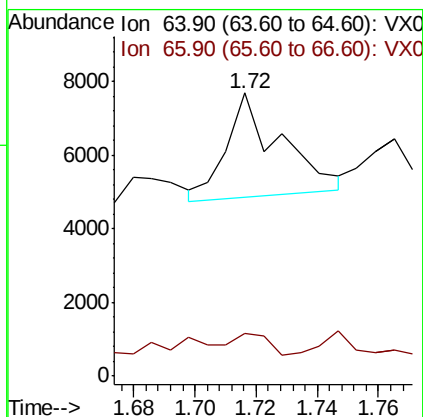
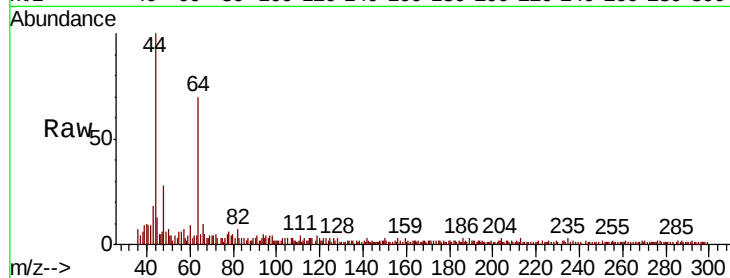
ClientSampleId :

Tot Ion: 64 Resp: 3475

Ion Ratio Lower Upper

64 100

66 2.9 25.4 38.2#



#8

Diethyl Ether

Concen: 0.348 ug/l

RT: 2.17 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015774.D

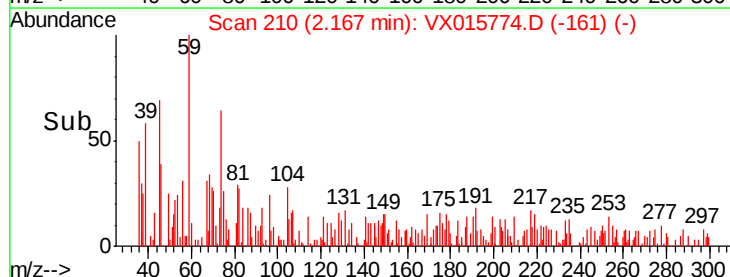
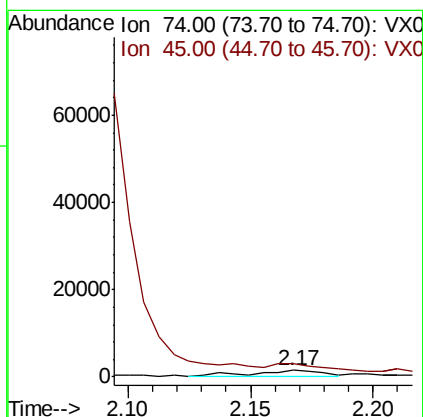
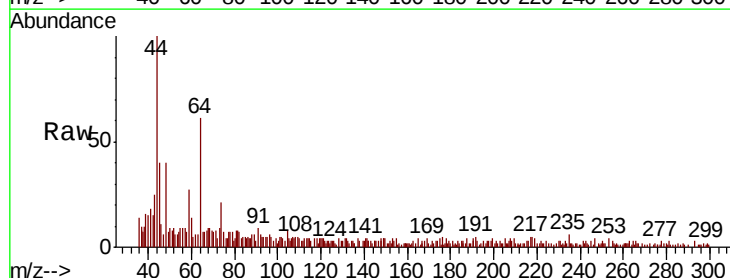
Acq: 20 Apr 2020 18:28

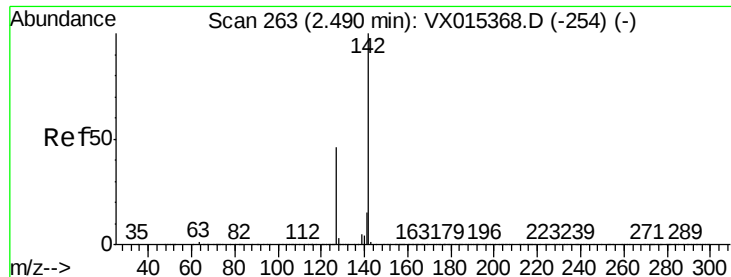
Tgt Ion: 74 Resp: 2253

Ion Ratio Lower Upper

74 100

45 0.0 53.8 161.4#

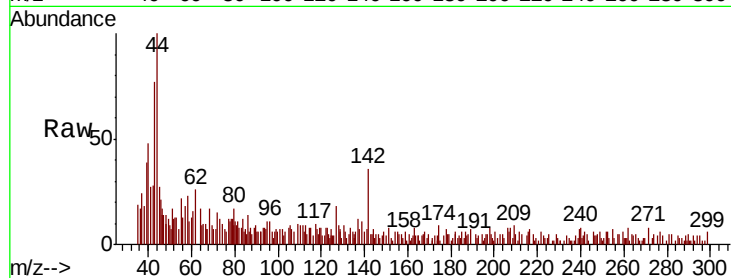




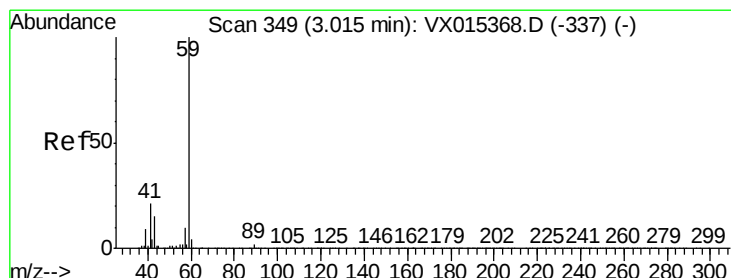
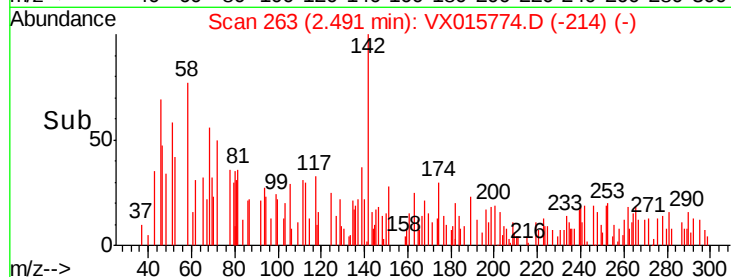
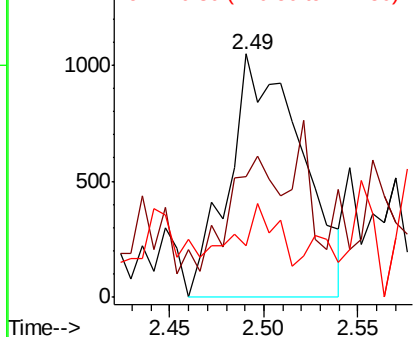
#10
Methvl Iodide
Concen: 0.208 ug/l
RT: 2.49 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 2800
Ion Ratio Lower Upper
142 100
127 30.2 35.9 53.9#
141 14.0 11.6 17.4

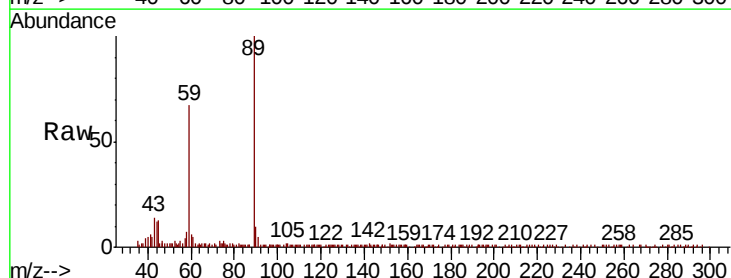


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

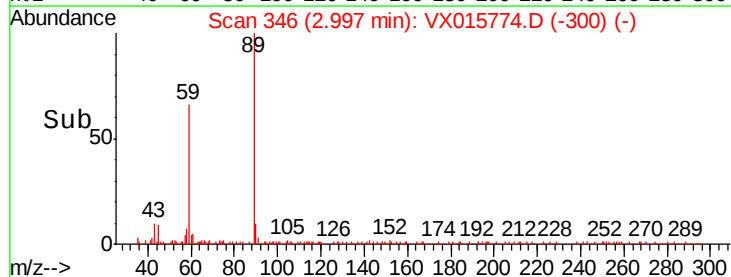
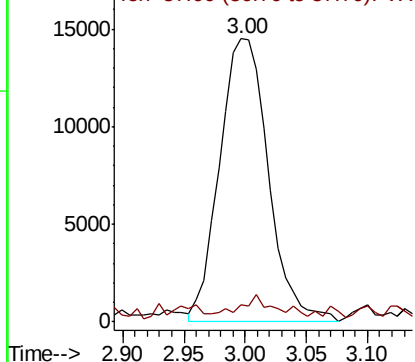


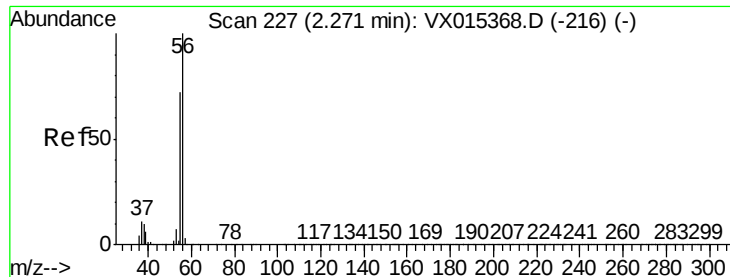
#11
Tert butyl alcohol
Concen: 10.734 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.02 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 59 Resp: 40201
Ion Ratio Lower Upper
59 100
57 5.1 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

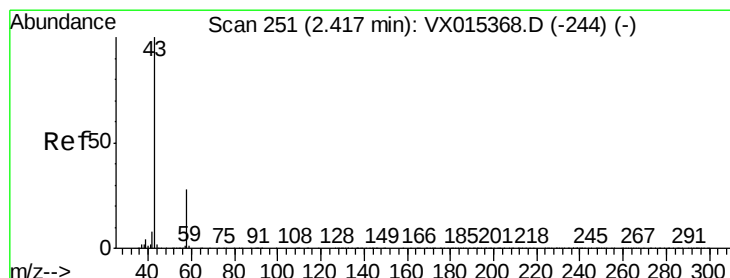
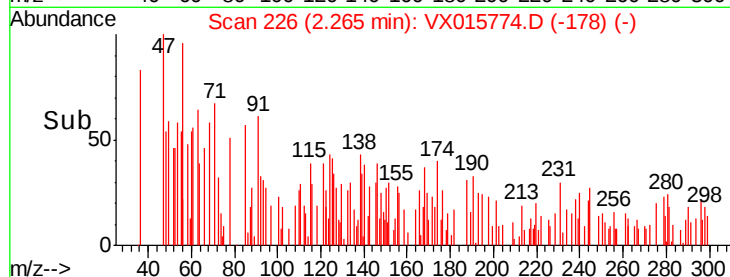
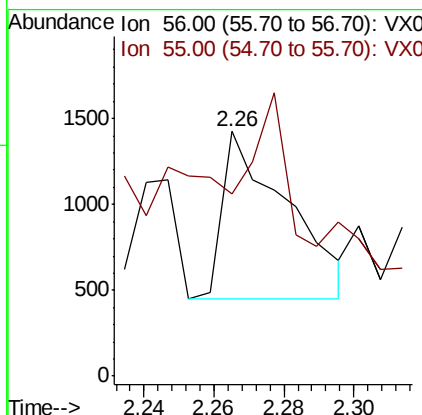
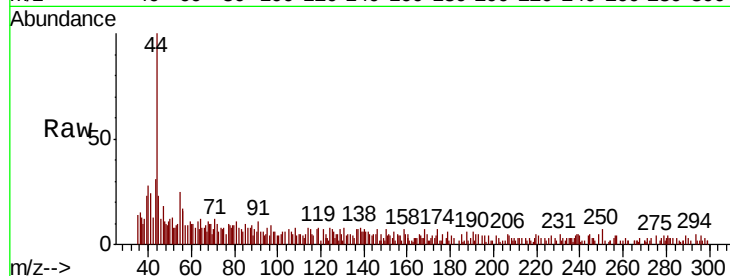




#13
Acrolein
Concen: 0.590 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

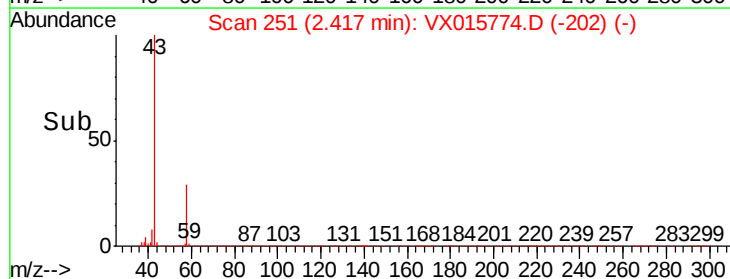
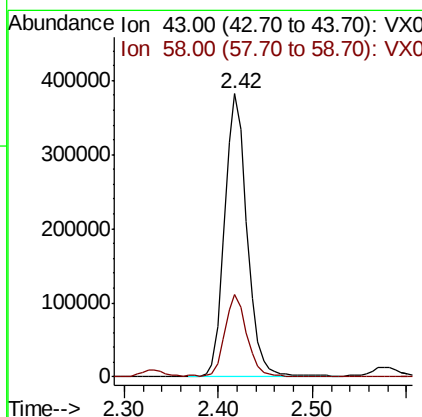
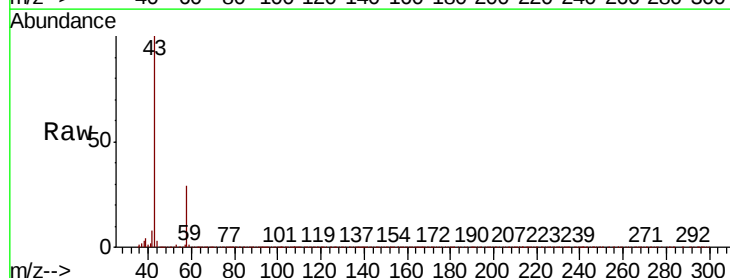
Instrument :
MSVOA_X
ClientSampled :

