

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015450.D
 Acq On : 31 Mar 2020 13:49
 Operator : JC/SP
 Sample : L2050-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:31:21 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	1104762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1834685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1755771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	932796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	762105	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.47	113	570719	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.70	98	2218989	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.12	95	947333	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	5733	0.463	ug/l #	84
5) Bromomethane	1.61	94	117	Below Cal	#	3
11) Tert butyl alcohol	3.01	59	36215	9.710	ug/l	95
13) Acrolein	2.26	56	1535	0.723	ug/l #	27
16) Acetone	2.42	43	797039	119.065	ug/l	100
17) Carbon Disulfide	2.55	76	6519	0.205	ug/l #	74
19) Methyl tert-butyl Ether	3.17	73	121750	3.010	ug/l	97
20) Methylene Chloride	2.84	84	12177	0.974	ug/l #	94
22) Diisopropyl ether	3.83	45	30136	0.698	ug/l #	70
23) Vinyl Acetate	3.83	43	16393	0.419	ug/l #	74
25) 2-Butanone	4.64	43	190035	17.652	ug/l	97
29) Tetrahydrofuran	5.11	42	10177	1.470	ug/l #	60
36) 1,1-Dichloropropene	5.64	75	87096	5.152	ug/l #	52
37) Ethyl Acetate	4.64	43	190035	8.634	ug/l #	72
38) Carbon Tetrachloride	5.63	117	110016	6.009	ug/l #	15
39) Methylcyclohexane	7.45	83	4340	0.223	ug/l	95
40) Benzene	6.12	78	282547	5.706	ug/l	99
42) 1,2-Dichloroethane	6.11	62	4668	0.235	ug/l	97
49) 1,4-Dioxane	7.70	88	863	2.493	ug/l #	58
51) 4-Methyl-2-Pentanone	8.62	43	89691	4.259	ug/l	98
52) Toluene	8.77	92	1878352	61.526	ug/l	98
59) 2-Hexanone	9.48	43	20348	1.280	ug/l	100
67) Ethyl Benzene	10.24	91	1199658	19.317	ug/l	100
68) m/p-Xylenes	10.34	106	3645797	157.655	ug/l	97
69) o-Xylene	10.68	106	2288185	100.133	ug/l	97
70) Styrene	10.68	104	186624	4.641	ug/l #	1
73) Isopropylbenzene	11.00	105	307442	5.030	ug/l	99
74) N-amyl acetate	10.92	43	7665	0.225	ug/l #	25
76) 1,2,3-Trichloropropane	11.42	75	104819	5.464	ug/l #	1
78) n-propylbenzene	11.34	91	1376352	19.694	ug/l	98
79) 2-Chlorotoluene	11.42	91	1480772	34.569	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	4032458	77.254	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	488230	61.072	ug/l #	10
82) 4-Chlorotoluene	11.50	91	443547	8.833	ug/l #	46

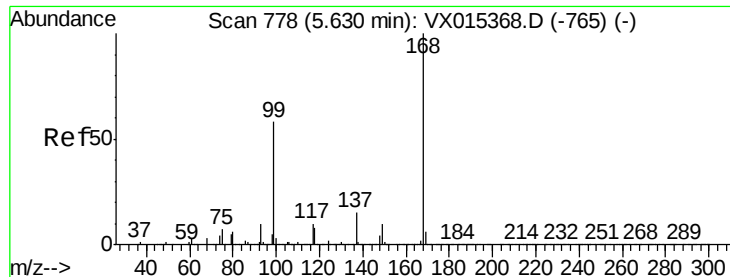
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015450.D
 Acq On : 31 Mar 2020 13:49
 Operator : JC/SP
 Sample : L2050-06
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Instrument :
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 ClientSampleId :

Quant Time: Apr 01 07:31:21 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)
83) tert-Butylbenzene	11.79	119	1928145	37.817	uq/l #	56
84) 1,2,4-Trimethylbenzene	11.79	105	12888335	242.302	uq/l	86
85) sec-Butylbenzene	11.79	105	12888335	218.570	uq/l #	56
86) p-Isopropyltoluene	12.05	119	199760	3.649	uq/l	98
89) n-Butylbenzene	12.36	91	973617	19.681	uq/l #	9
90) Hexachloroethane	12.57	117	263030	24.687	uq/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.96	75	23971	4.050	uq/l #	2
94) Hexachlorobutadiene	13.76	225	2201	0.205	uq/l	84
95) Naphthalene	13.82	128	5096273	73.952	uq/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

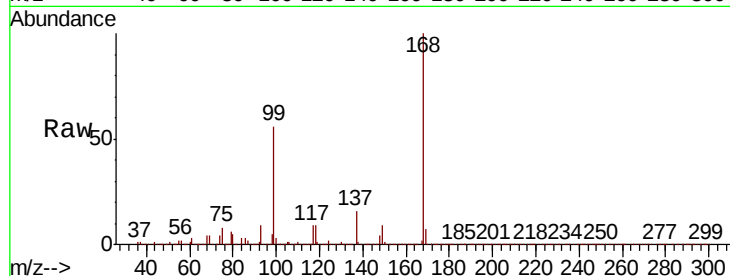
ClientSampled :

Tot Ion:168 Resp: 1104762

Ion Ratio Lower Upper

168 100

99 56.4 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

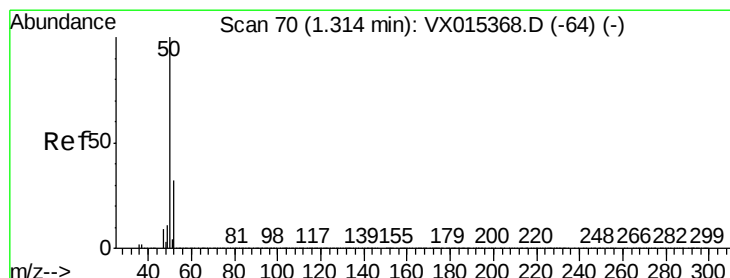
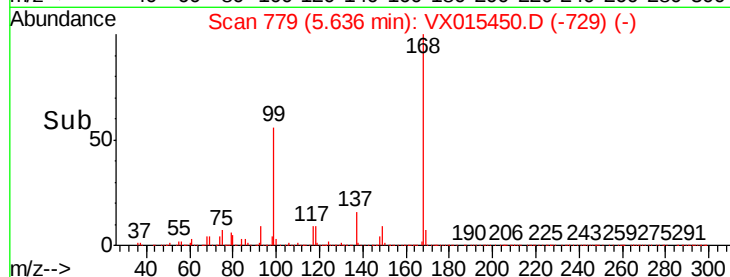
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.463 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015450.D

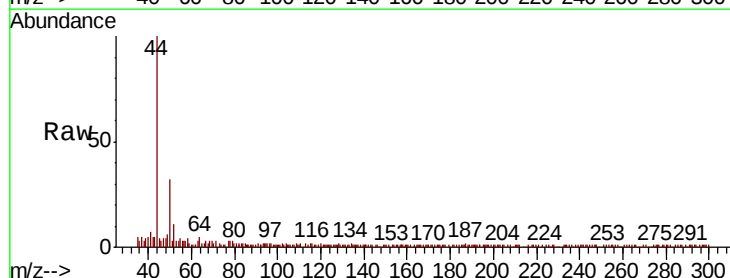
Acq: 31 Mar 2020 13:49

Tgt Ion: 50 Resp: 5733

Ion Ratio Lower Upper

50 100

52 22.8 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

6000

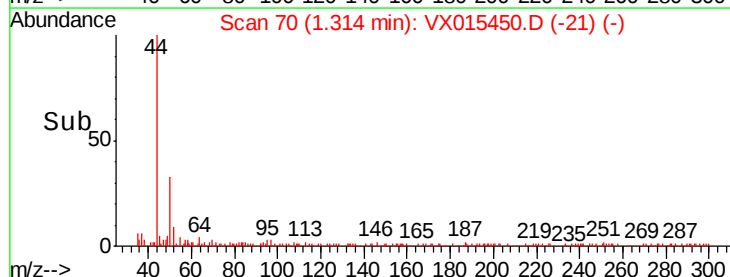
4000

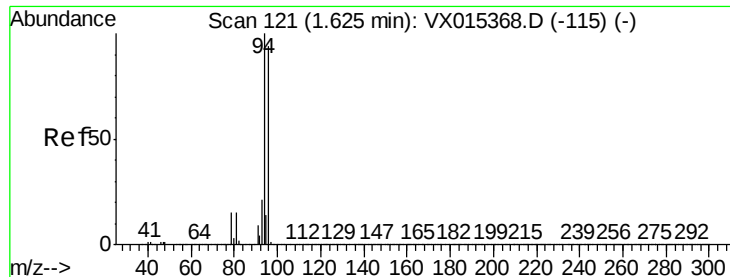
2000

0

Time-->

1.28 1.30 1.32 1.34





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 119

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

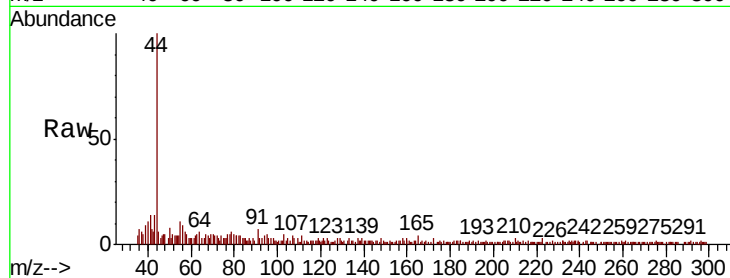
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 117

Ion Ratio Lower Upper

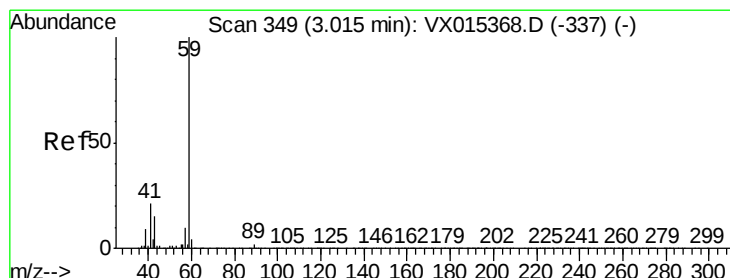
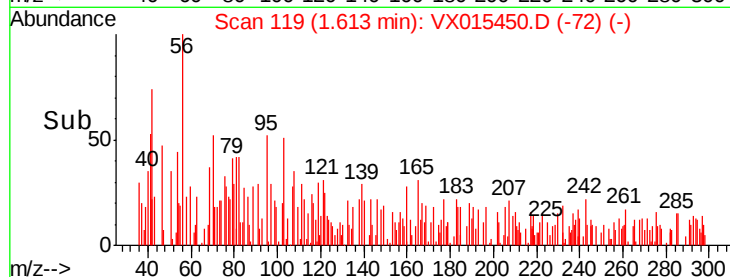
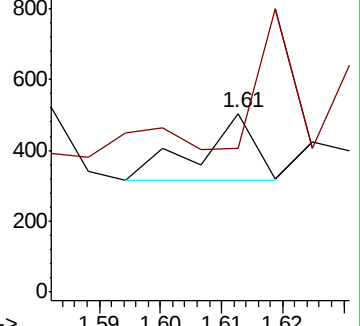
94 100

96 0.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 9.710 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015450.D

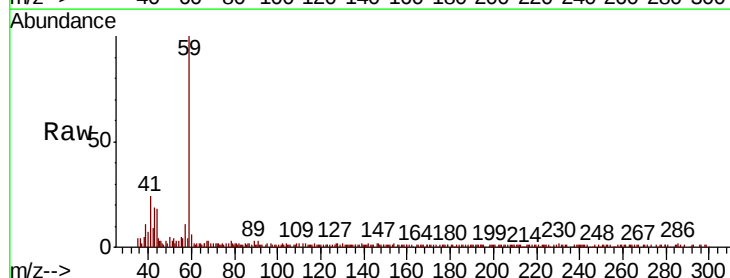
Acq: 31 Mar 2020 13:49

Tgt Ion: 59 Resp: 36215

Ion Ratio Lower Upper

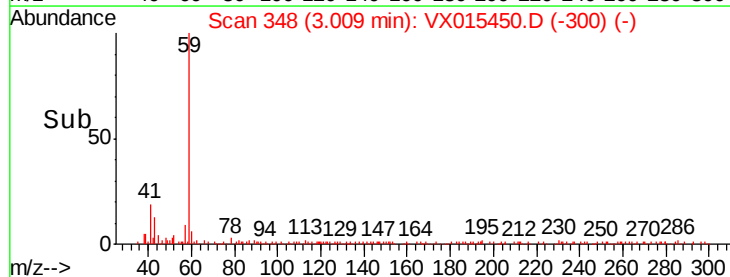
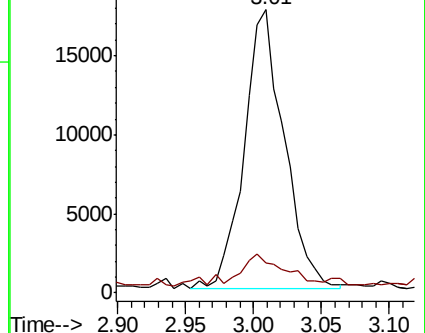
59 100