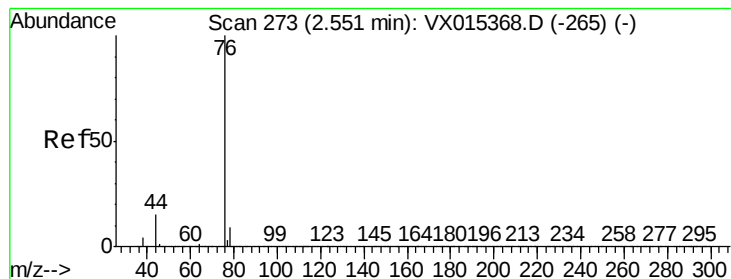
Tot Ion: 56 Resp: 1259
Ion Ratio Lower Upper
56 100
55 43.7 57.0 85.4#



#16
Acetone
Concen: 92.928 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 43 Resp: 624672
Ion Ratio Lower Upper
43 100
58 29.1 22.1 33.1





#17

Carbon Disulfide

Concen: 6.328 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

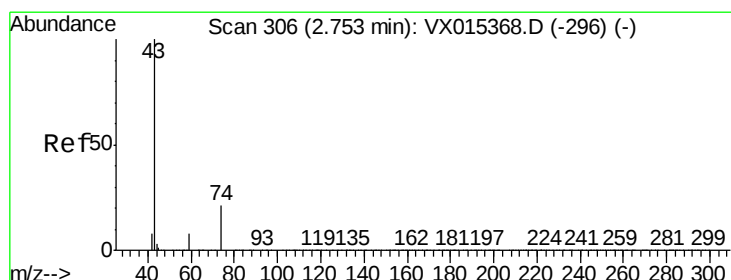
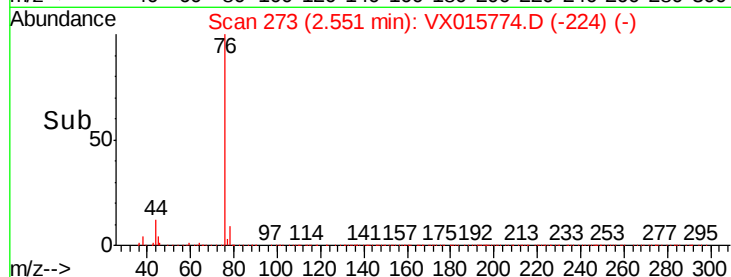
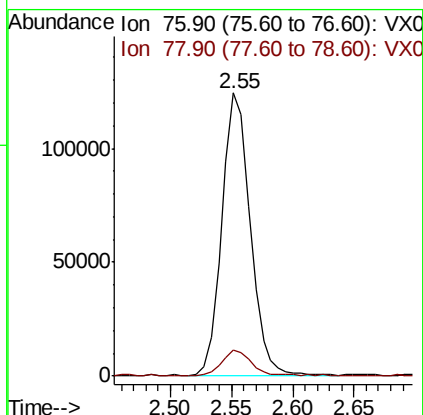
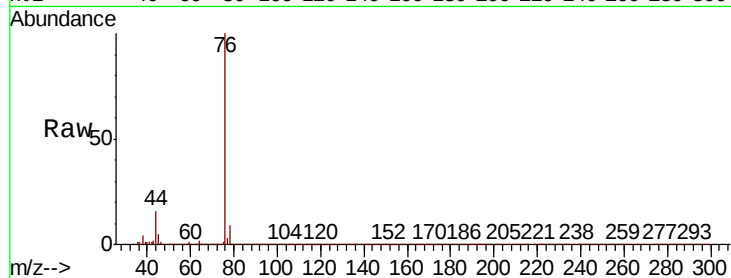
ClientSampled :

Tot Ion: 76 Resp: 202196

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 0.932 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015774.D

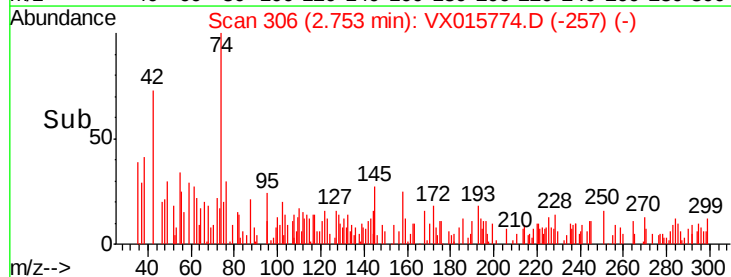
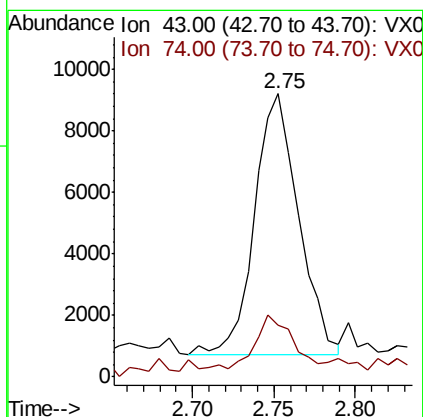
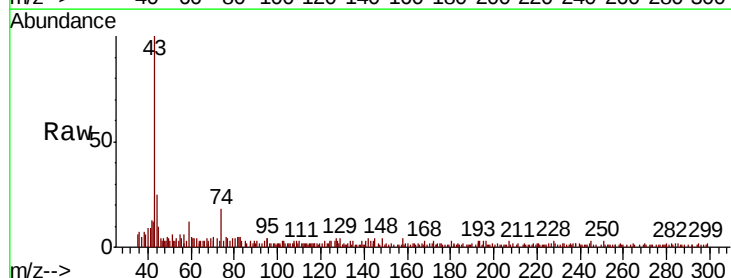
Acq: 20 Apr 2020 18:28

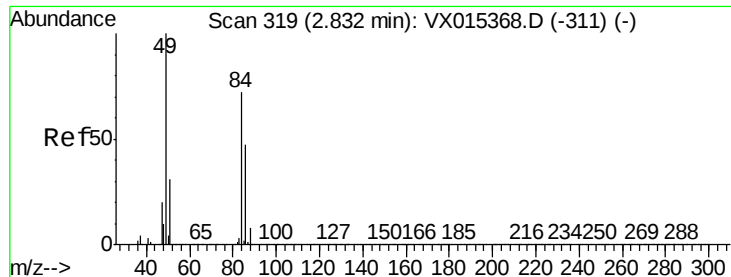
Tgt Ion: 43 Resp: 15993

Ion Ratio Lower Upper

43 100

74 18.6 16.5 24.7

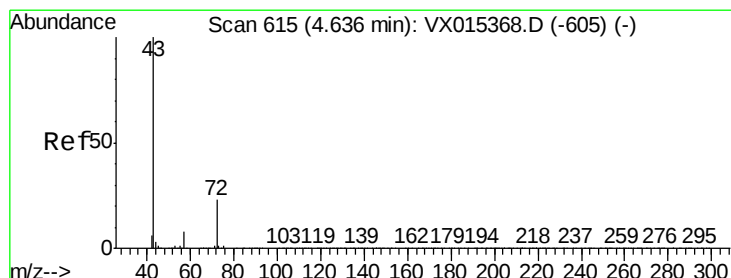
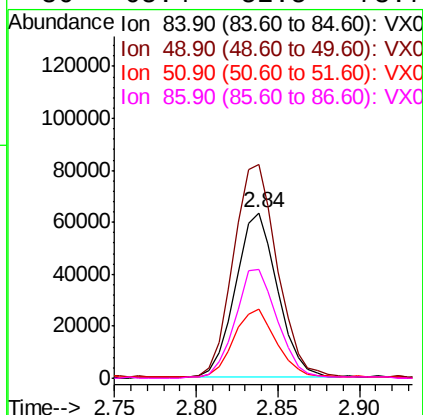
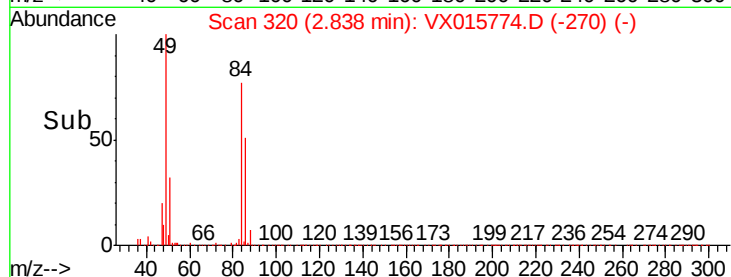
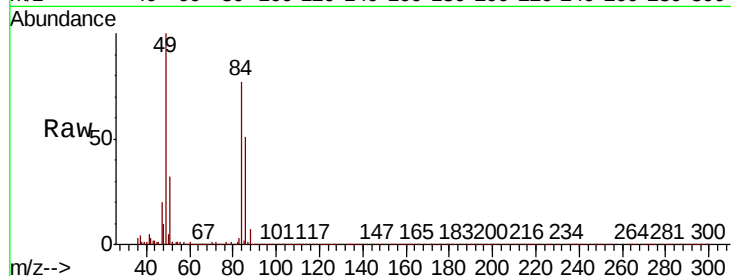




#20
Methvlene Chloride
Concen: 9.096 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

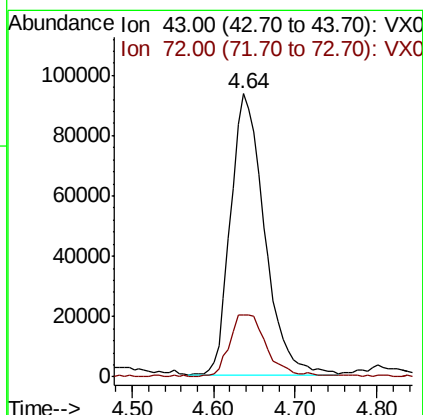
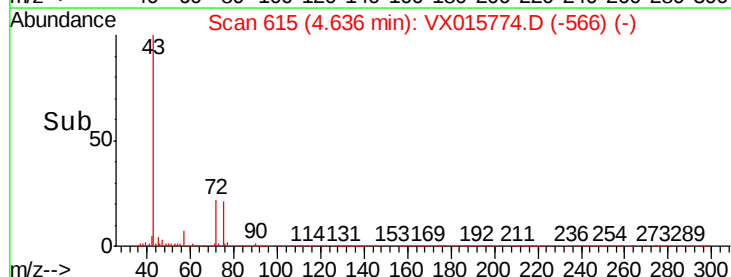
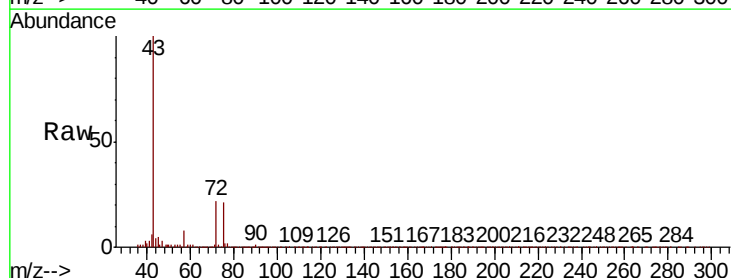
Instrument :
MSVOA_X
ClientSampleId :

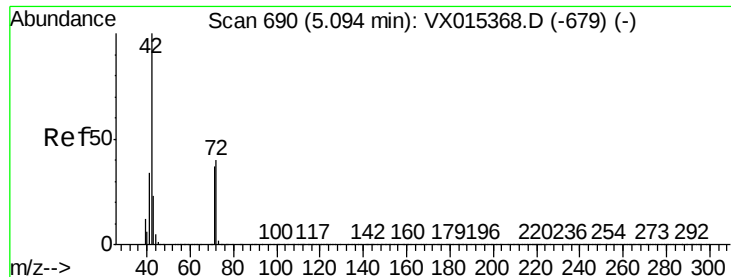
Tot Ion:	84	Resp:	114215
Ion	Ratio	Lower	Upper
84	100		
49	129.2	111.3	166.9
51	40.8	34.0	51.0
86	65.4	52.5	78.7



#25
2-Butanone
Concen: 24.730 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion:	43	Resp:	267351
Ion	Ratio	Lower	Upper
43	100		
72	21.9	19.0	28.4





#29

Tetrahydrofuran

Concen: 1.606 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.03 min

Lab File: VX015774.D

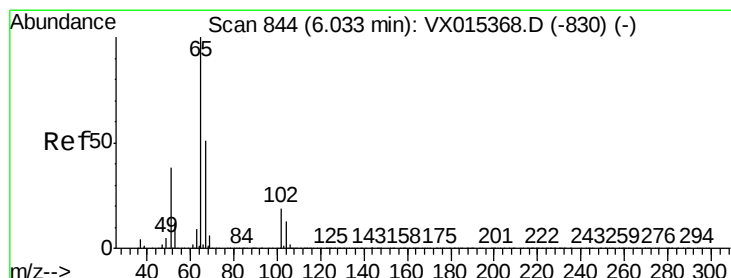
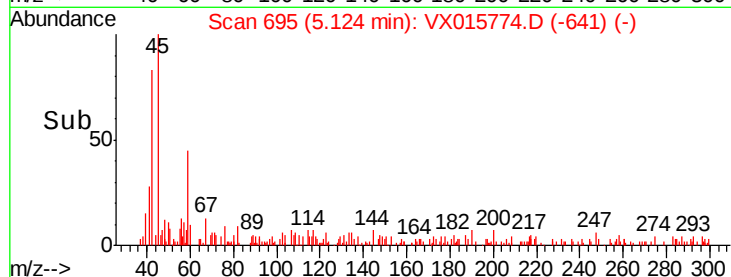
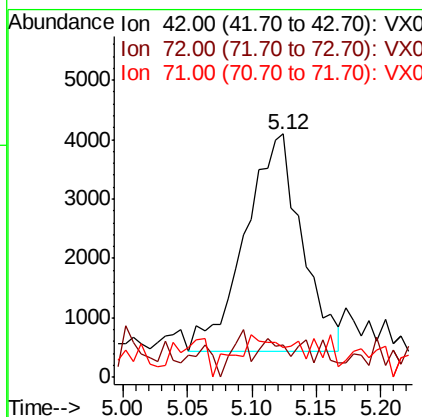
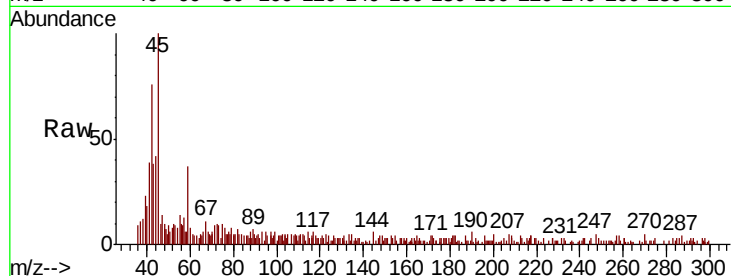
Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	42	Resp:	11158
Ion	Ratio	Lower	Upper
42	100		
72	2.5	31.7	47.5#
71	0.0	29.6	44.4#



#33

1,2-Dichloroethane-d4

Concen: 42.057 ug/l

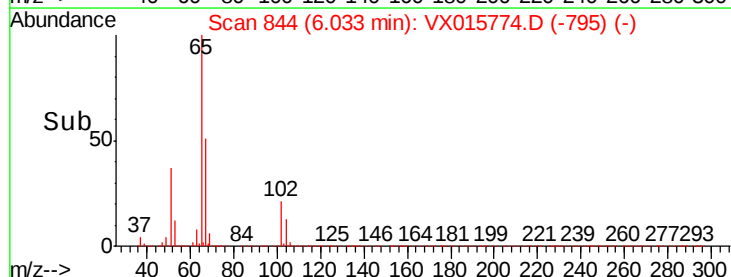
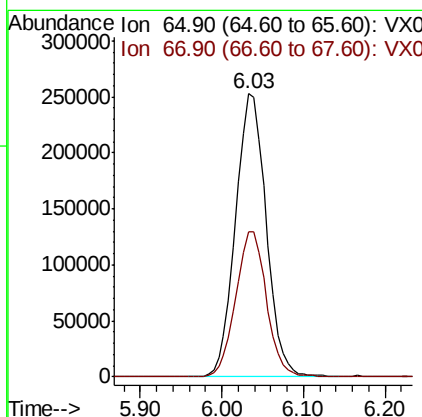
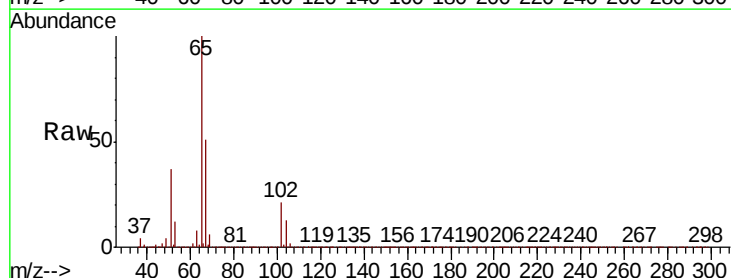
RT: 6.03 min Scan# 844

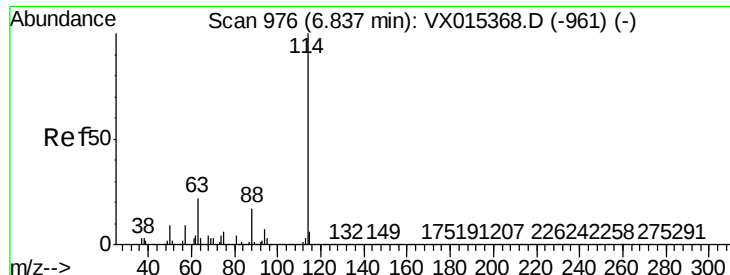
Delta R.T. 0.00 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Tgt Ion:	65	Resp:	658054
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

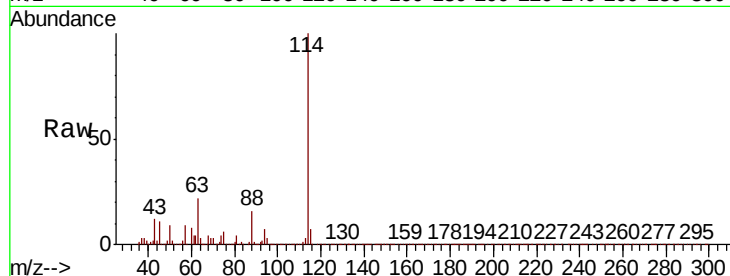
Tot Ion:114 Resp: 1694928

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

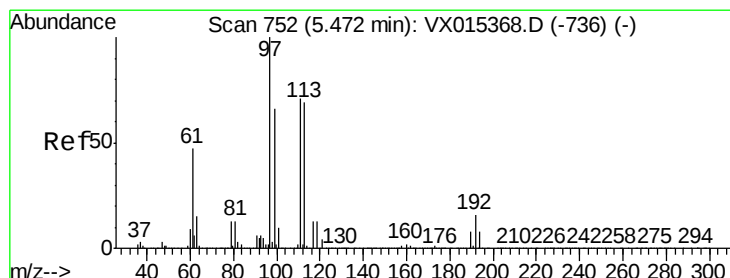
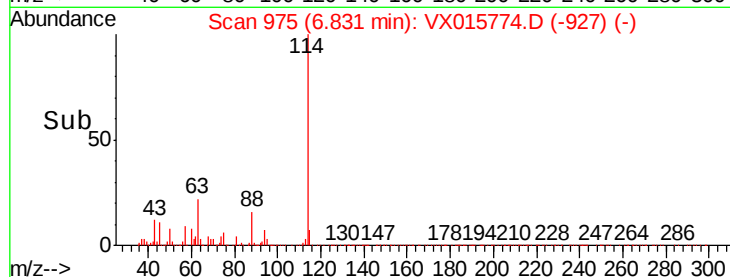
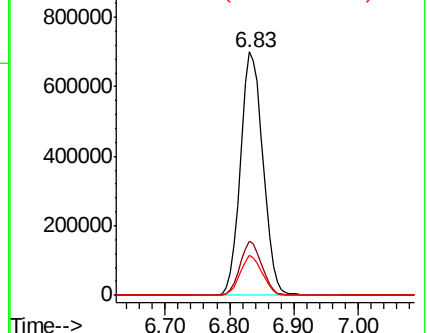
88 16.5 0.0 33.8



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: 48.957 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

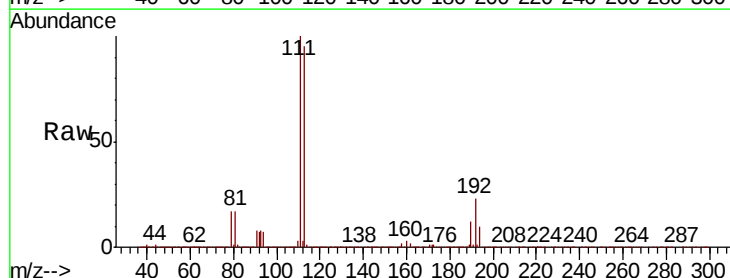
Tgt Ion:113 Resp: 530421

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

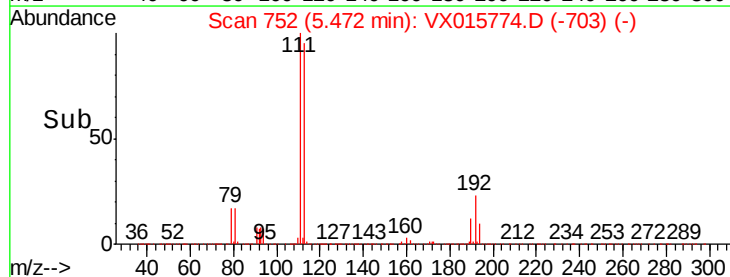
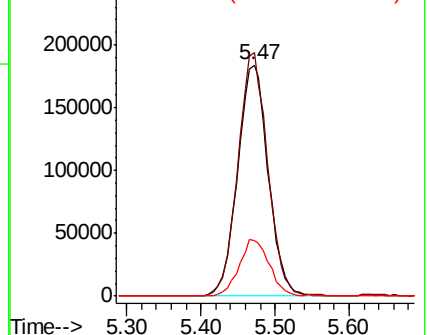
192 24.2 17.8 26.6

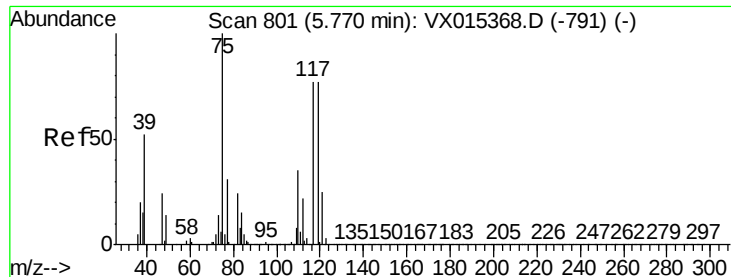


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

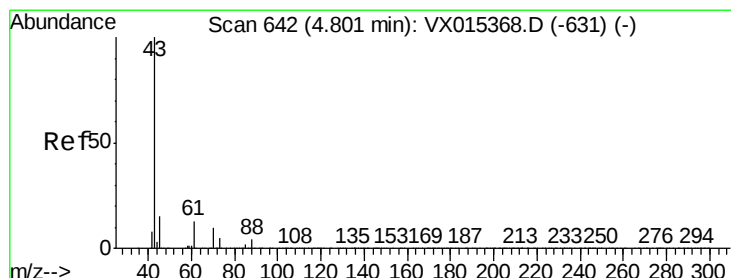
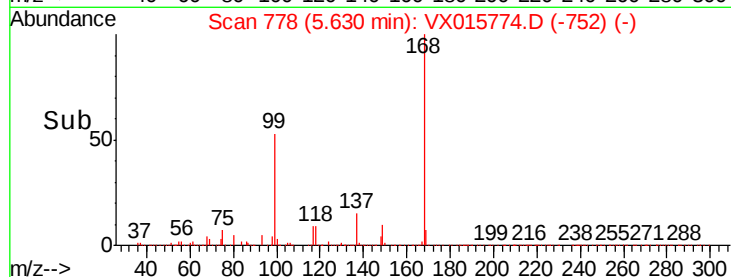
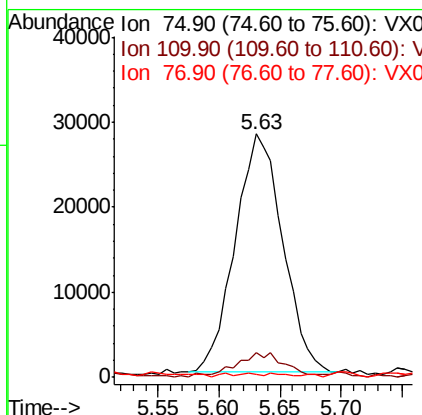
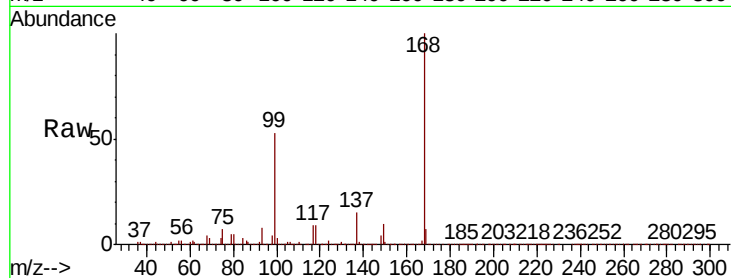




#36
 1,1-Dichloropropene
 Concen: 4.847 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

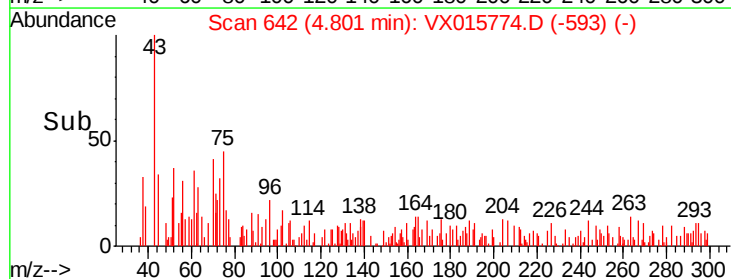
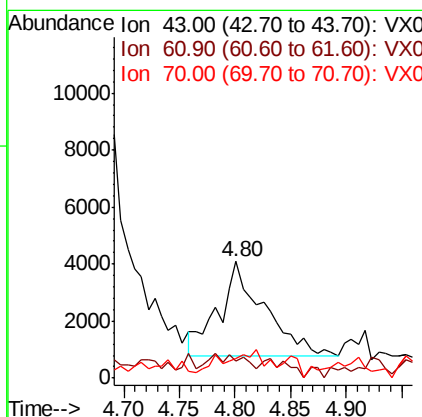
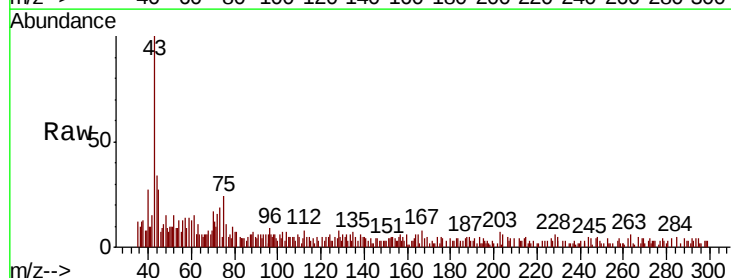
Instrument :
 MSVOA_X
 ClientSampleId :