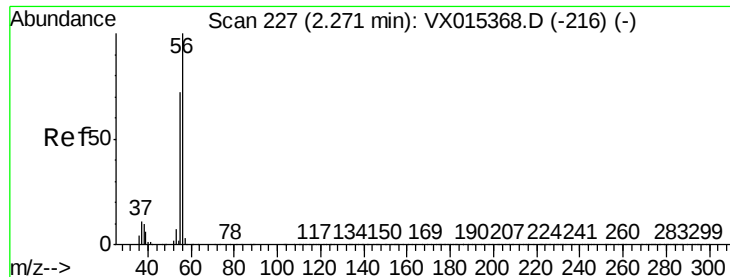
57 11.9 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.723 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

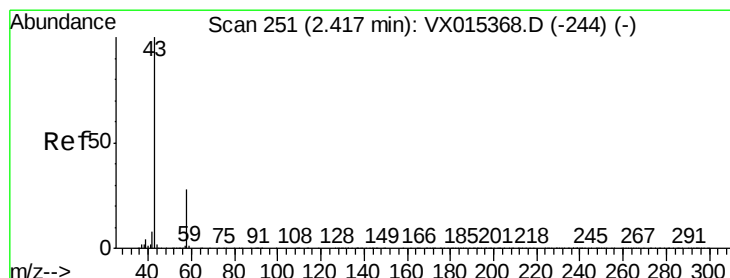
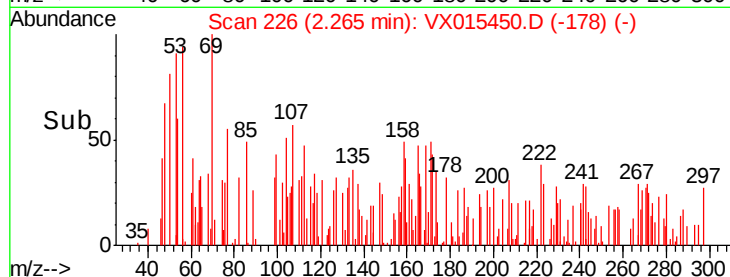
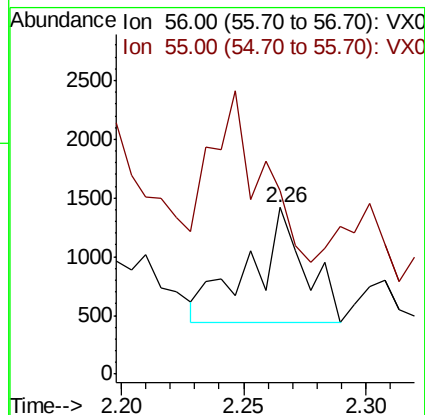
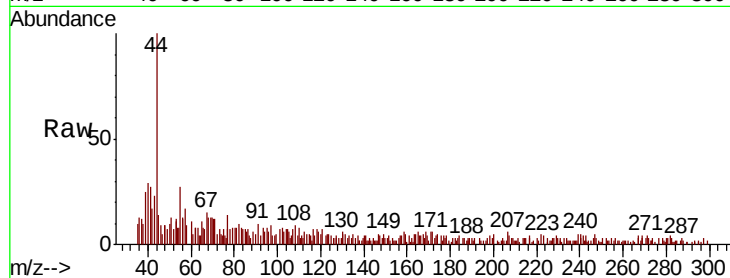
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 1535

Ion Ratio Lower Upper

56 100

55 131.5 57.0 85.4#



#16

Acetone

Concen: 119.065 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015450.D

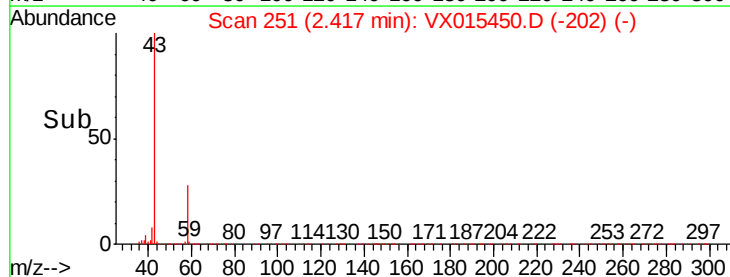
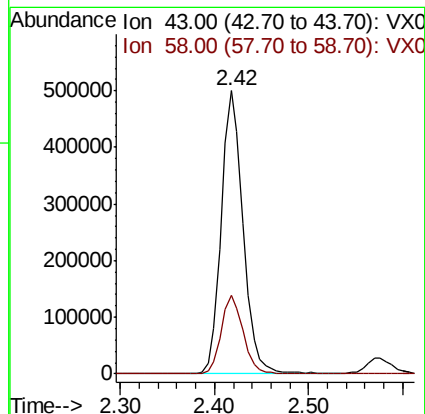
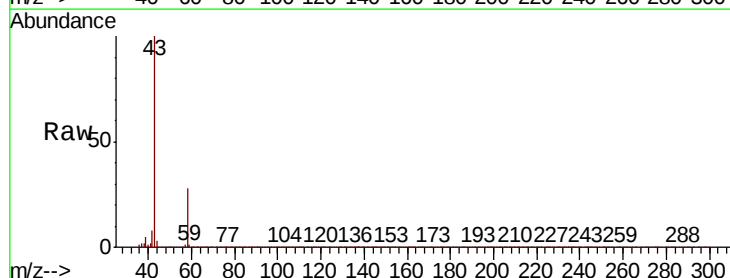
Acq: 31 Mar 2020 13:49

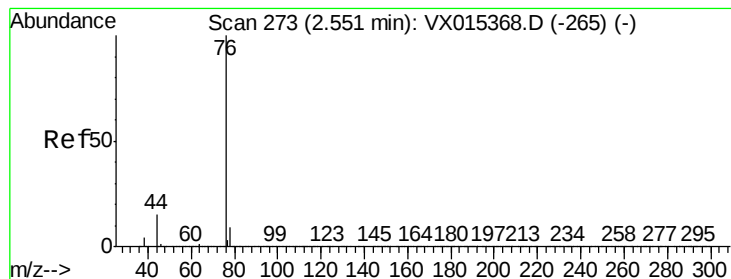
Tgt Ion: 43 Resp: 797039

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1





#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

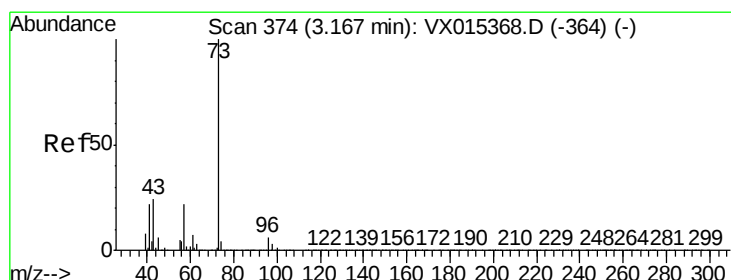
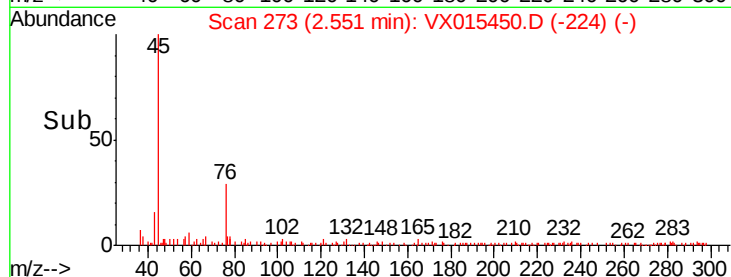
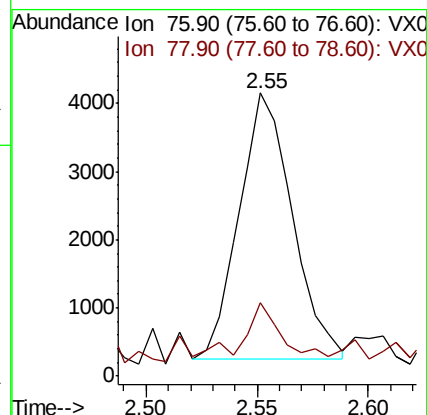
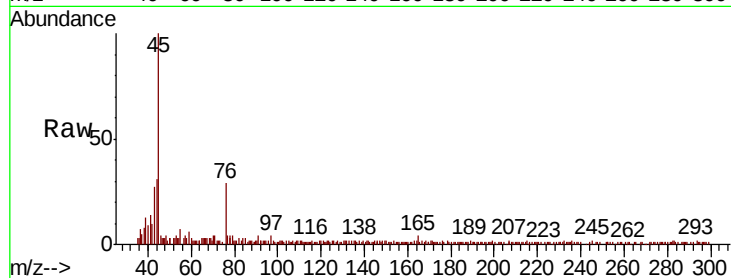
ClientSampleId :

Tot Ion: 76 Resp: 6519

Ion Ratio Lower Upper

76 100

78 18.4 7.1 10.7#



#19

Methyl tert-butyl Ether

Concen: 3.010 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX015450.D

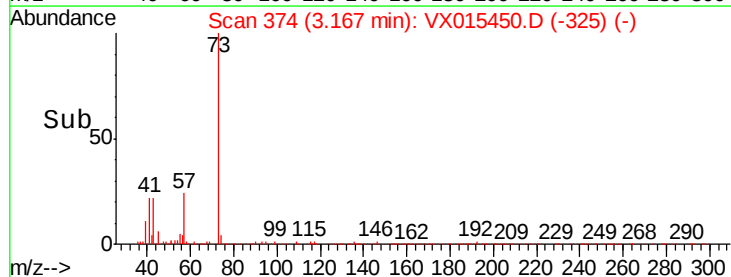
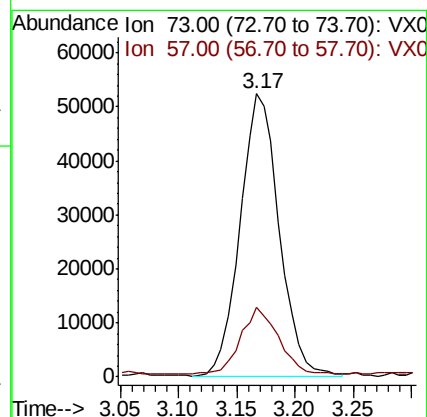
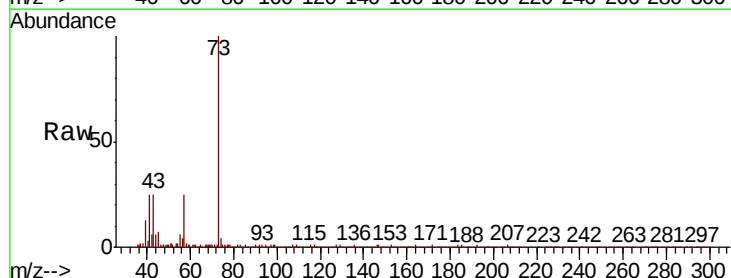
Acq: 31 Mar 2020 13:49

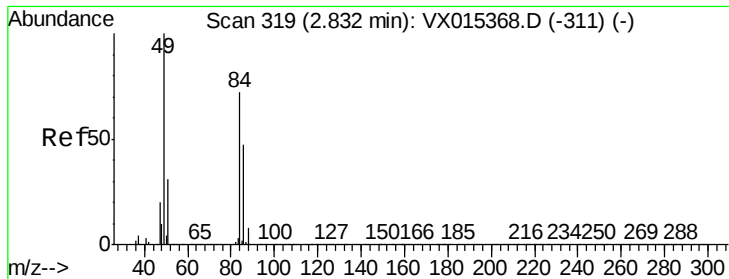
Tgt Ion: 73 Resp: 121750

Ion Ratio Lower Upper

73 100

57 23.9 17.9 26.9

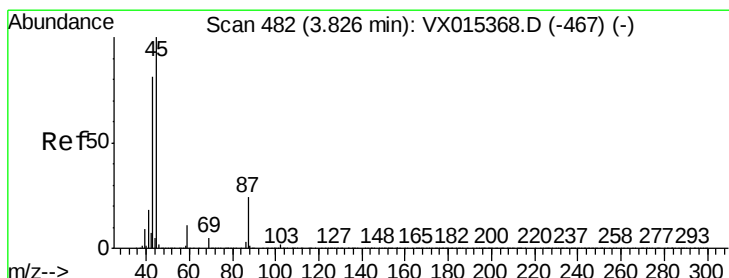
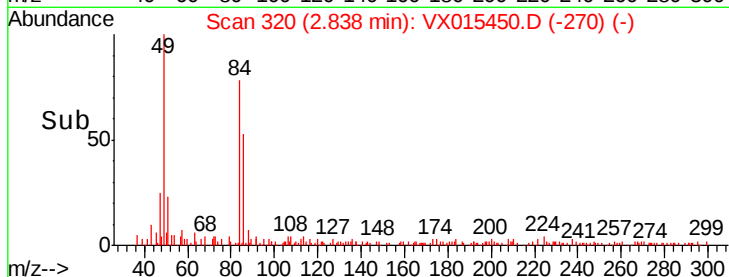
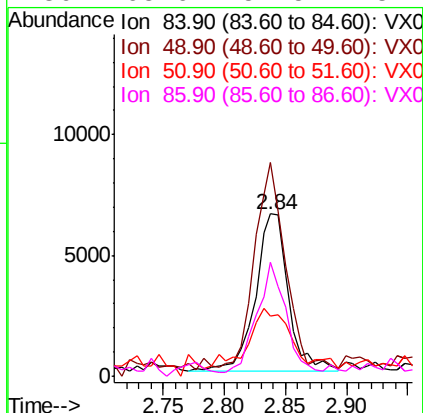
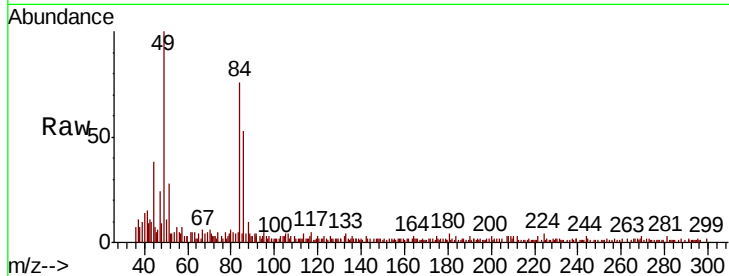