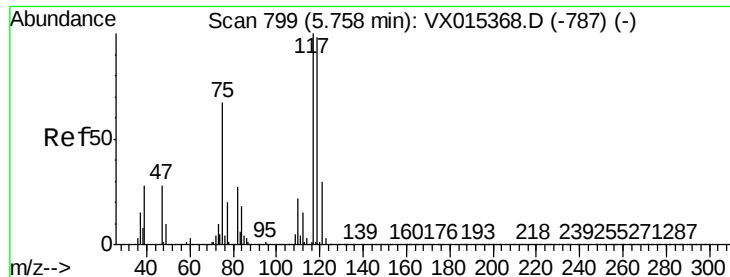
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.3	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 0.466 ug/l
 RT: 4.80 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2.8	9.9	14.9#
70	6.2	8.1	12.1#





#38

Carbon Tetrachloride

Concen: 5.931 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

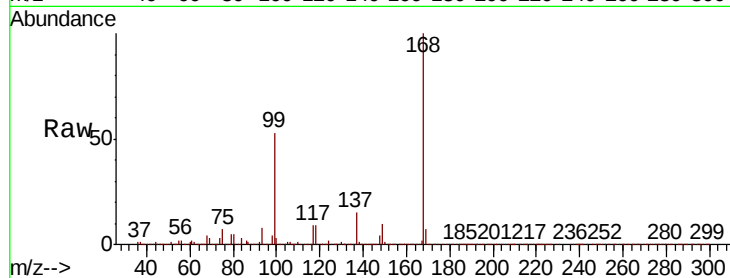
Tot Ion:117 Resp: 100328

Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

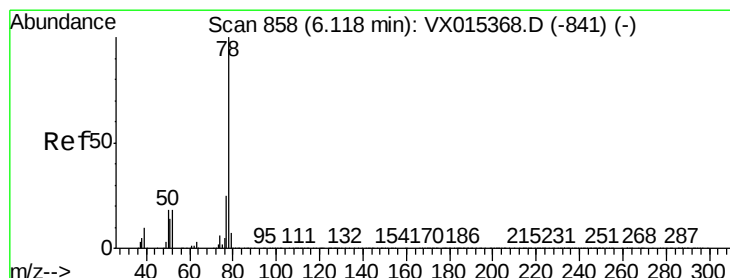
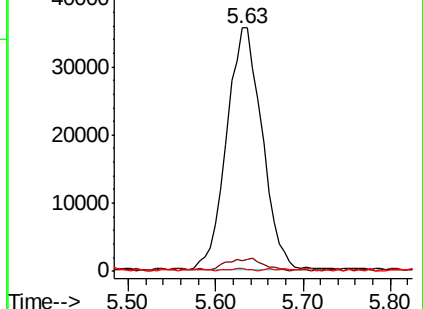
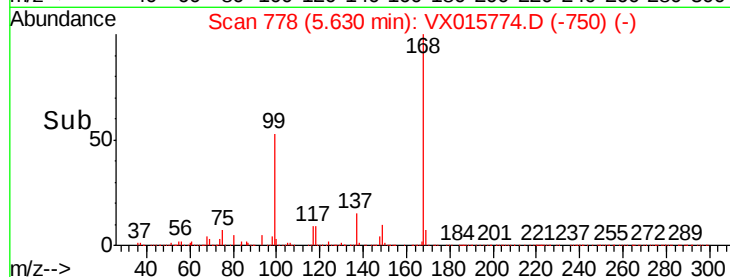
121 0.8 23.8 35.8#



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: 0.298 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015774.D

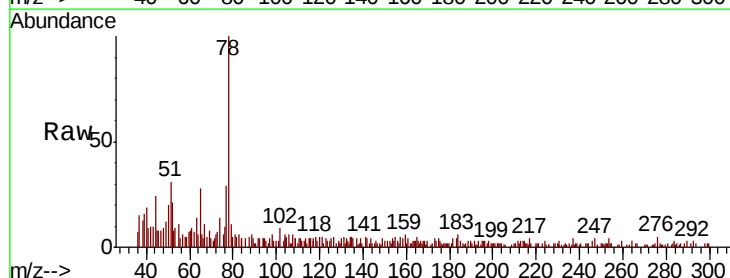
Acq: 20 Apr 2020 18:28

Tgt Ion: 78 Resp: 13647

Ion Ratio Lower Upper

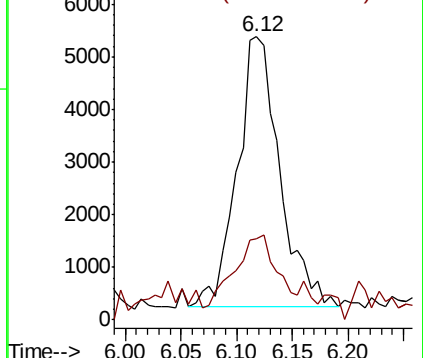
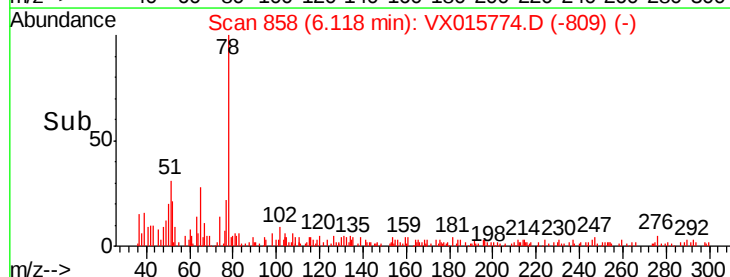
78 100

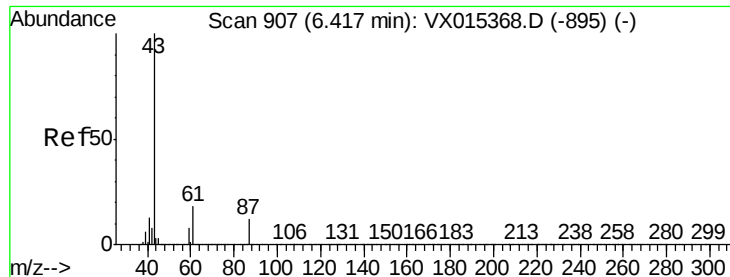
77 24.3 19.8 29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



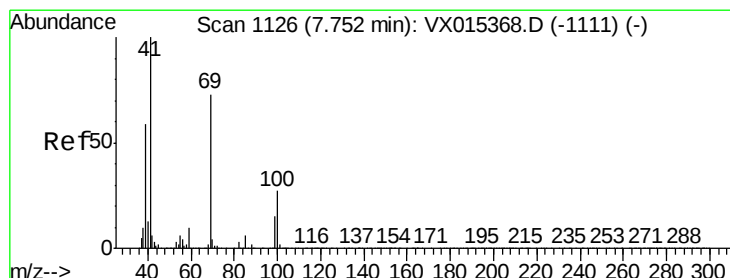
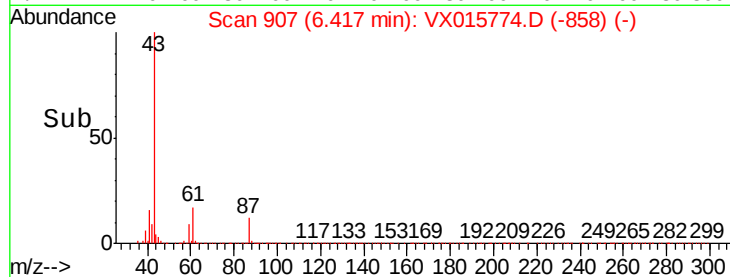
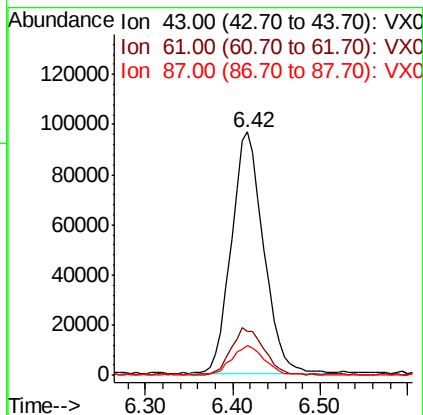
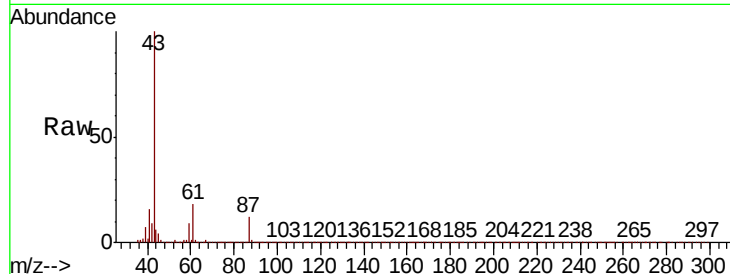


#43

Isopropyl Acetate
 Concen: 7.146 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :

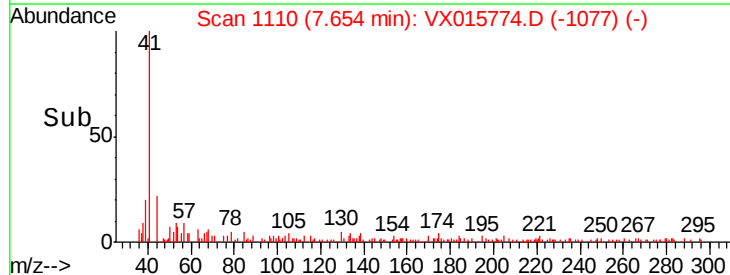
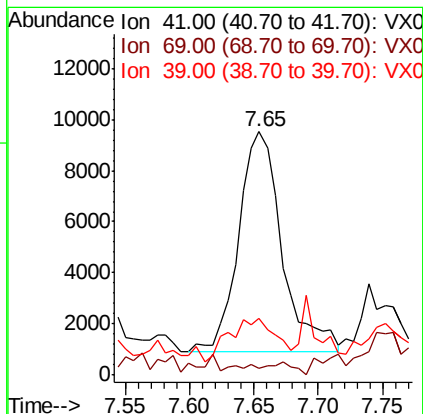
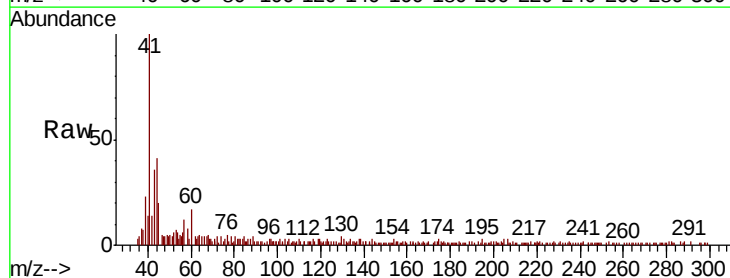
Tot Ion:	43	Resp:	245292
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.8	22.2
87	12.0	9.4	14.0

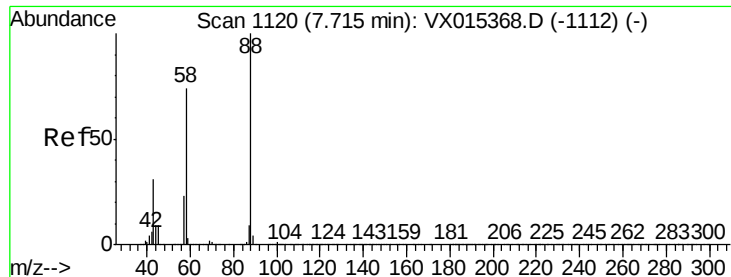


#48

Methyl methacrylate
 Concen: 1.168 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.10 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

Tgt Ion:	41	Resp:	20018
Ion	Ratio	Lower	Upper
41	100		
69	2.1	56.7	85.1#
39	0.0	46.5	69.7#

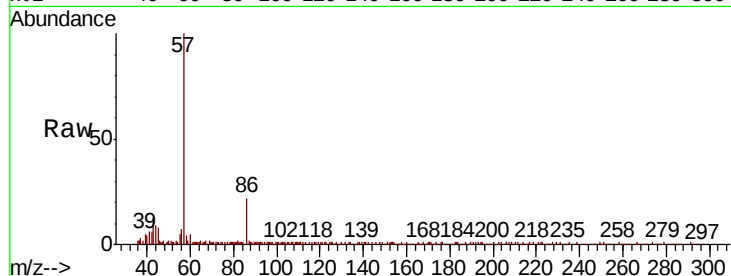




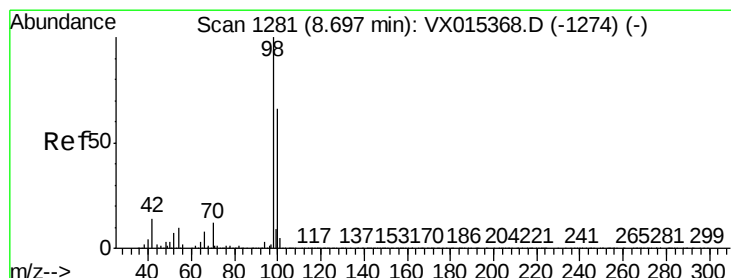
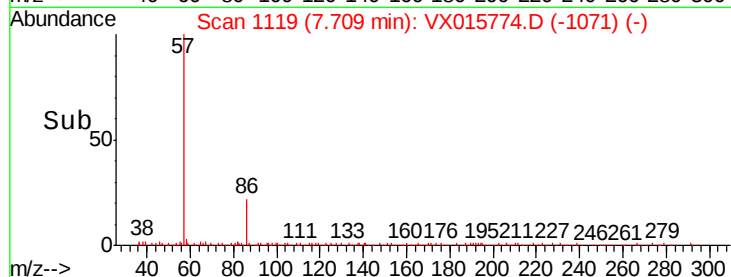
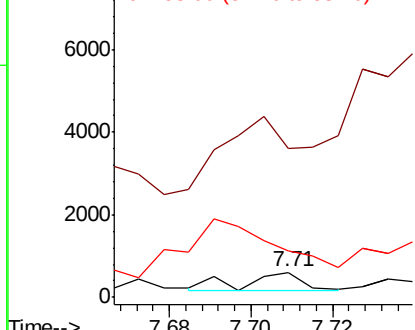
#49
1,4-Dioxane
Concen: 1.398 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.01 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 447
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 710.3 60.6 90.8#