#20
Methvlene Chloride
Concen: 0.974 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

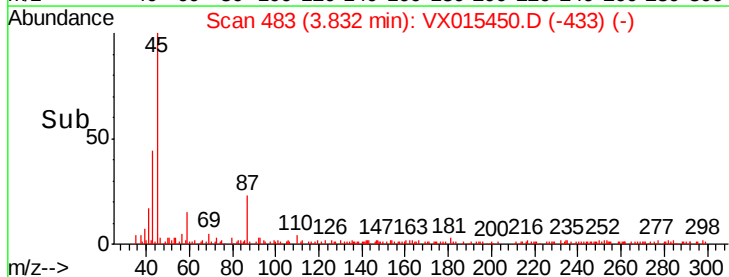
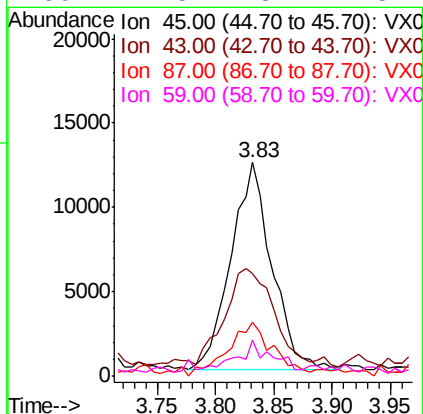
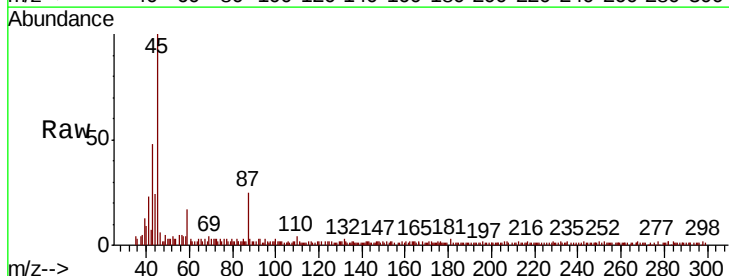
Instrument :
MSVOA_X
ClientSampleId :

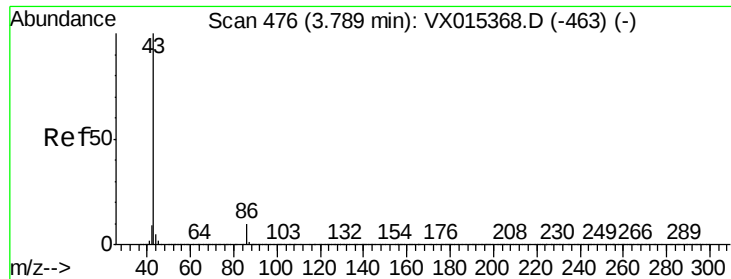
Tot Ion:	84	Resp:	12177
Ion	Ratio	Lower	Upper
84	100		
49	131.3	111.3	166.9
51	33.4	34.0	51.0#
86	65.6	52.5	78.7



#22
Diisopropyl ether
Concen: 0.698 ug/l
RT: 3.83 min Scan# 483
Delta R.T. 0.01 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion:	45	Resp:	30136
Ion	Ratio	Lower	Upper
45	100		
43	44.8	64.7	97.1#
87	25.9	19.4	29.0
59	14.5	8.7	13.1#

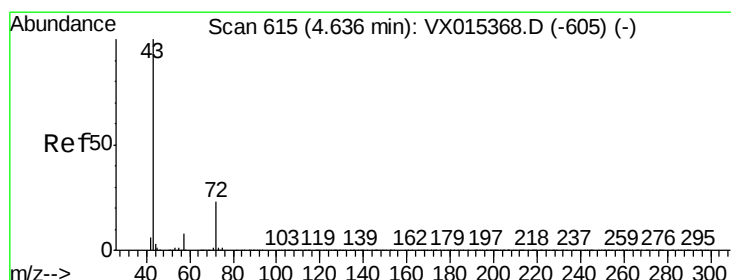
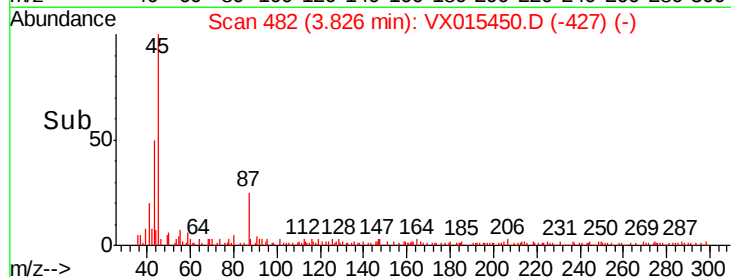
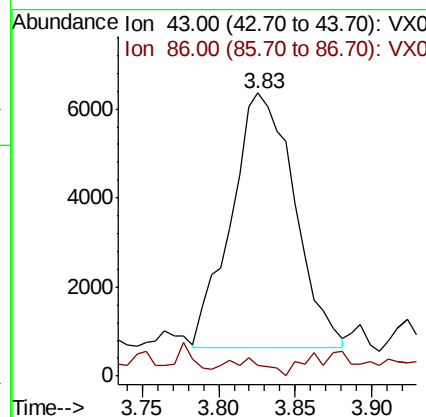
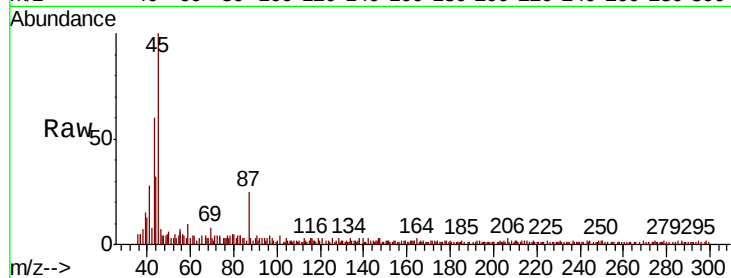




#23
 Vinyl Acetate
 Concen: 0.419 ug/l
 RT: 3.83 min Scan# 482
 Delta R.T. 0.04 min
 Lab File: VX015450.D
 Acq: 31 Mar 2020 13:49

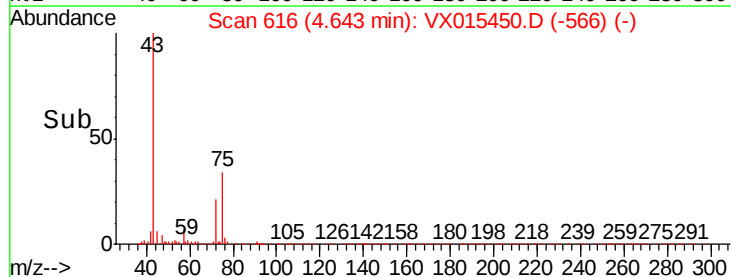
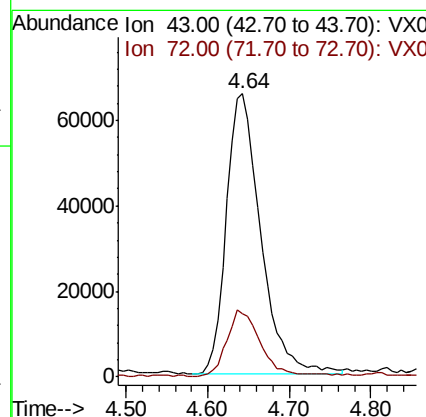
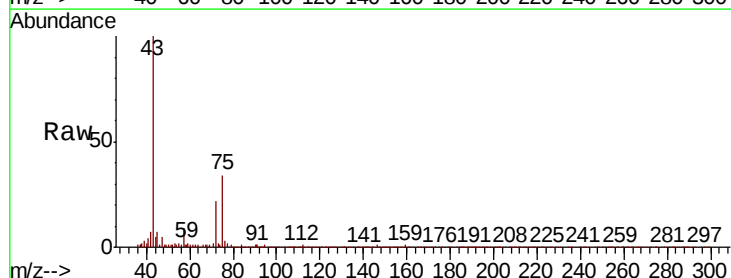
Instrument :
 MSVOA_X
 ClientSampleId :

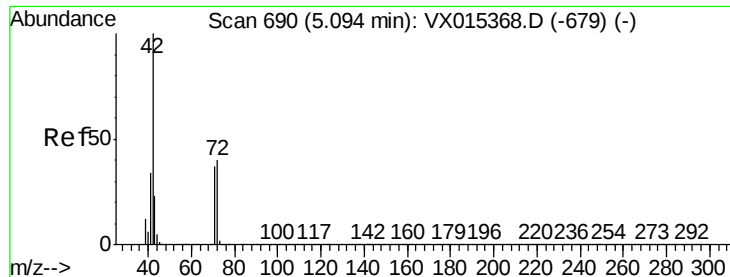
Tot Ion: 43 Resp: 16393
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.6#



#25
 2-Butanone
 Concen: 17.652 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015450.D
 Acq: 31 Mar 2020 13:49

Tgt Ion: 43 Resp: 190035
 Ion Ratio Lower Upper
 43 100
 72 22.1 19.0 28.4





#29

Tetrahydrofuran

Concen: 1.470 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.02 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampled :

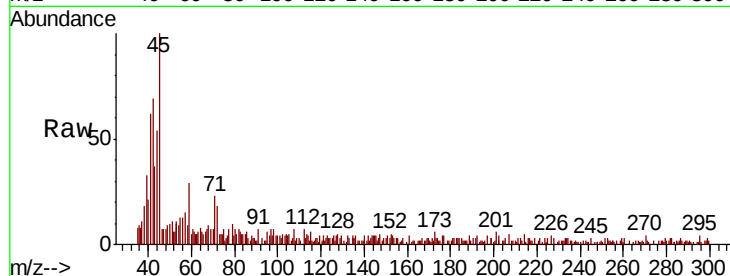
Tot Ion: 42 Resp: 10177

Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

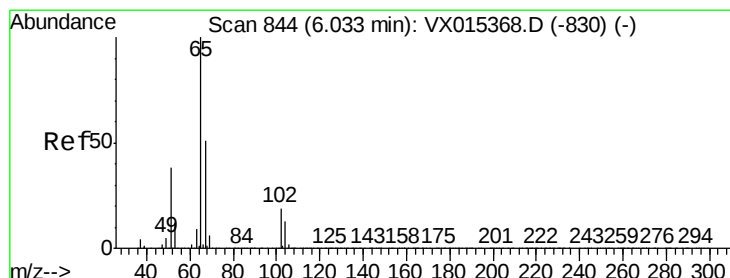
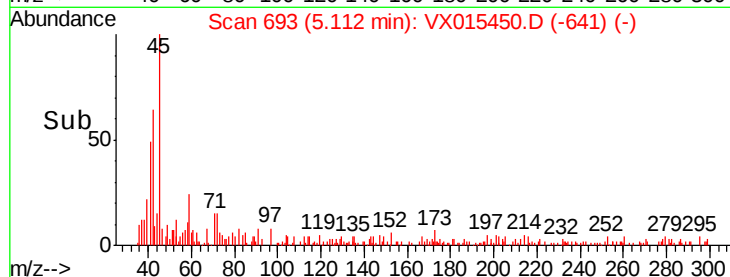
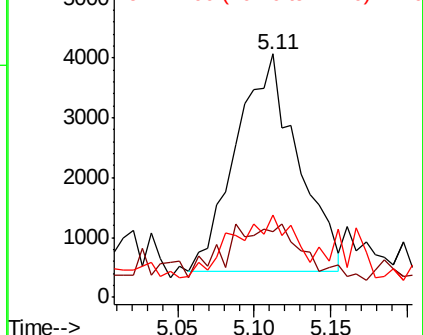
71 28.8 29.6 44.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.911 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015450.D

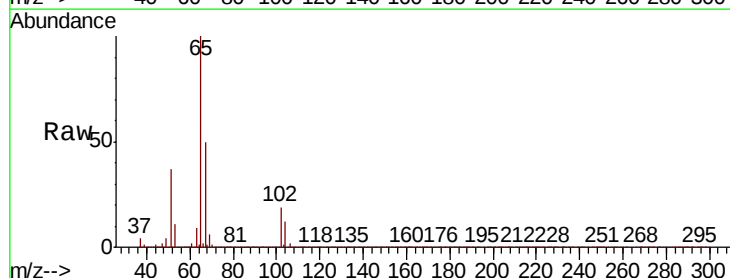
Acq: 31 Mar 2020 13:49

Tgt Ion: 65 Resp: 762105

Ion Ratio Lower Upper

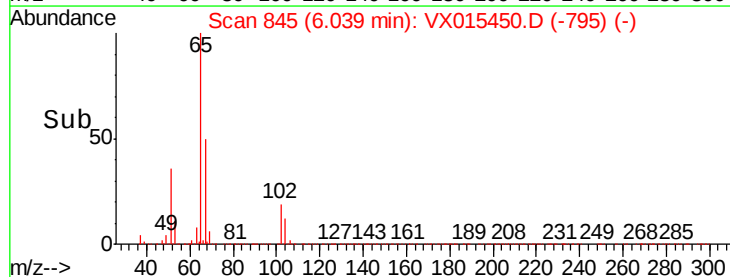
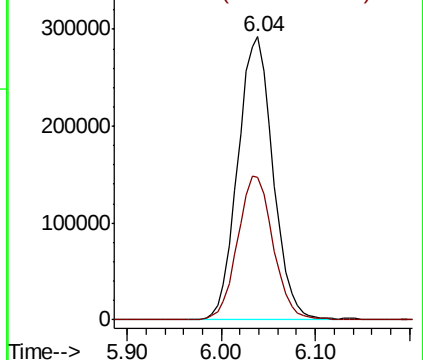
65 100

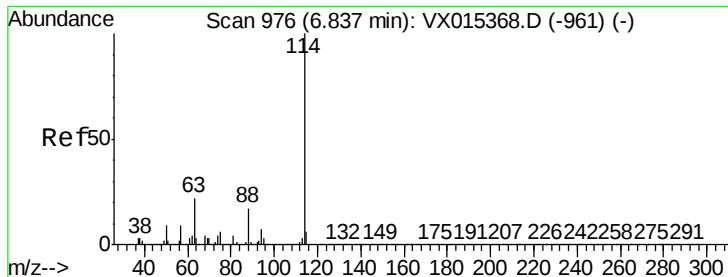
67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

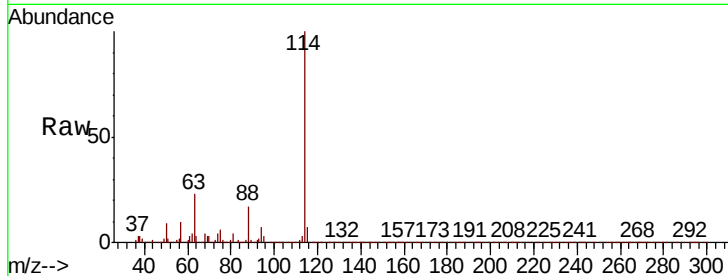
Tot Ion:114 Resp: 1834685

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

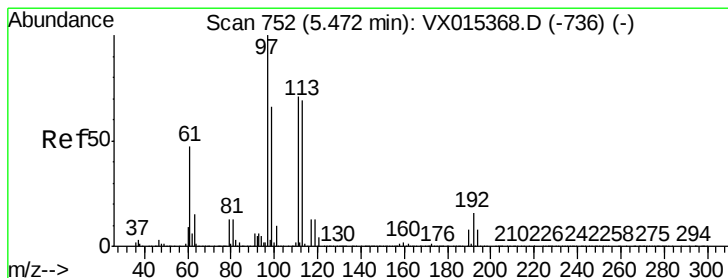
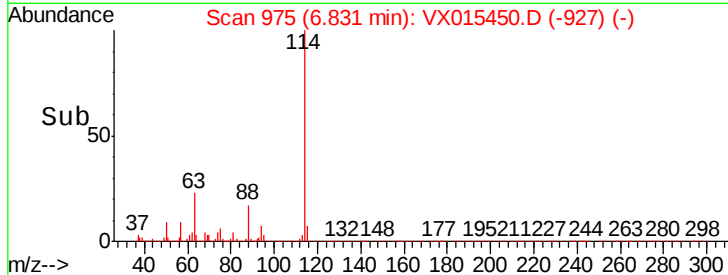
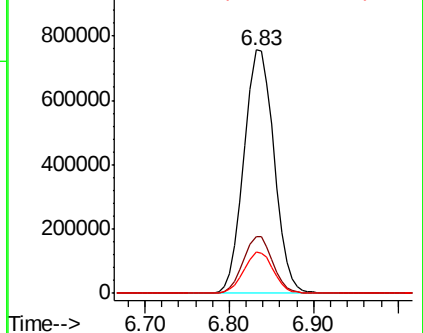
88 16.8 0.0 33.8



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: 48.664 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

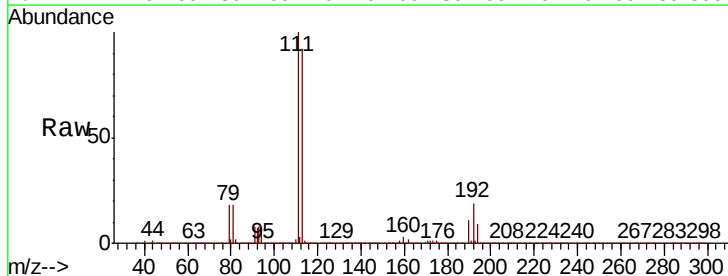
Tgt Ion:113 Resp: 570719

Ion Ratio Lower Upper

113 100

111 104.4 81.5 122.3

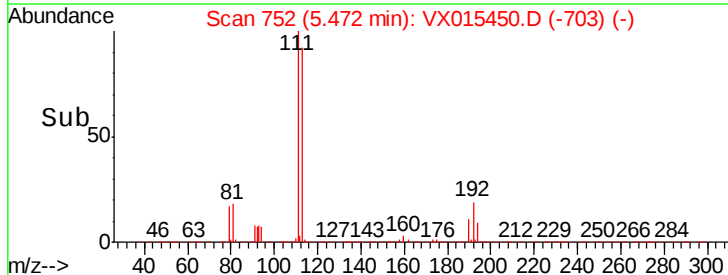
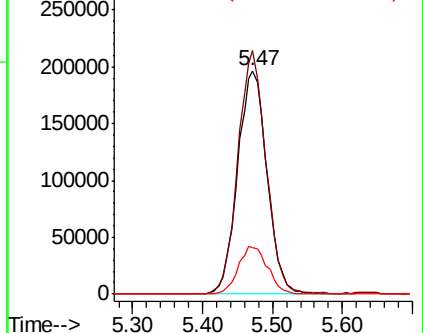
192 21.4 17.8 26.6

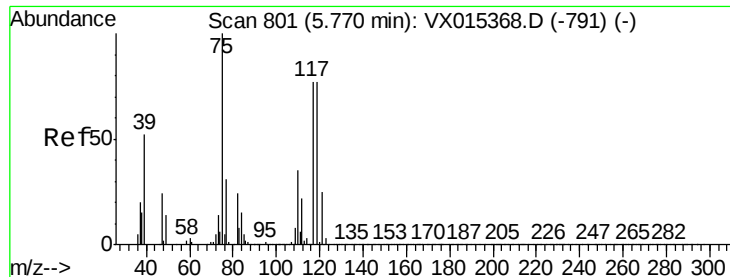


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

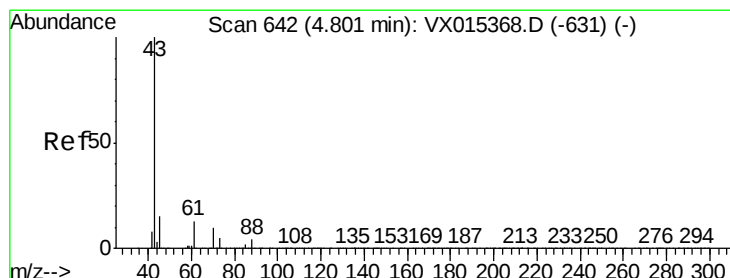
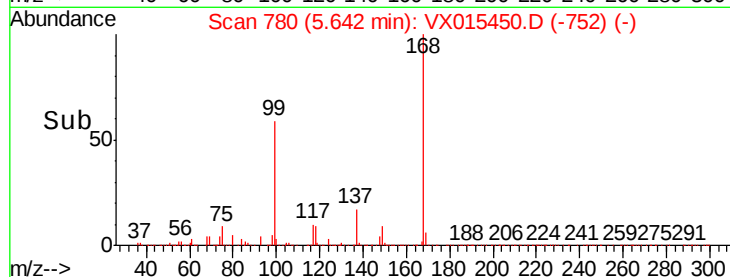
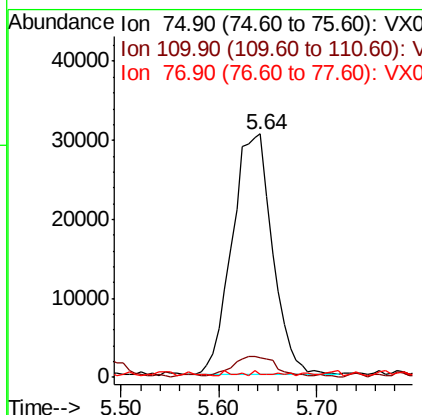
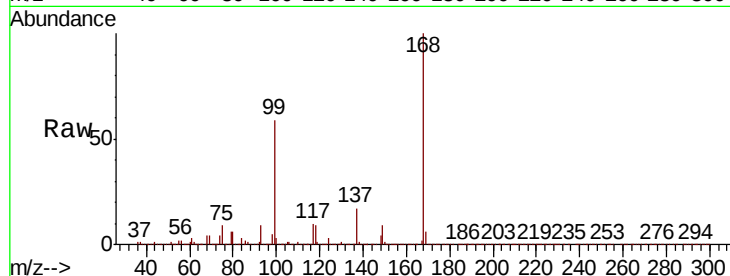




#36
 1,1-Dichloropropene
 Concen: 5.152 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX015450.D
 Acq: 31 Mar 2020 13:49

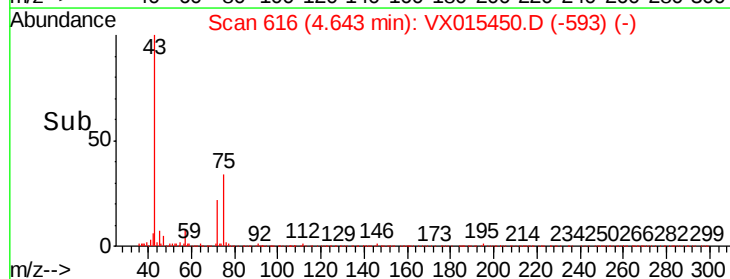
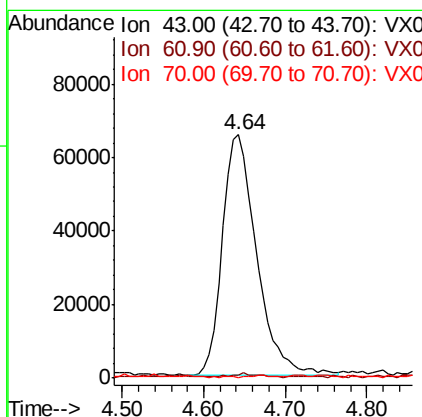
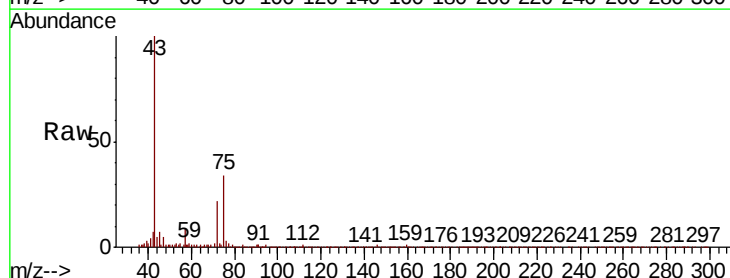
Instrument :
 MSVOA_X
 ClientSampleId :

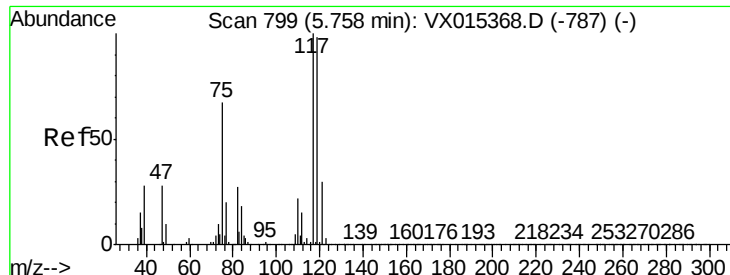
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.1	51.3#
77	0.3	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 8.634 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. -0.16 min
 Lab File: VX015450.D
 Acq: 31 Mar 2020 13:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.1	9.9	14.9#
70	0.0	8.1	12.1#