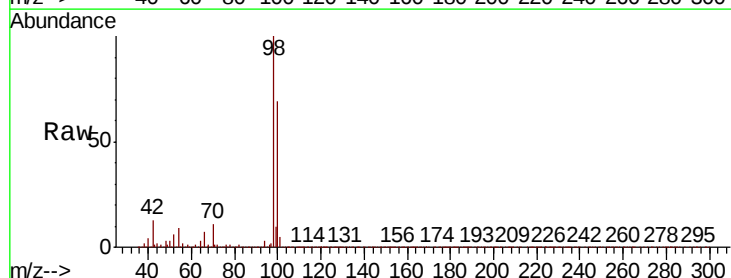


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

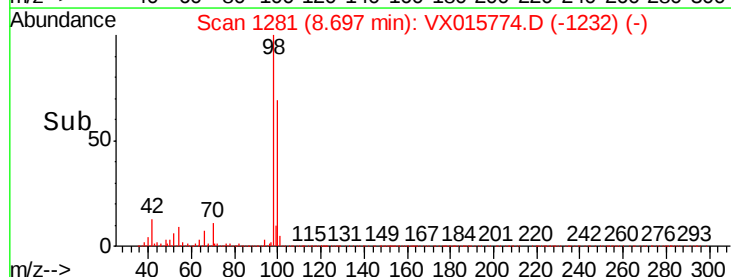
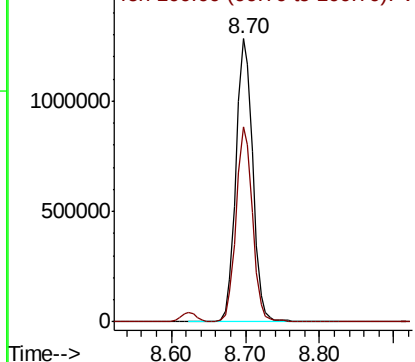


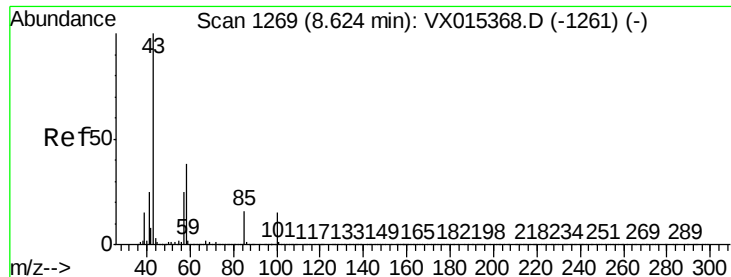
#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 98 Resp: 2036515
Ion Ratio Lower Upper
98 100
100 67.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 30.666 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

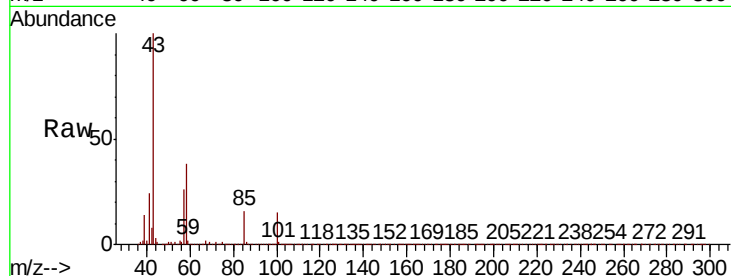
ClientSampleId :

Tot Ion: 43 Resp: 596560

Ion Ratio Lower Upper

43 100

58 28.3 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

300000

250000

200000

150000

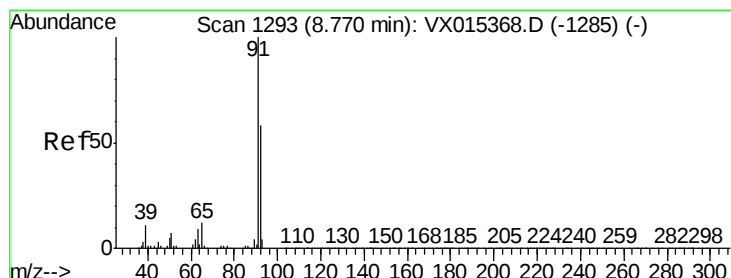
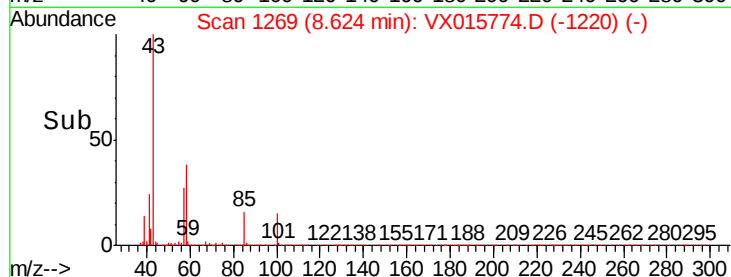
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 0.655 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015774.D

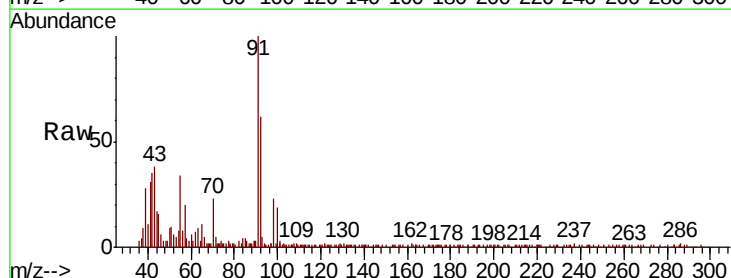
Acq: 20 Apr 2020 18:28

Tgt Ion: 92 Resp: 18487

Ion Ratio Lower Upper

92 100

91 149.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

20000

15000

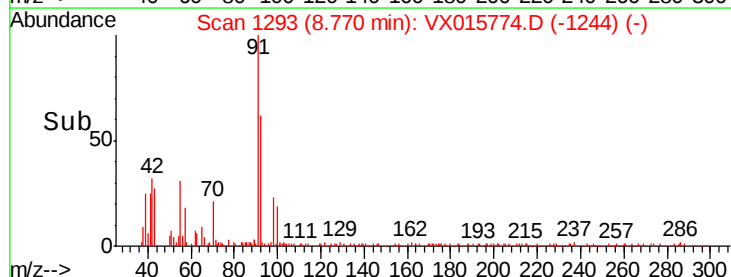
10000

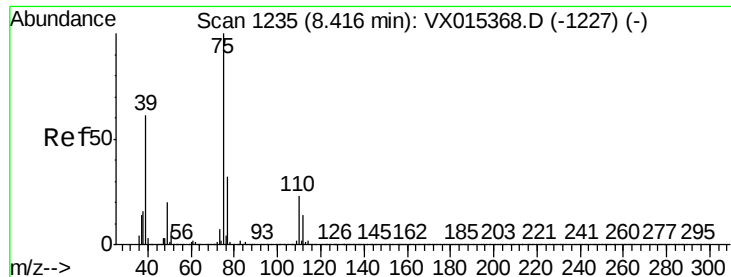
5000

0

8.70 8.75 8.80 8.85

Time-->



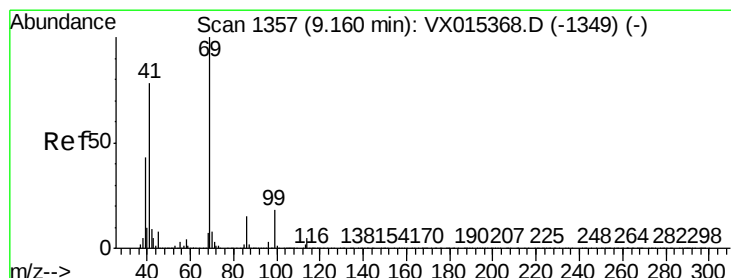
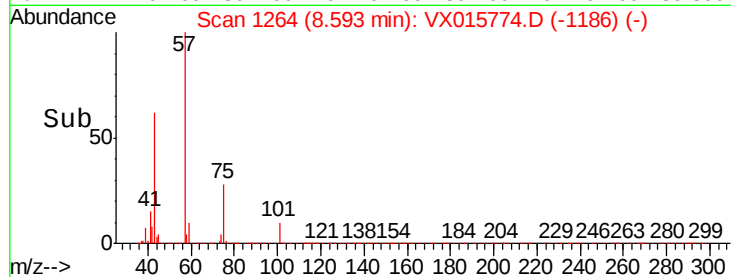
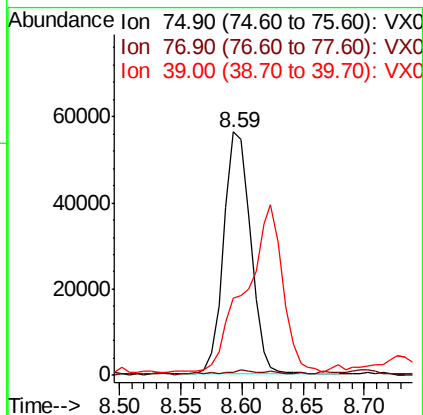
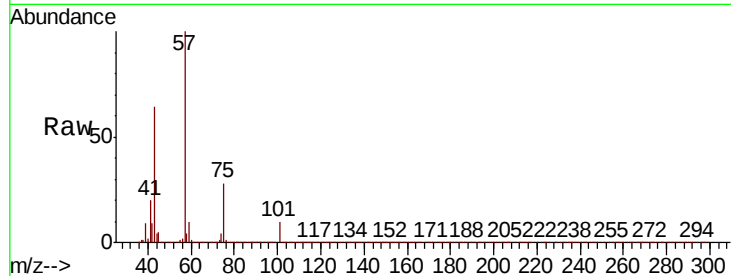


#54

cis-1,3-Dichloropropene
 Concen: 4.094 ug/l
 RT: 8.59 min Scan# 1264
 Delta R.T. 0.18 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :

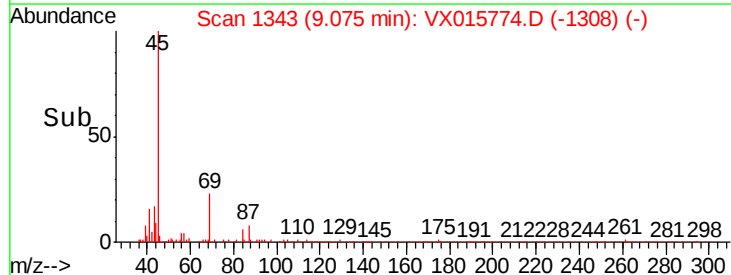
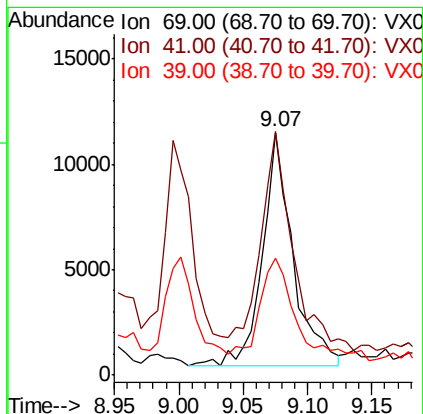
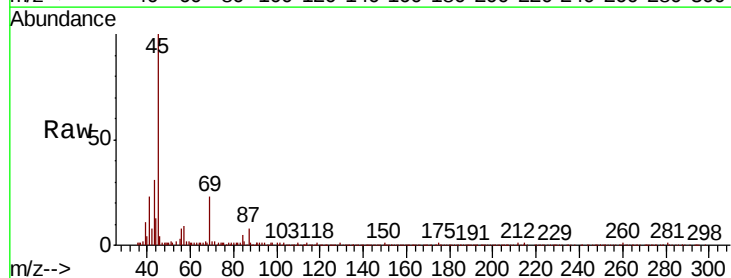
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	29.9	49.0	73.4#

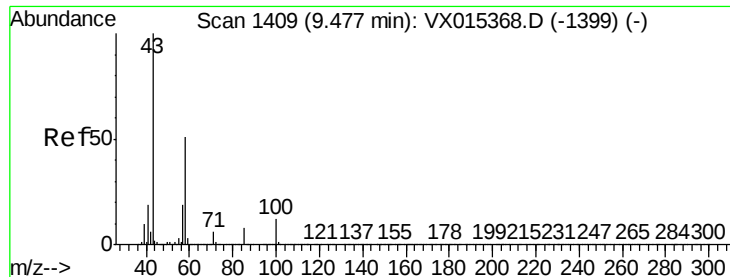


#56

Ethyl methacrylate
 Concen: 0.893 ug/l
 RT: 9.07 min Scan# 1343
 Delta R.T. -0.09 min
 Lab File: VX015774.D
 Acq: 20 Apr 2020 18:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	99.4	61.6	92.4#
39	49.4	34.0	51.0