#38

Carbon Tetrachloride

Concen: 6.009 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

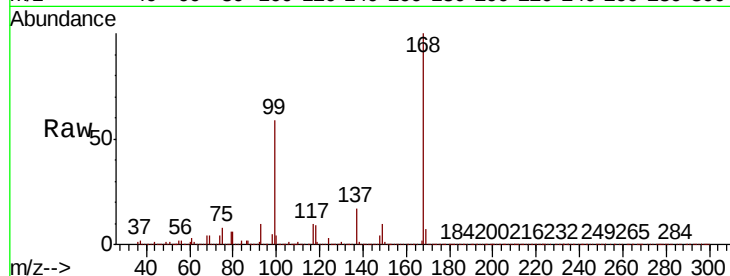
Tot Ion:117 Resp: 110016

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

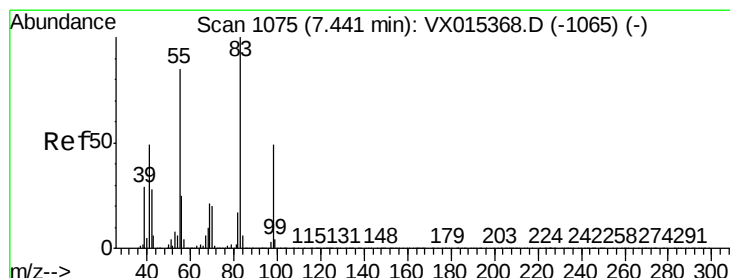
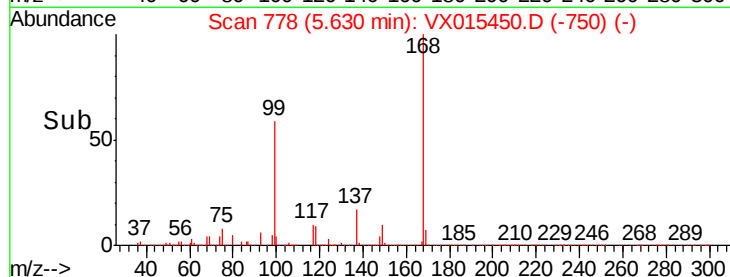
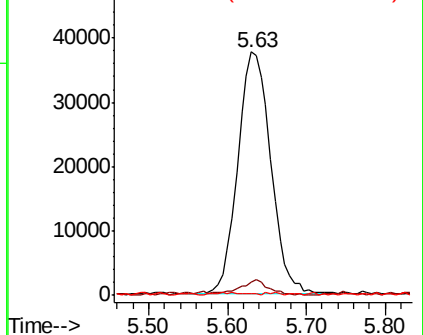
121 0.0 23.8 35.8#



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



#39

Methylcyclohexane

Concen: 0.223 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

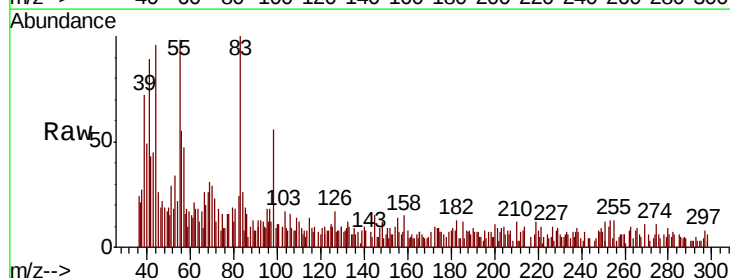
Tgt Ion: 83 Resp: 4340

Ion Ratio Lower Upper

83 100

55 78.3 67.8 101.6

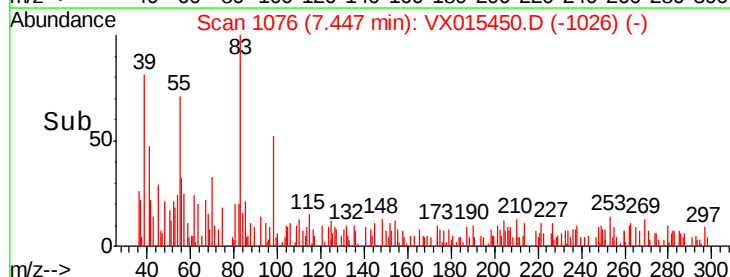
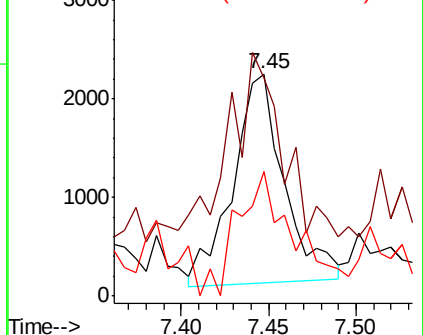
98 48.5 39.3 58.9

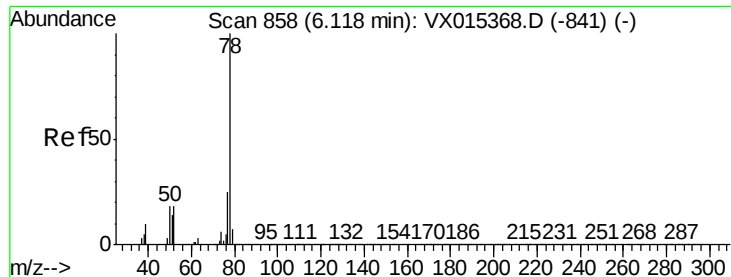


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.706 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

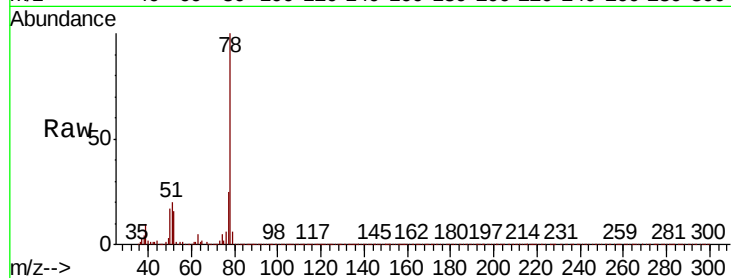
ClientSampleId :

Tot Ion: 78 Resp: 282547

Ion Ratio Lower Upper

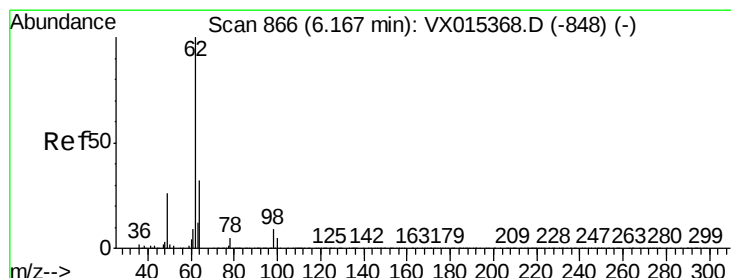
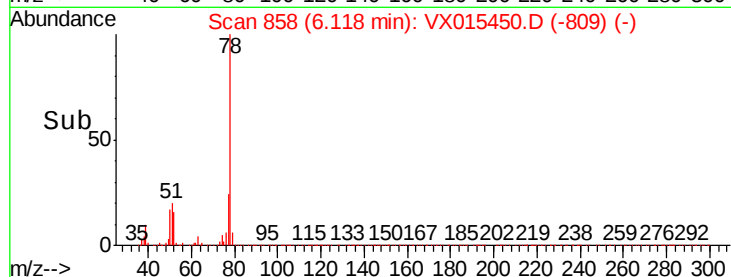
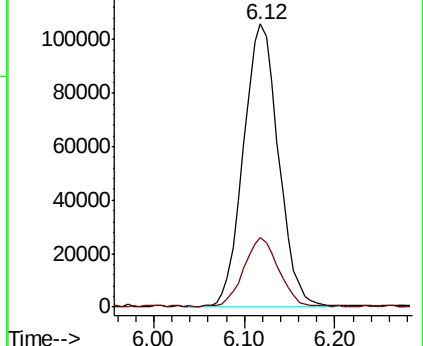
78 100

77 24.2 19.8 29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.235 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.05 min

Lab File: VX015450.D

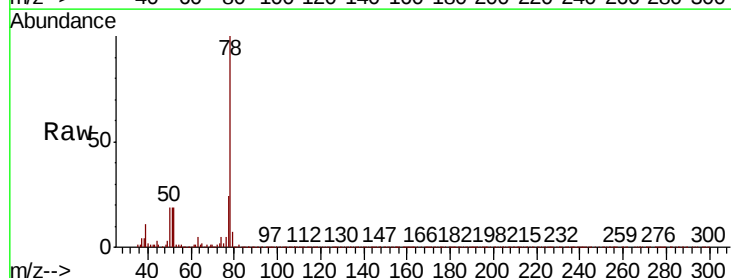
Acq: 31 Mar 2020 13:49

Tgt Ion: 62 Resp: 4668

Ion Ratio Lower Upper

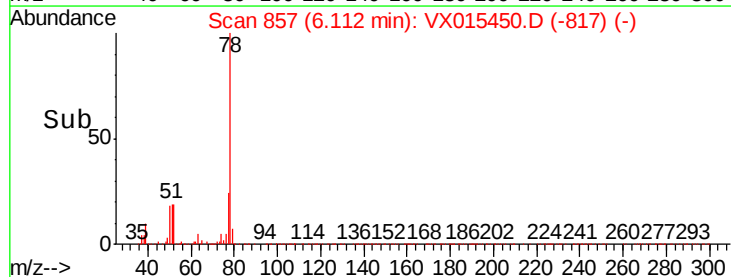
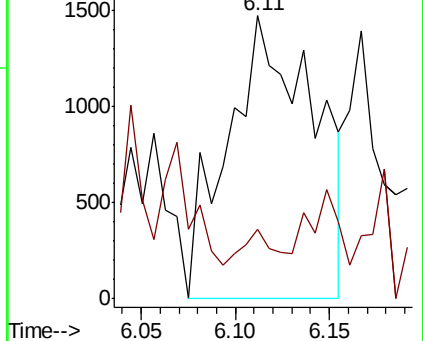
62 100

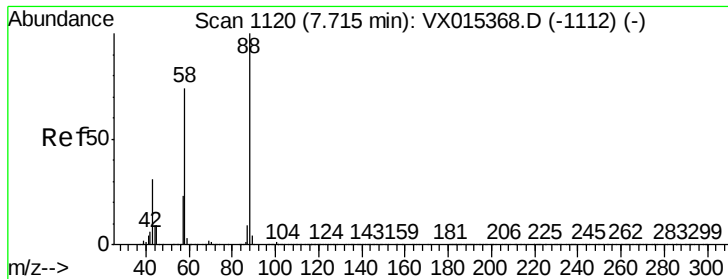
98 7.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

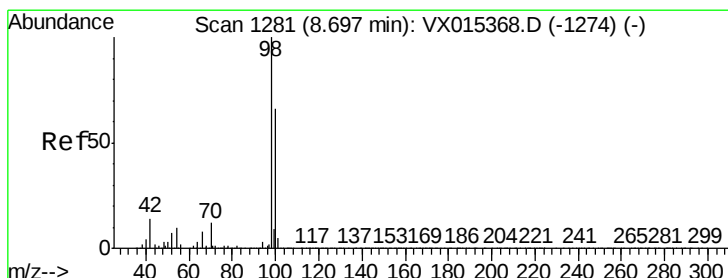
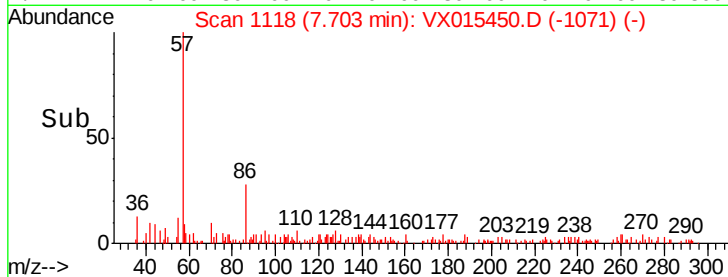
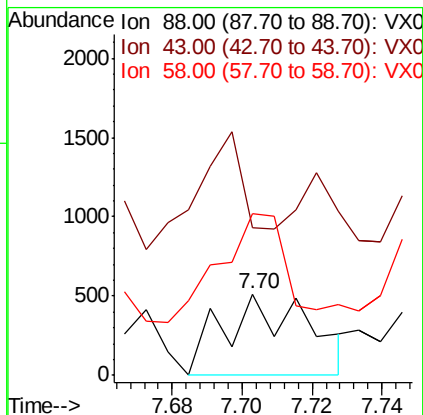
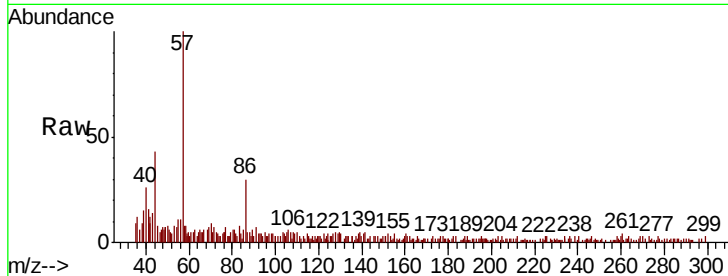




#49
1,4-Dioxane
Concen: 2.493 ug/l
RT: 7.70 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