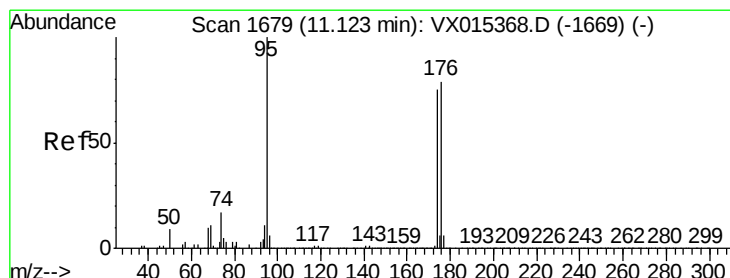
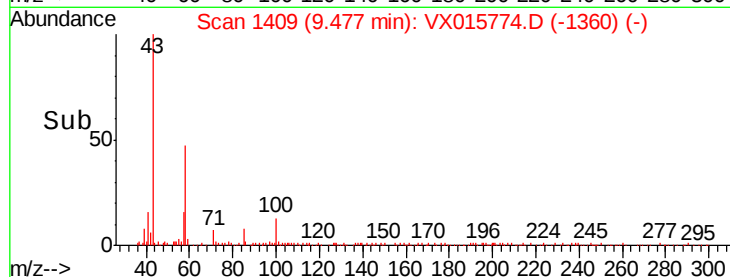
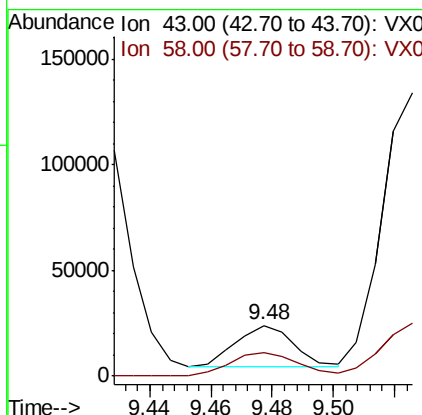
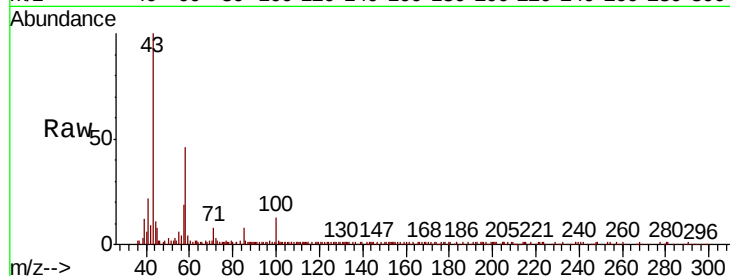




#59
2-Hexanone
Concen: 1.786 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

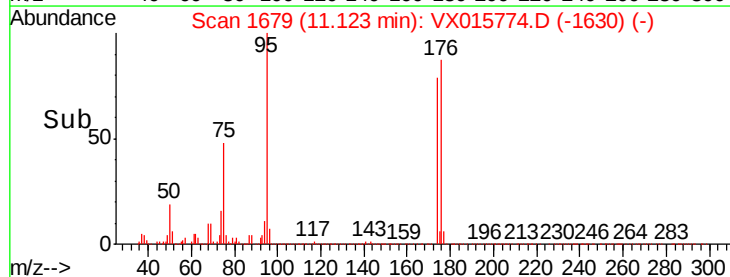
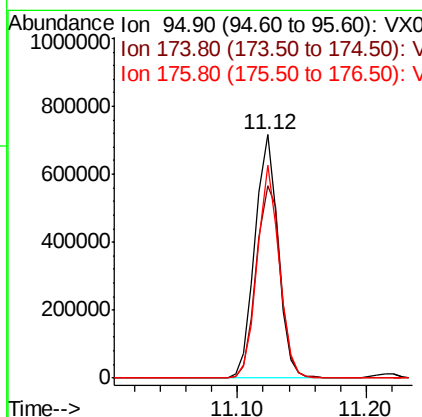
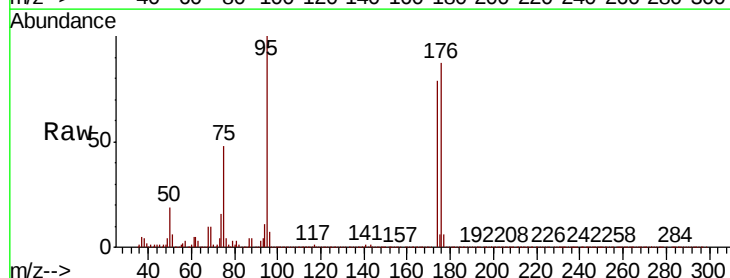
Instrument :
MSVOA_X
ClientSampled :

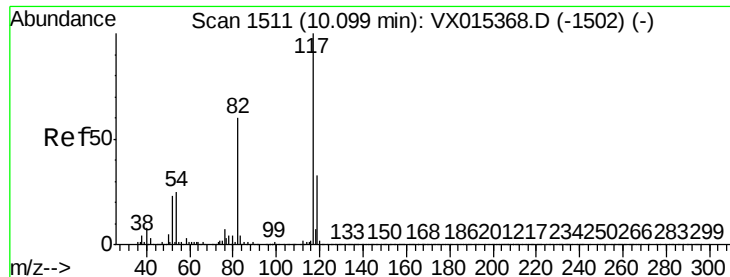
Tot Ion: 43 Resp: 26234
Ion Ratio Lower Upper
43 100
58 61.5 25.6 76.6



#62
4-Bromofluorobenzene
Concen: 54.181 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 95 Resp: 878340
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.6
176 83.3 0.0 159.0

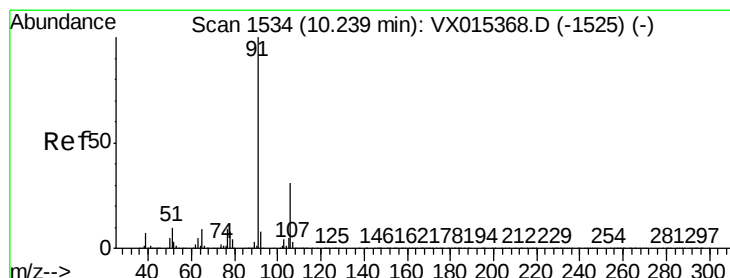
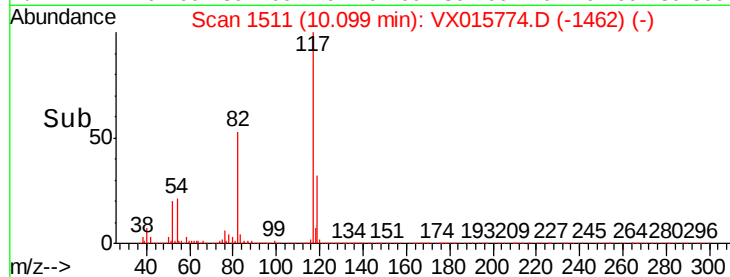
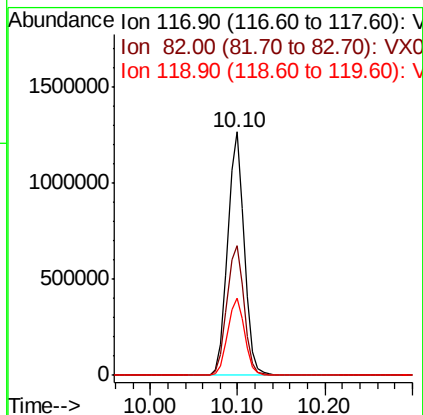
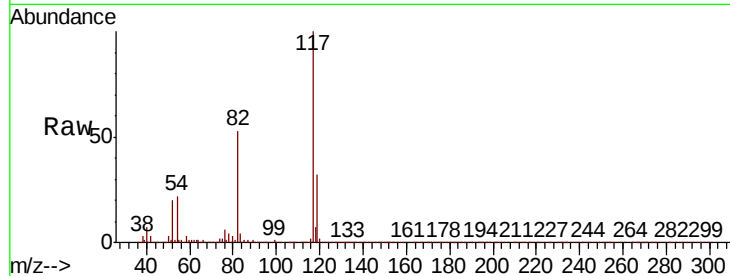




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

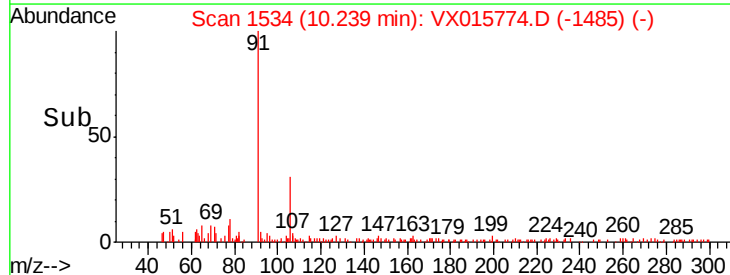
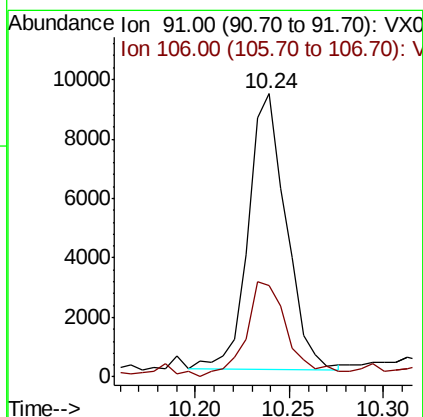
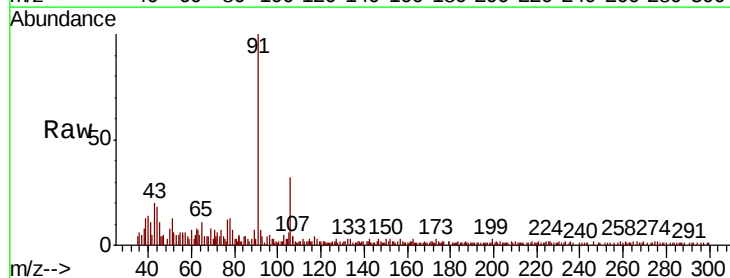
Instrument :
MSVOA_X
ClientSampleId :

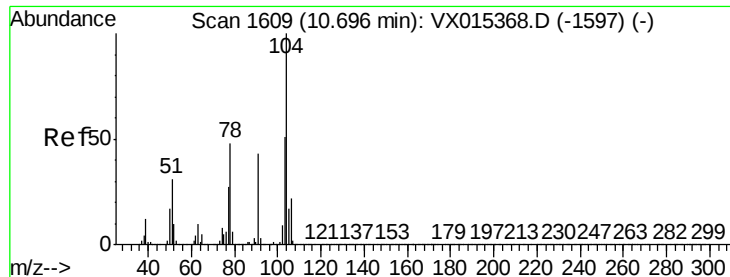
Tot Ion:117 Resp: 1655614
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.8
119 31.6 26.8 40.2



#67
Ethyl Benzene
Concen: 0.220 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 91 Resp: 12888
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2

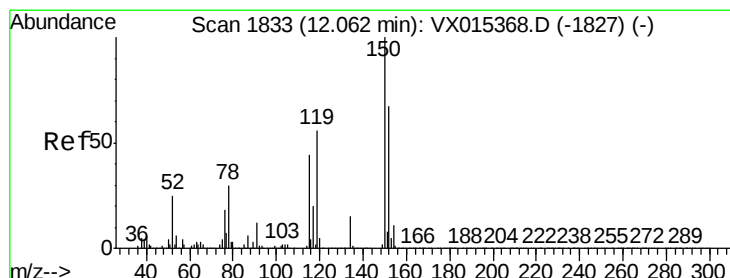
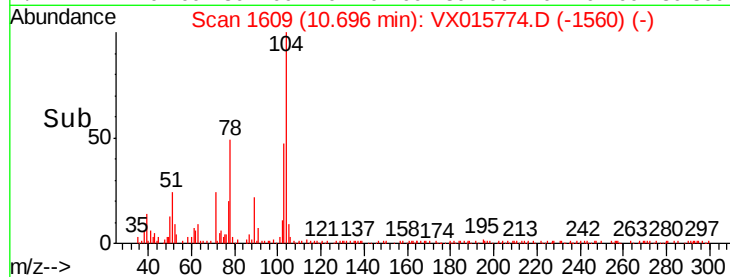
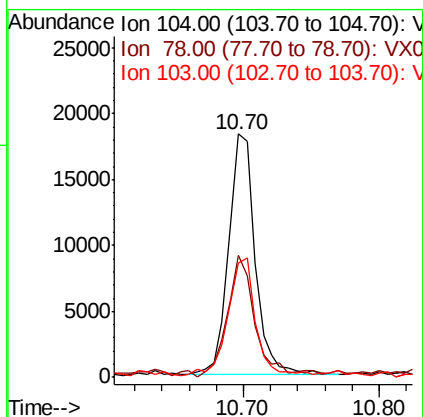
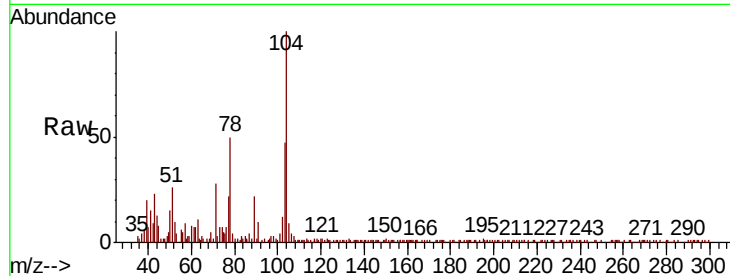




#70
Stvrene
Concen: 0.656 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

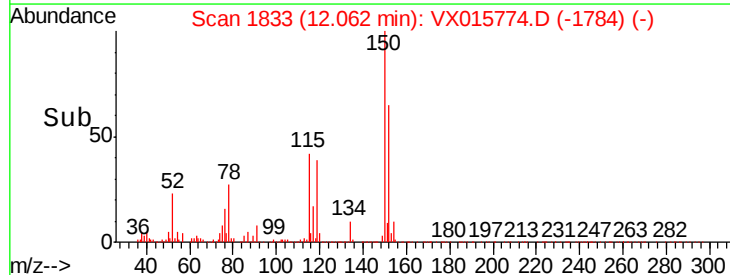
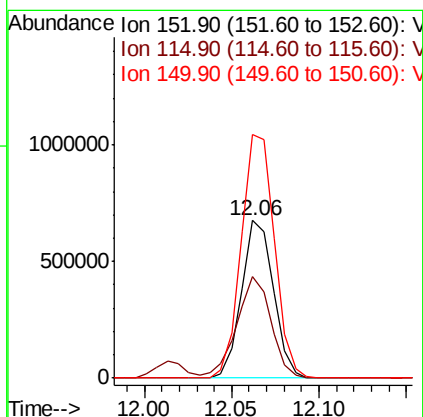
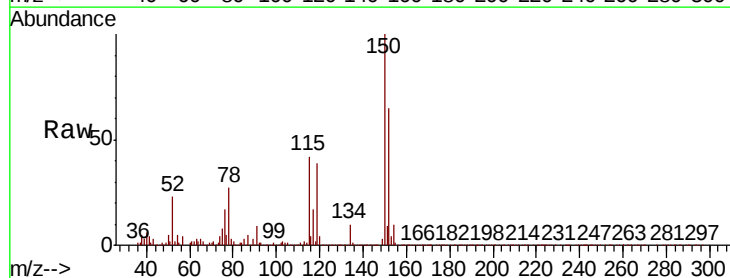
Instrument :
MSVOA_X
ClientSampleId :