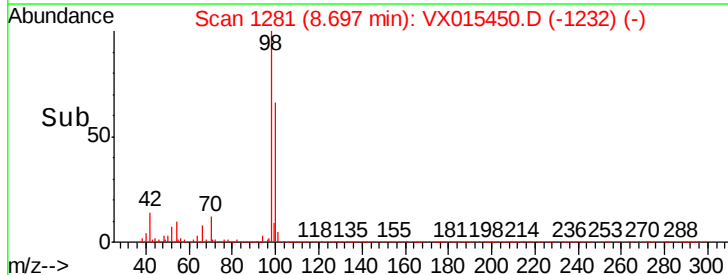
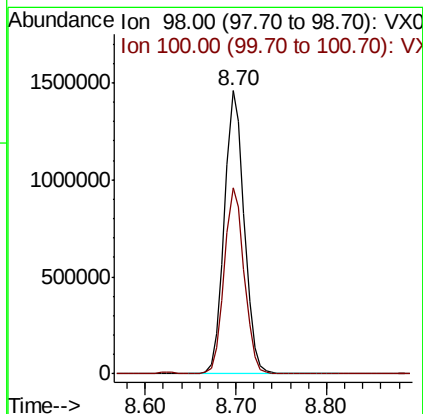
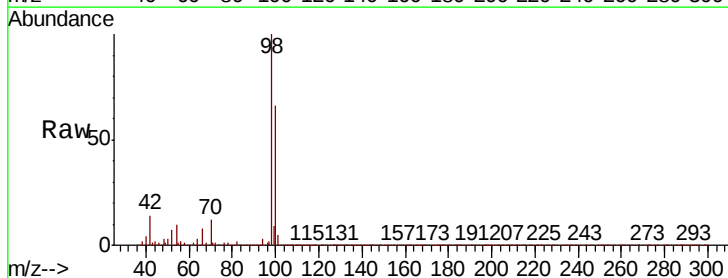
Instrument :
MSVOA_X
ClientSampled :

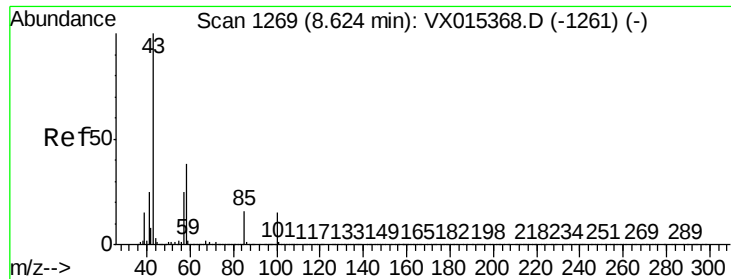
Tot Ion: 88 Resp: 863
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 102.9 60.6 90.8#



#50
Toluene-d8
Concen: 51.391 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion: 98 Resp: 2218989
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 4.259 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

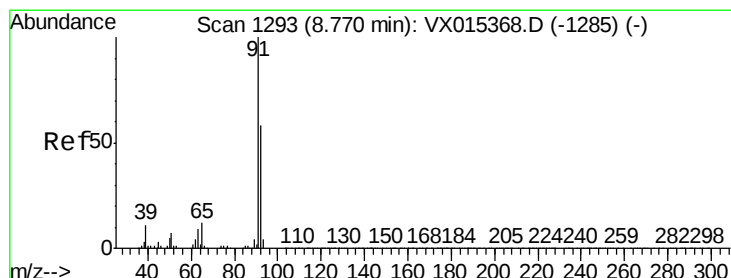
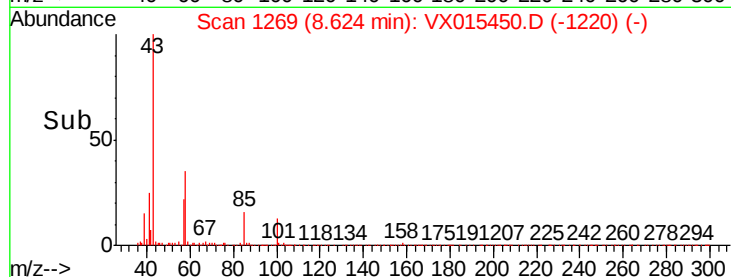
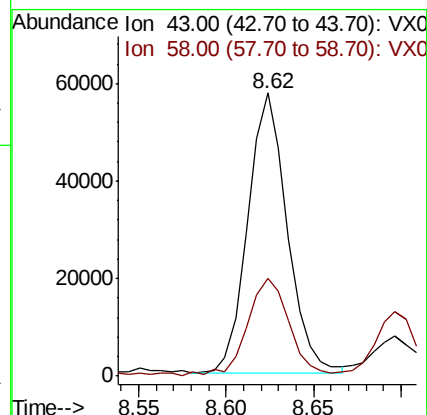
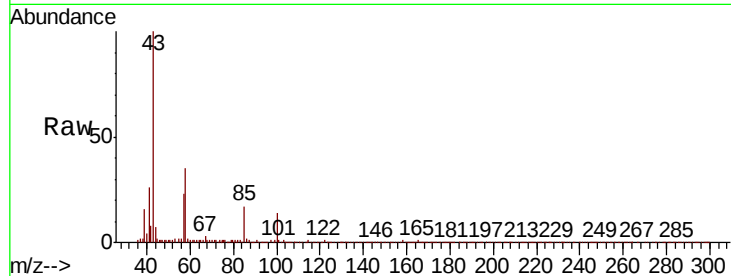
ClientSampleId :

Tot Ion: 43 Resp: 89691

Ion Ratio Lower Upper

43 100

58 36.1 29.7 44.5



#52

Toluene

Concen: 61.526 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015450.D

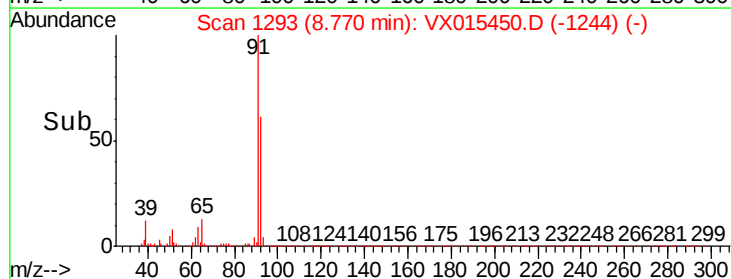
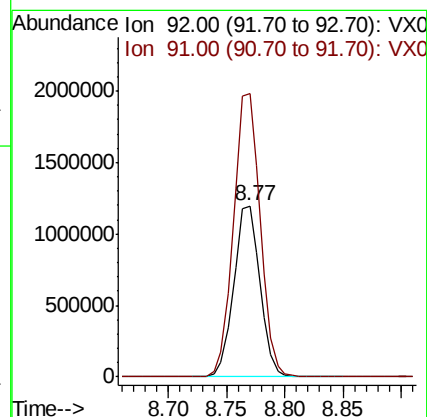
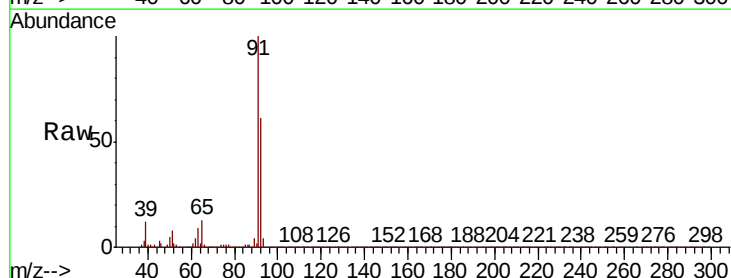
Acq: 31 Mar 2020 13:49

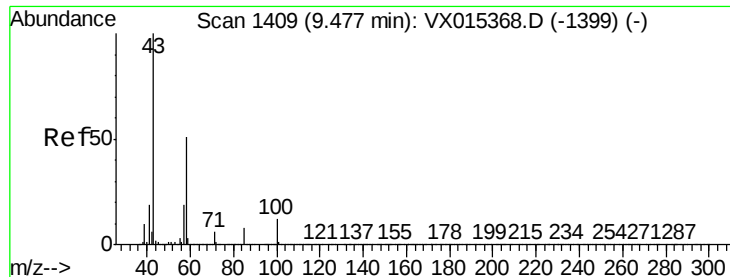
Tgt Ion: 92 Resp: 1878352

Ion Ratio Lower Upper

92 100

91 168.6 136.6 205.0

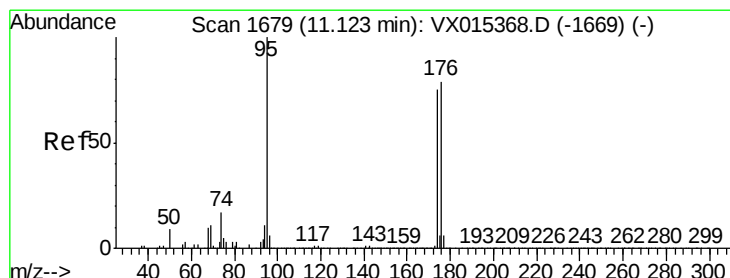
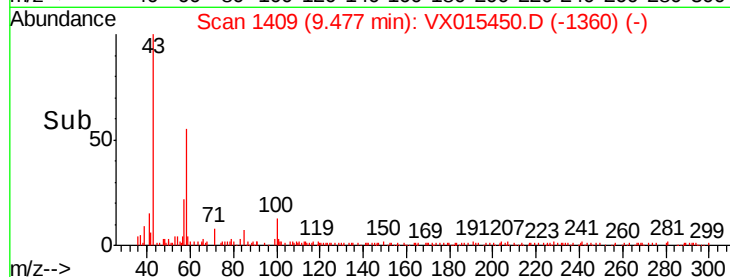
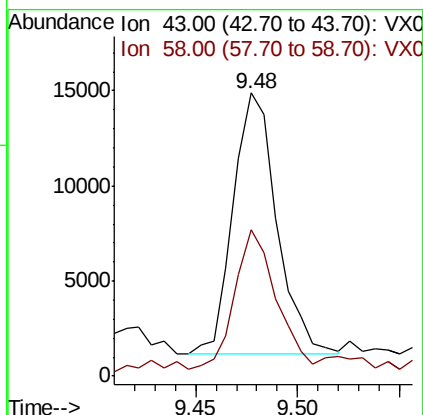
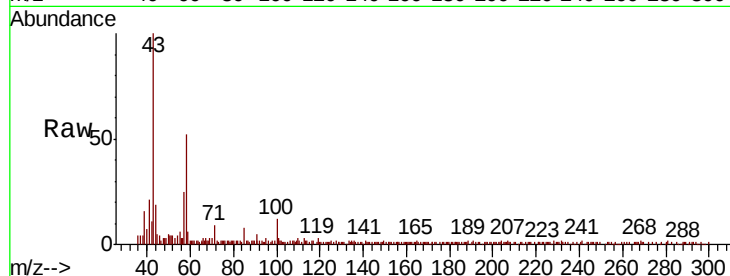




#59
2-Hexanone
Concen: 1.280 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

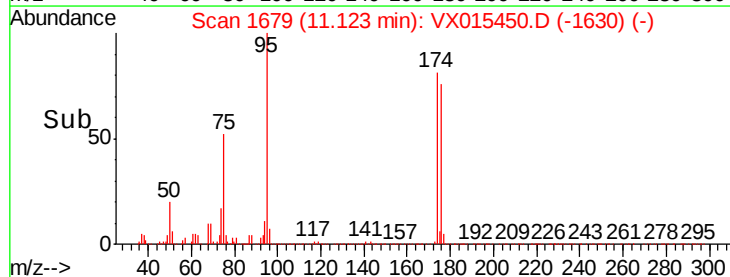
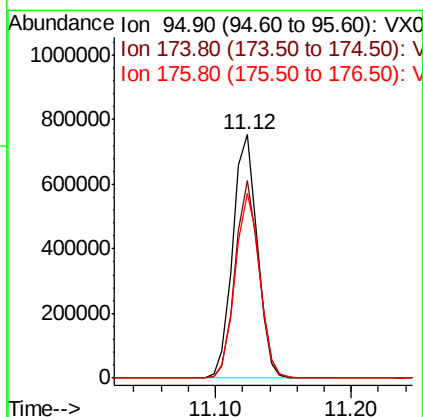
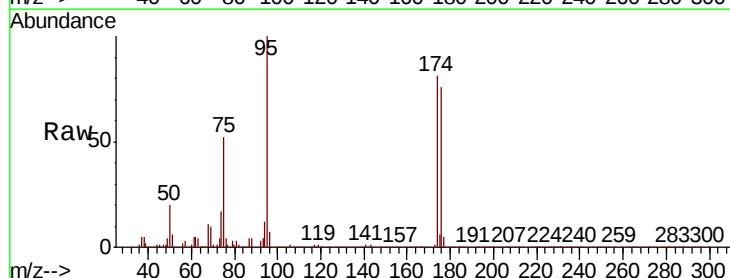
Instrument :
MSVOA_X
ClientSampleId :

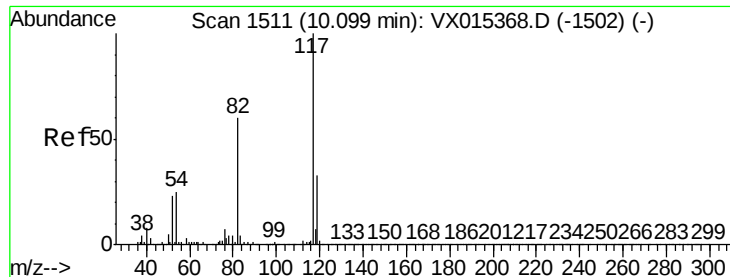
Tot Ion: 43 Resp: 20348
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6



#62
4-Bromofluorobenzene
Concen: 53.986 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion: 95 Resp: 947333
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.6
176 76.0 0.0 159.0

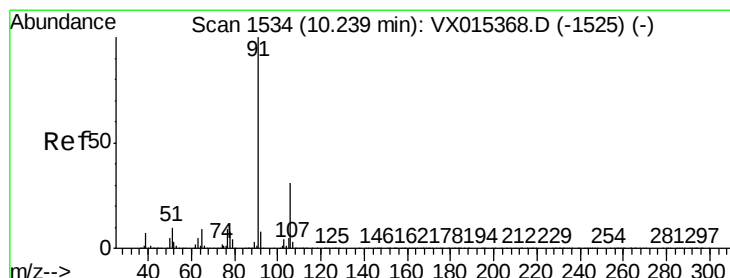
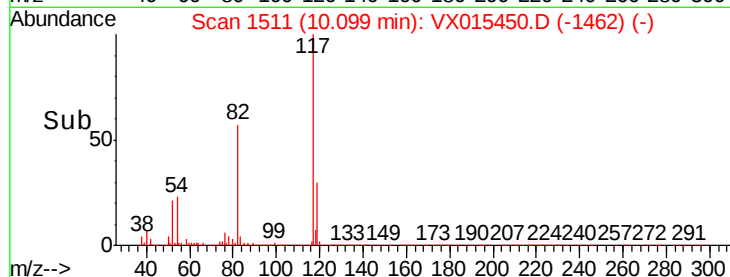
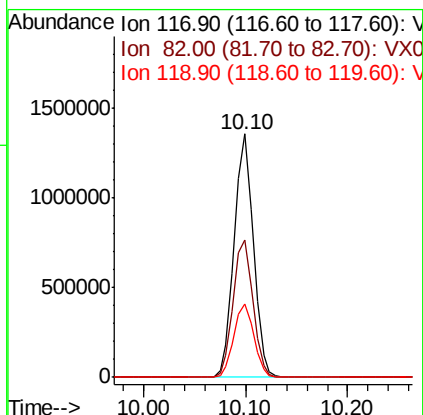
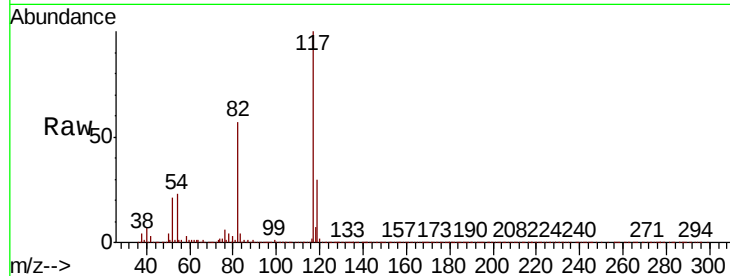




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

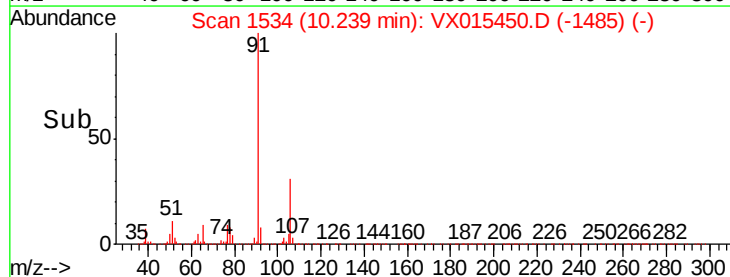
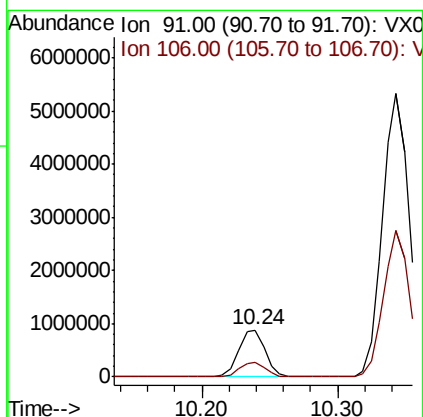
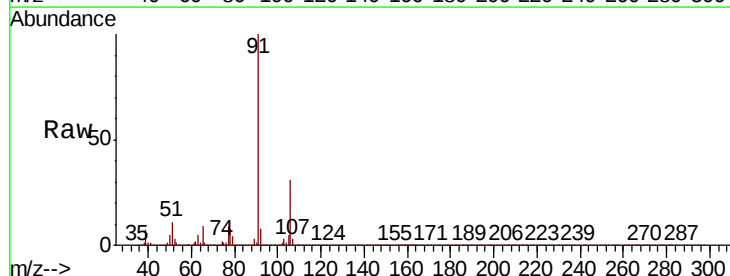
Instrument :
MSVOA_X
ClientSampleId :

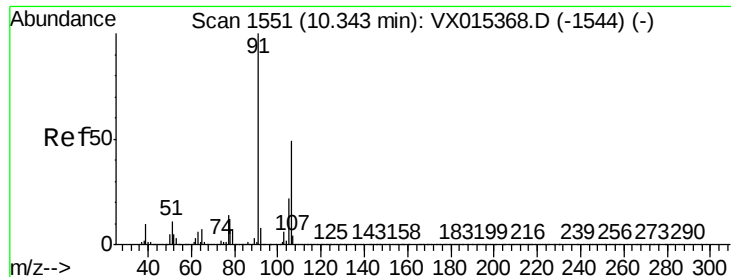
Tot Ion:117 Resp: 1755771
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.8
119 30.4 26.8 40.2



#67
Ethyl Benzene
Concen: 19.317 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion: 91 Resp: 1199658
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2





#68

m/p-Xylenes

Concen: 157.655 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

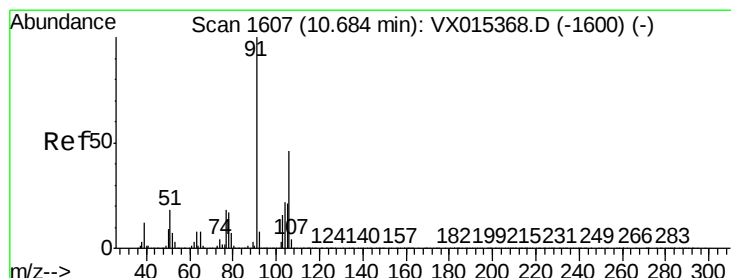
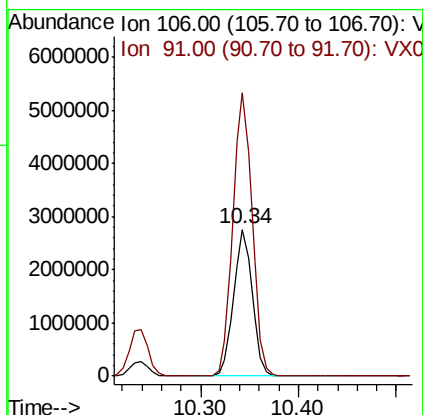
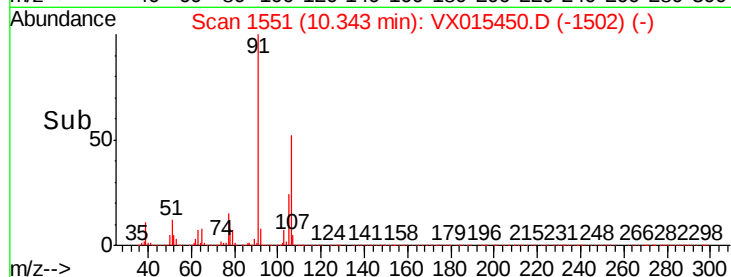
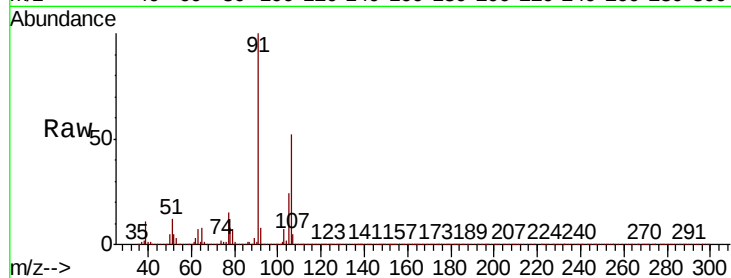
ClientSampleId :

Tot Ion:106 Resp: 3645797

Ion Ratio Lower Upper

106 100

91 200.3 163.4 245.0



#69

o-Xylene

Concen: 100.133 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015450.D

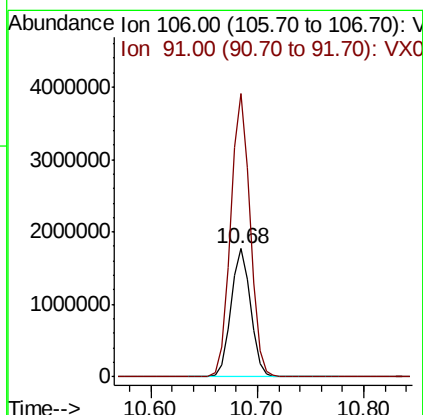
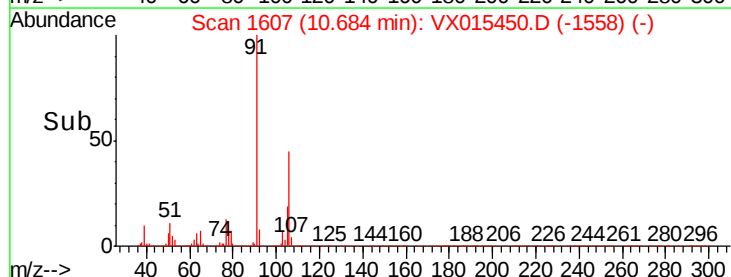
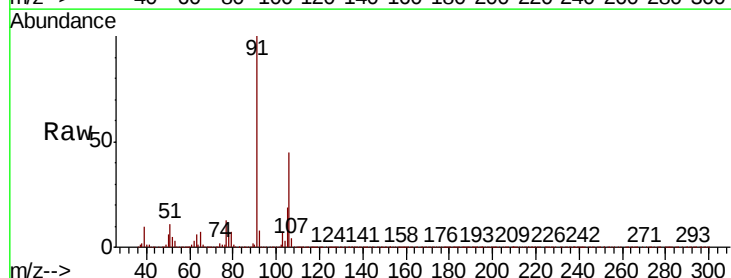
Acq: 31 Mar 2020 13:49

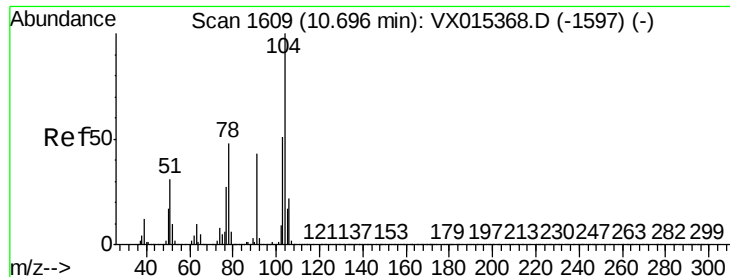
Tgt Ion:106 Resp: 2288185

Ion Ratio Lower Upper

106 100

91 219.4 107.1 321.3

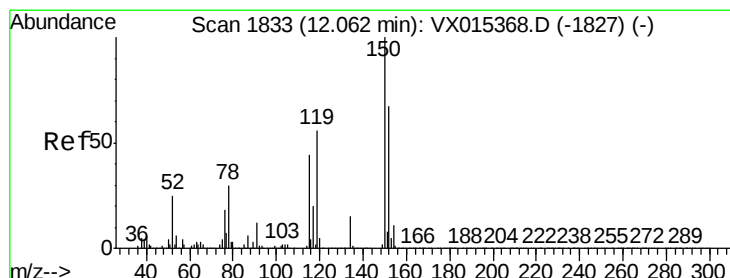
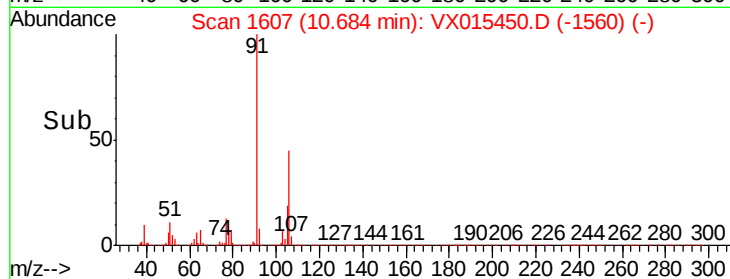
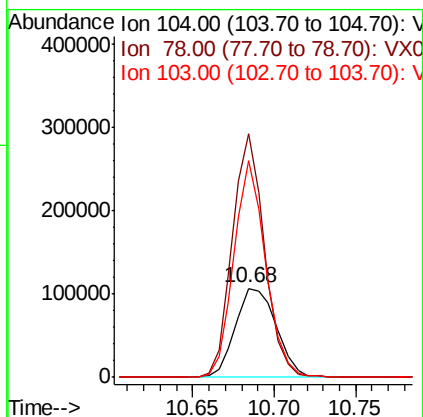
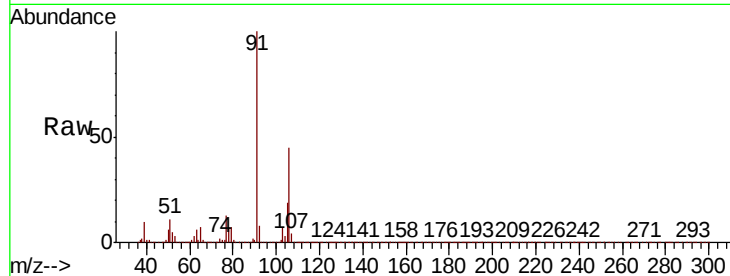