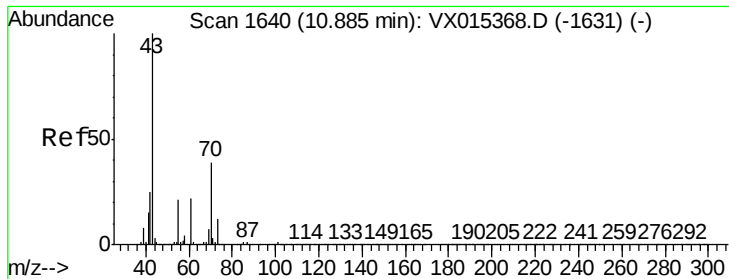
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.0	63.0
103	50.1	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.7	39.0	116.9
150	160.5	0.0	340.8





#74

N-amvl acetate

Concen: 0.453 ug/l

RT: 10.93 min Scan# 1647

Delta R.T. 0.04 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 14209

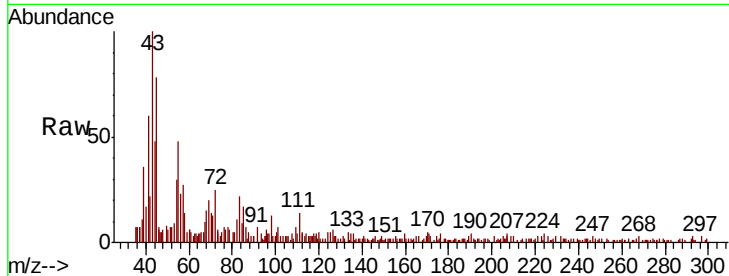
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 30.3 16.8 25.2#

61 0.0 18.2 27.2#

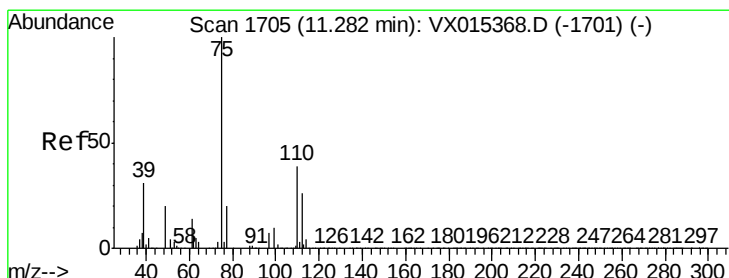
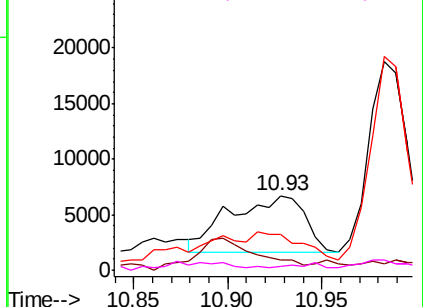
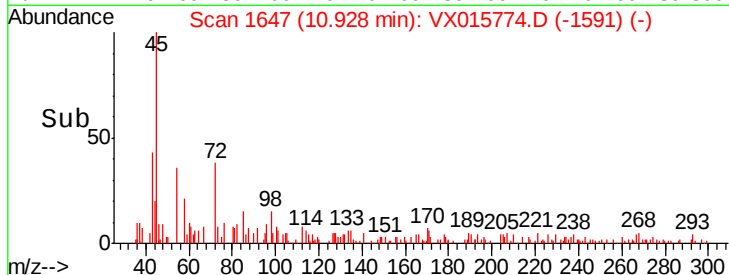


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 24.555 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015774.D

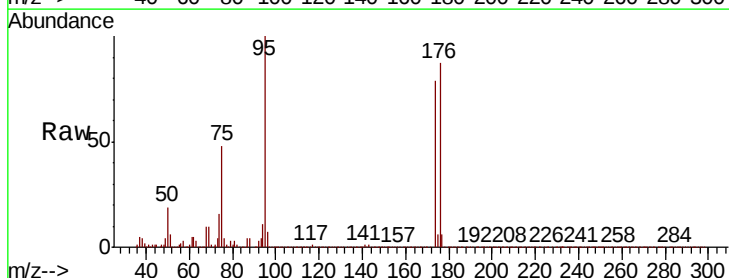
Acq: 20 Apr 2020 18:28

Tgt Ion: 75 Resp: 434430

Ion Ratio Lower Upper

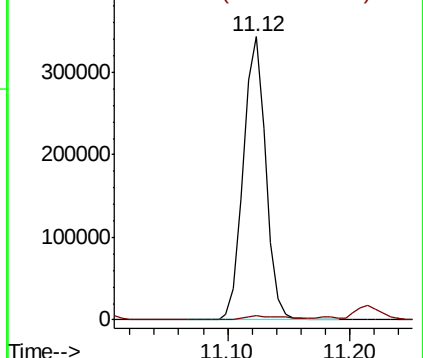
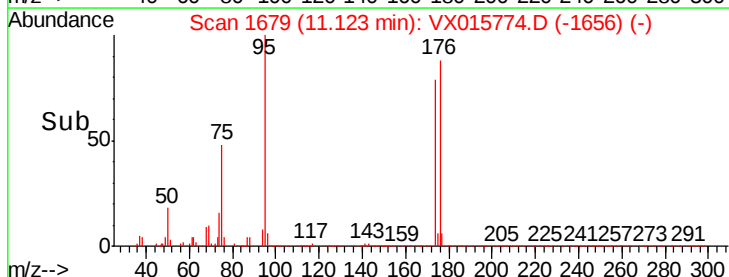
75 100

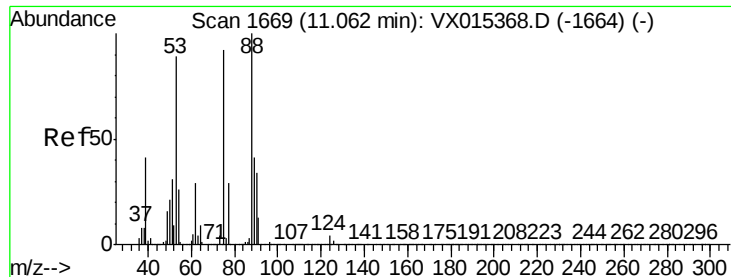
77 1.3 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 58.919 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

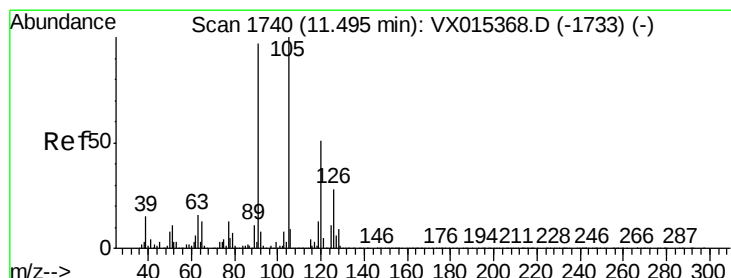
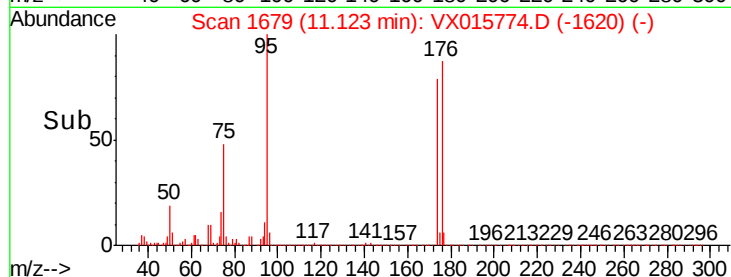
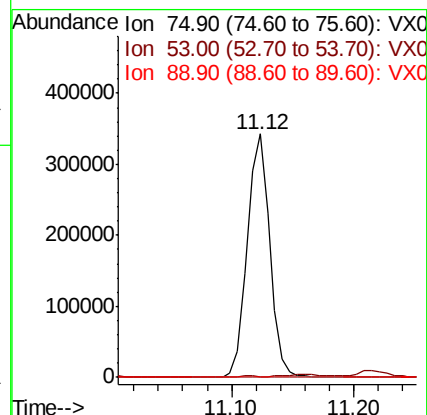
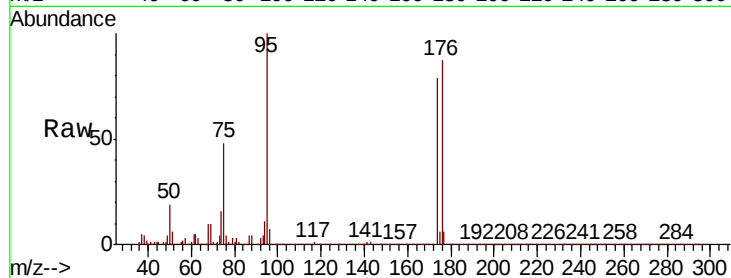
Tot Ion: 75 Resp: 434430

Ion Ratio Lower Upper

75 100

53 0.4 80.1 120.1#

89 0.2 36.1 54.1#



#82

4-Chlorotoluene

Concen: 3.652 ug/l

RT: 11.53 min Scan# 1746

Delta R.T. 0.04 min

Lab File: VX015774.D

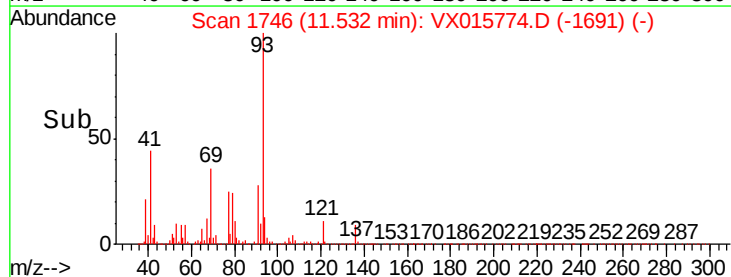
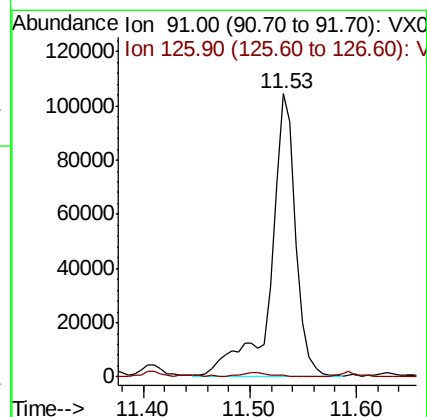
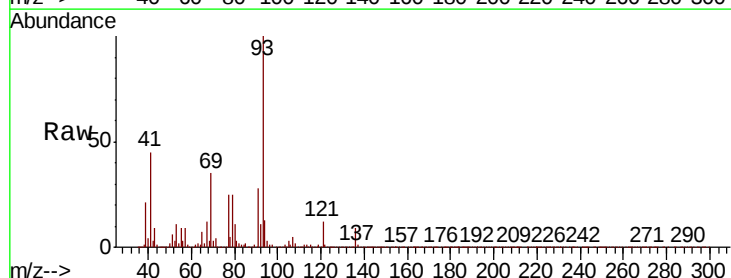
Acq: 20 Apr 2020 18:28

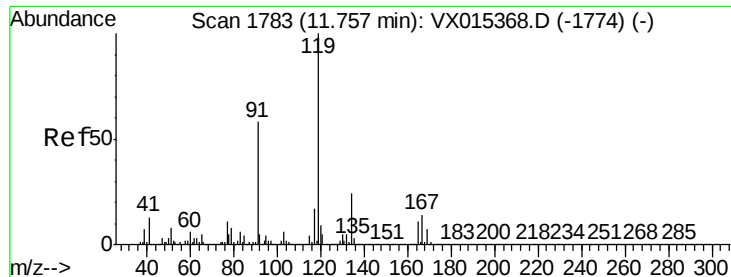
Tgt Ion: 91 Resp: 169163

Ion Ratio Lower Upper

91 100

126 0.0 14.7 44.1#





#83

tert-Butylbenzene

Concen: 4.205 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.26 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

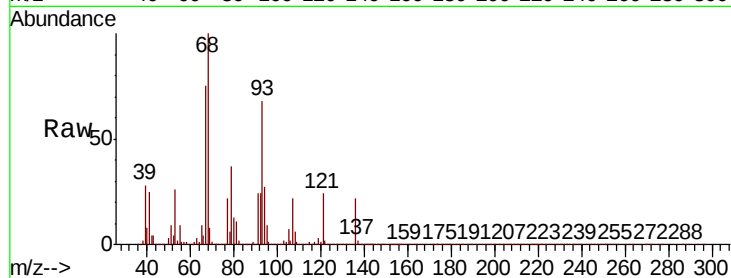
Tot Ion:119 Resp: 197746

Ion Ratio Lower Upper

119 100

91 809.0 28.6 85.8#

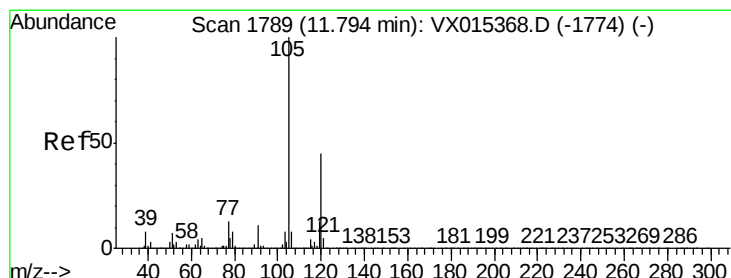
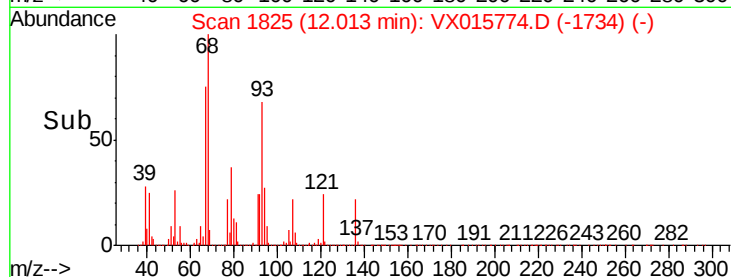
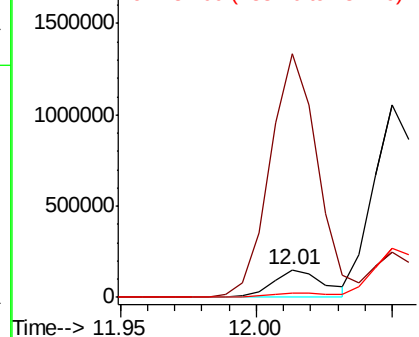
134 15.5 11.8 35.3



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: 0.348 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015774.D

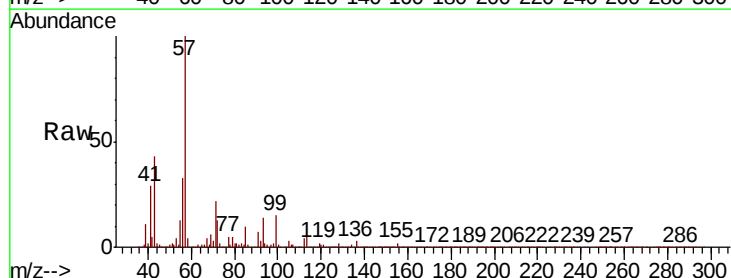
Acq: 20 Apr 2020 18:28

Tgt Ion:105 Resp: 17090

Ion Ratio Lower Upper

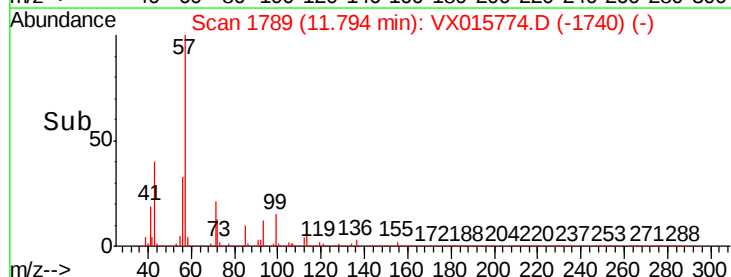
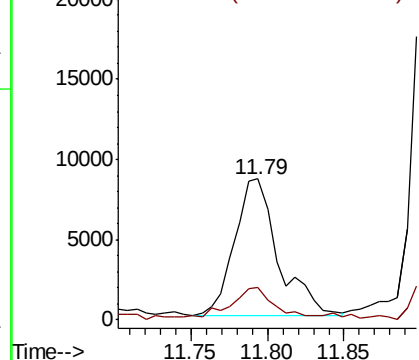
105 100

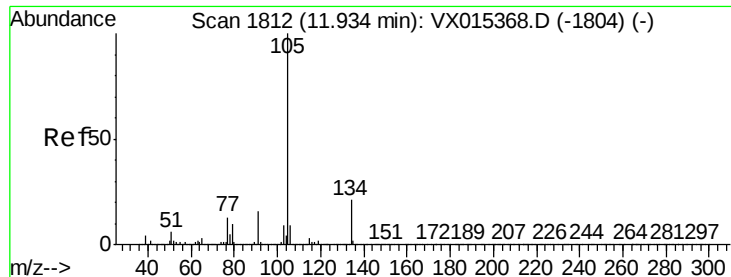
120 19.9 22.7 68.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.744 ug/l

RT: 11.90 min Scan# 1807

Delta R.T. -0.03 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

Instrument :

MSVOA_X

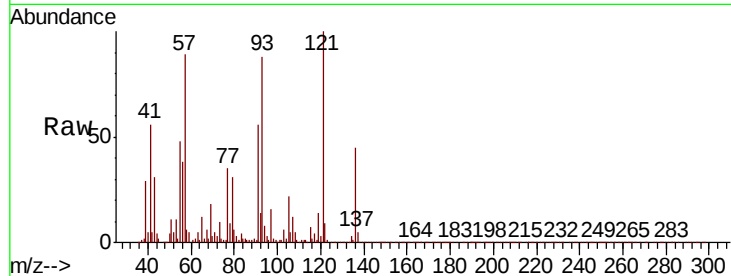
ClientSampled :

Tot Ion:105 Resp: 40489

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

400000

300000

200000

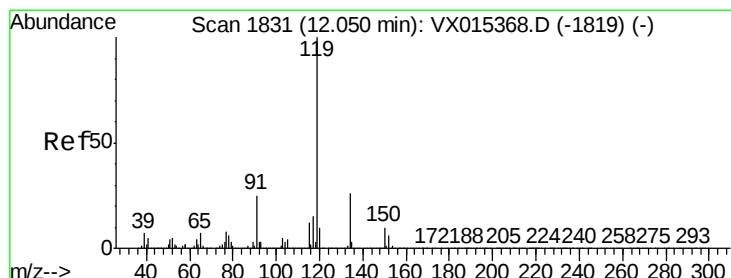
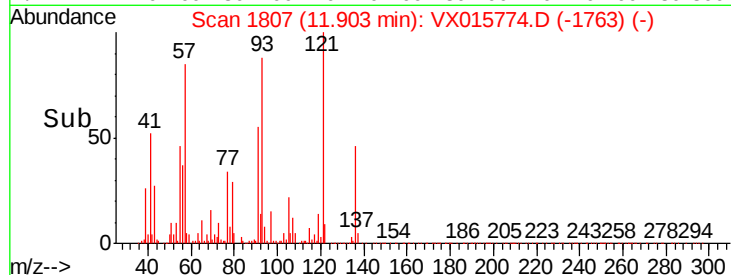
100000

0

11.80

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 24.436 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015774.D

Acq: 20 Apr 2020 18:28

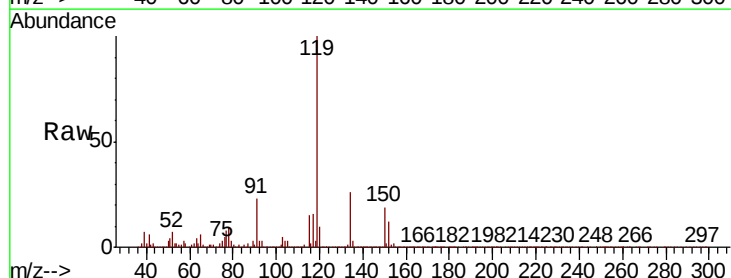
Tgt Ion:119 Resp: 1233741

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 18.5 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

1500000

1000000

500000

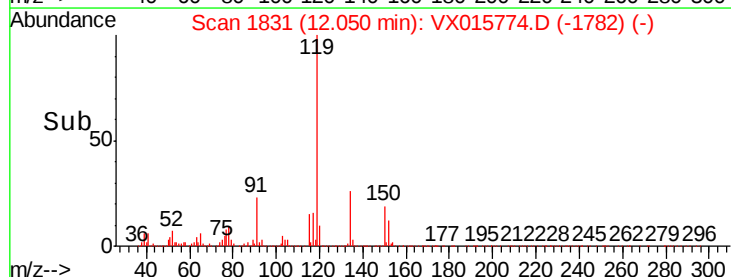
0

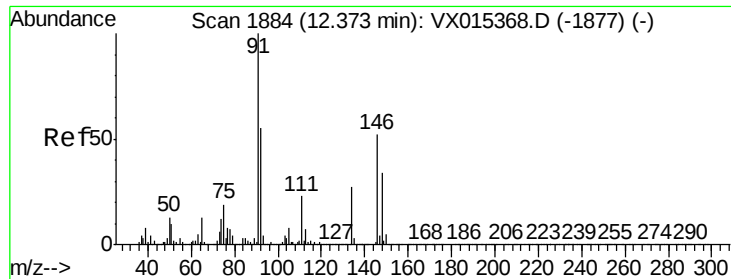
12.00

12.05

12.10

Time-->

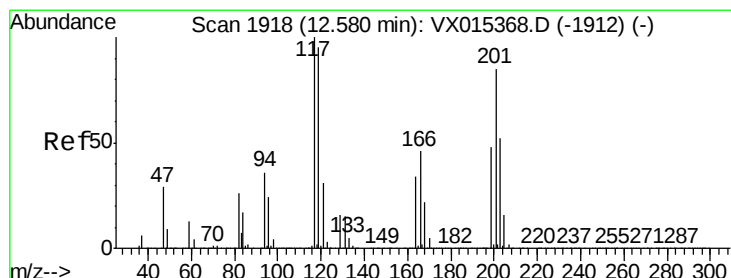
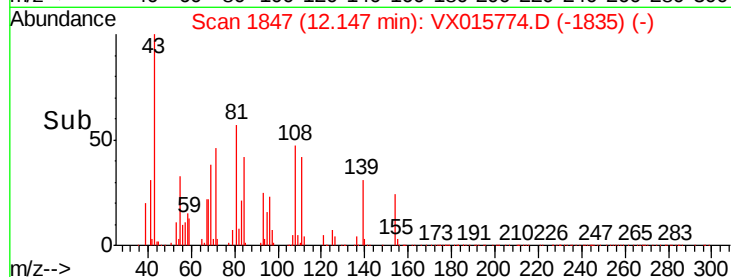
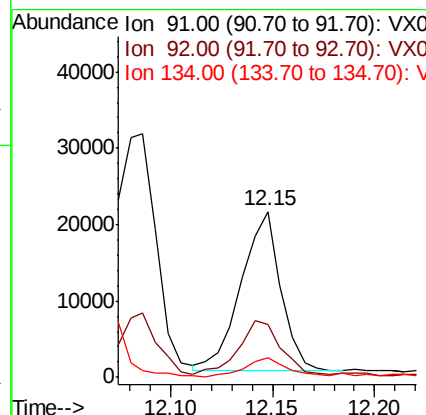
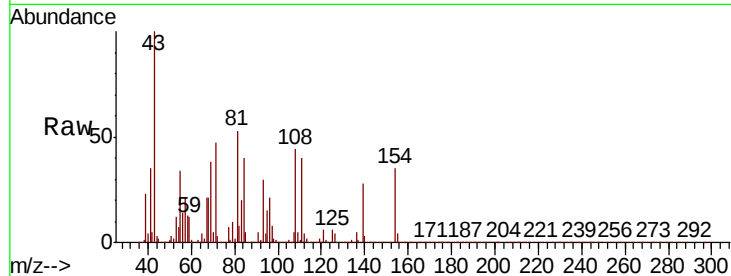




#89
n-Butylbenzene
Concen: 0.611 ug/l
RT: 12.15 min Scan# 1847
Delta R.T. -0.23 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

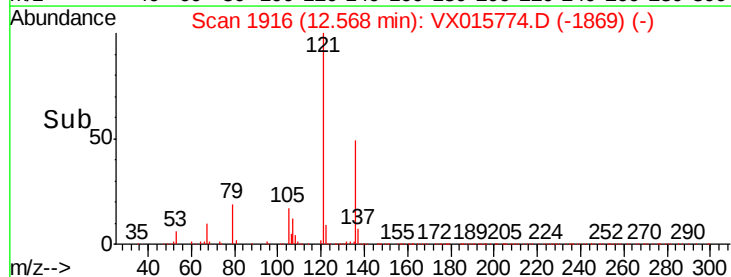
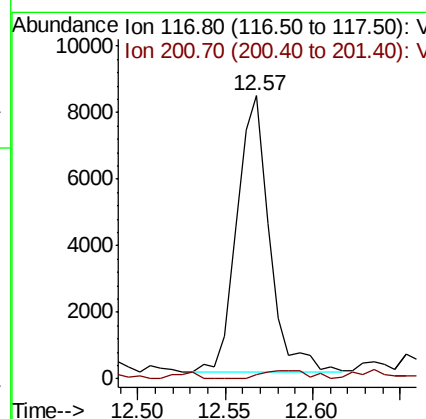
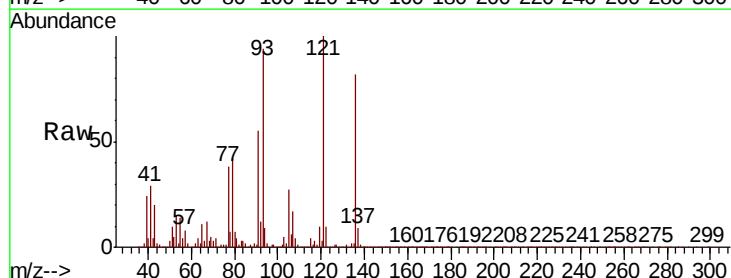
Instrument :
MSVOA_X
ClientSampleId :

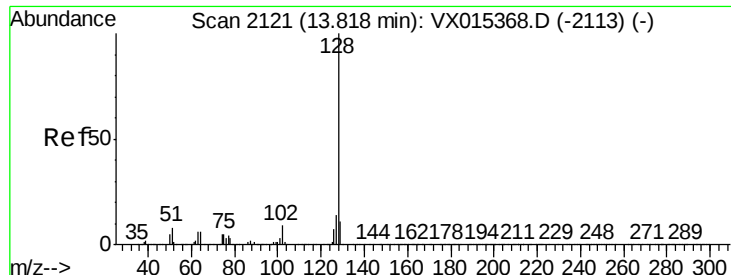
Tot Ion: 91 Resp: 27883
Ion Ratio Lower Upper
91 100
92 35.2 27.2 81.5
134 14.9 13.4 40.2



#90
Hexachloroethane
Concen: 1.103 ug/l
RT: 12.57 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Tgt Ion: 117 Resp: 10835
Ion Ratio Lower Upper
117 100
201 4.4 42.6 128.0#





#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015774.D
Acq: 20 Apr 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	28.8	10.6	15.8#
129	19.6	8.8	13.2#