#70
Stvrene
Concen: 4.641 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.01 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

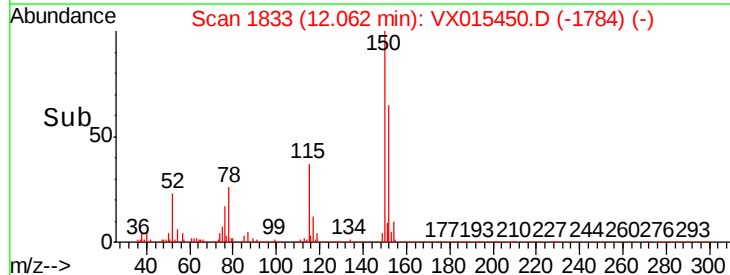
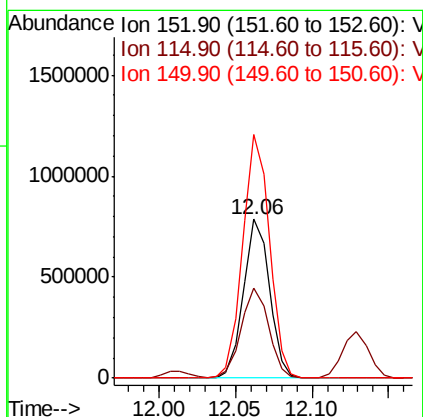
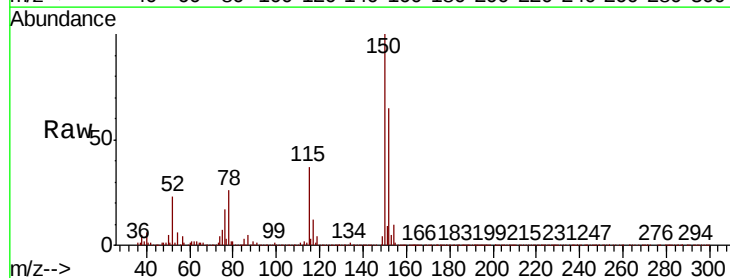
Instrument :
MSVOA_X
ClientSampleId :

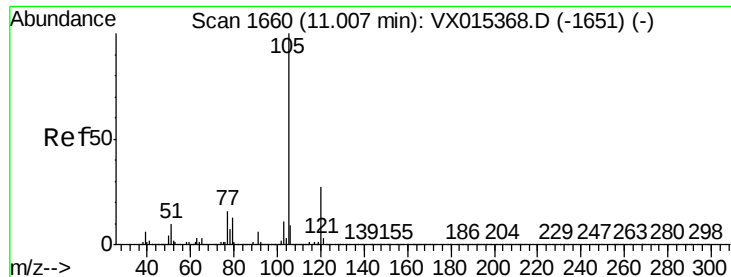
Tot Ion	Ratio	Lower	Upper
104	100		
78	214.3	42.0	63.0#
103	188.6	43.4	65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	39.0	116.9
150	157.1	0.0	340.8





#73

Isopropylbenzene

Concen: 5.030 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

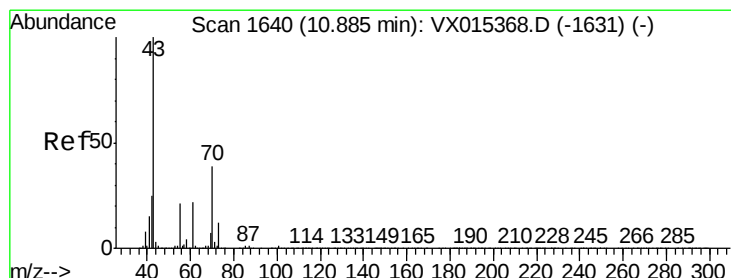
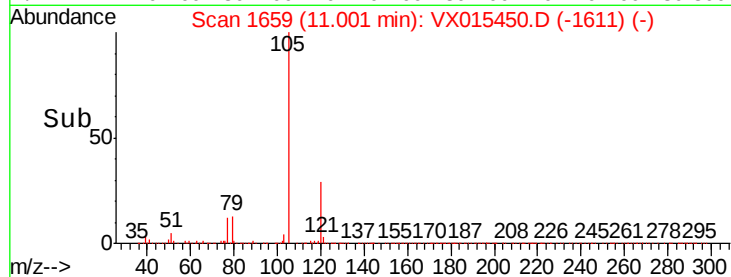
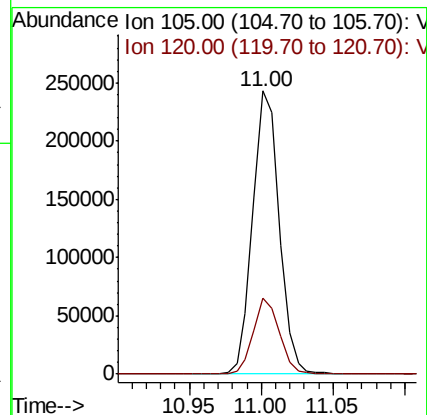
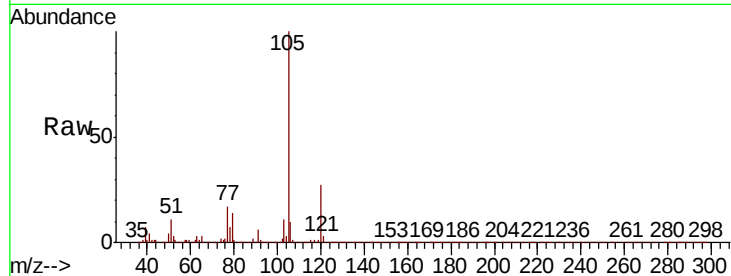
ClientSampleId :

Tot Ion:105 Resp: 307442

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 0.225 ug/l

RT: 10.92 min Scan# 1646

Delta R.T. 0.04 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Tgt Ion: 43 Resp: 7665

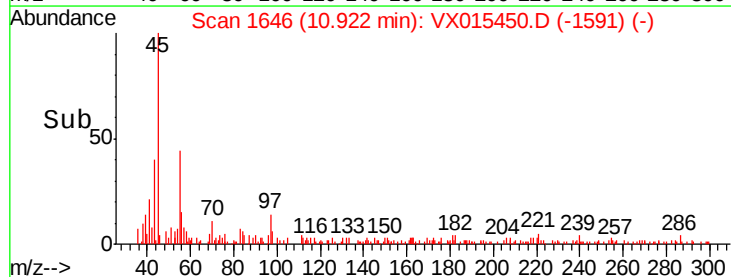
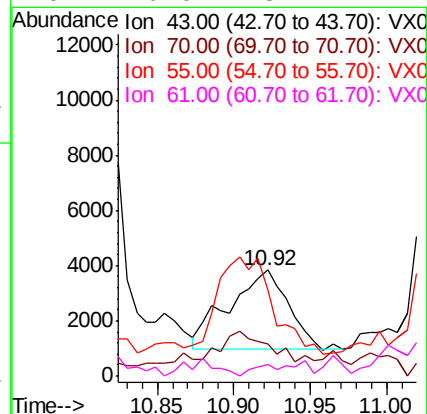
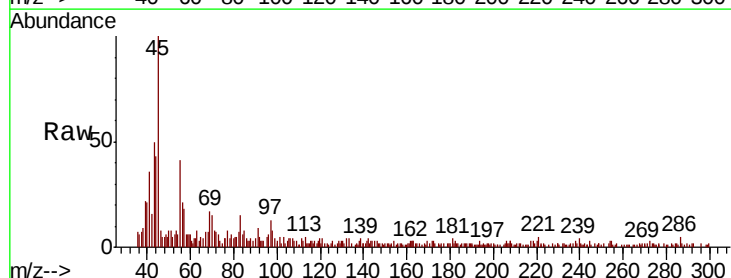
Ion Ratio Lower Upper

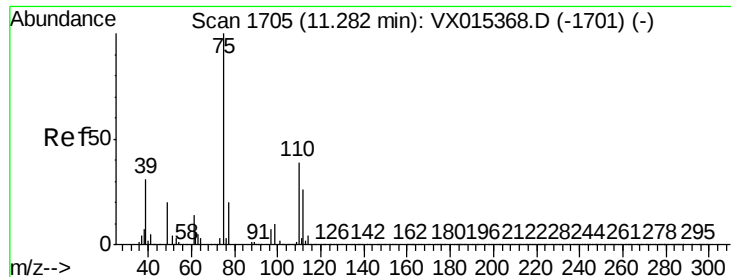
43 100

70 52.0 30.2 45.4#

55 114.3 16.8 25.2#

61 0.0 18.2 27.2#





#76

1,2,3-Trichloropropane

Concen: 5.464 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.14 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

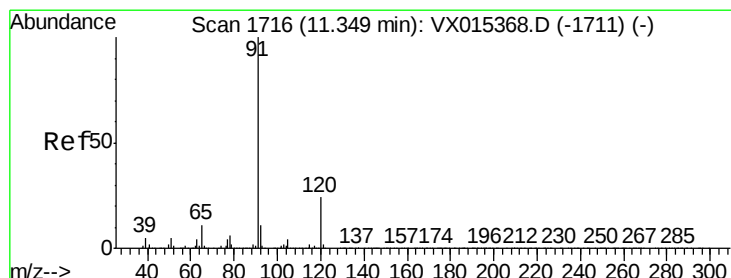
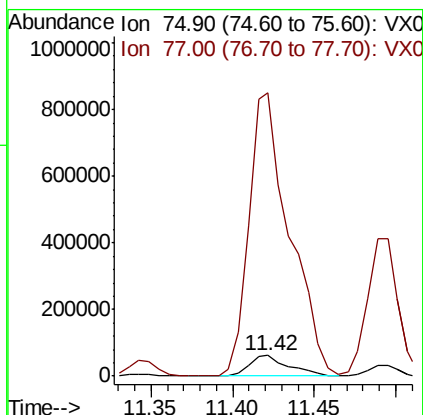
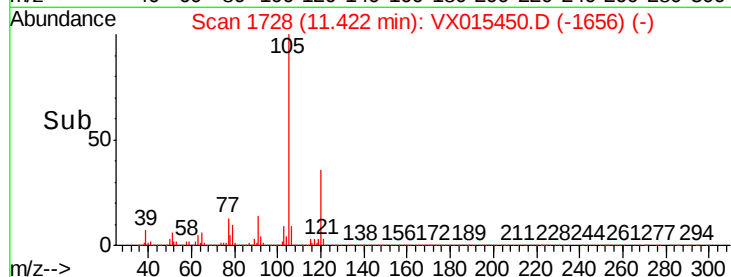
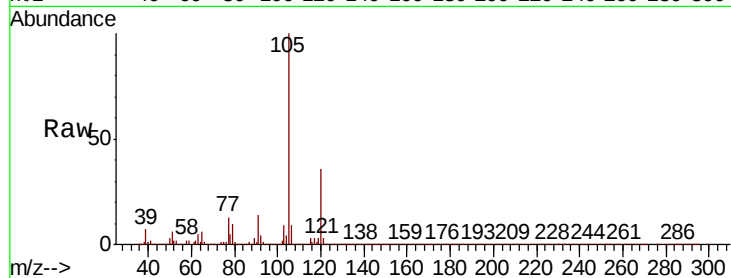
ClientSampleId :

Tot Ion: 75 Resp: 104819

Ion Ratio Lower Upper

75 100

77 1403.2 21.2 63.6#



#78

n-propylbenzene

Concen: 19.694 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015450.D

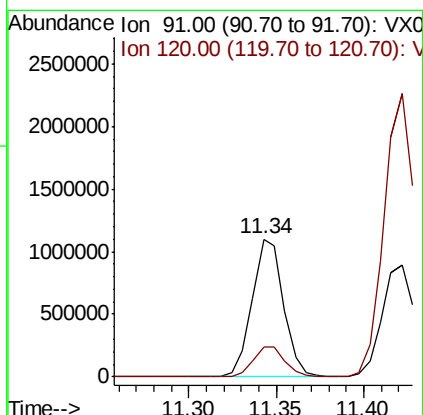
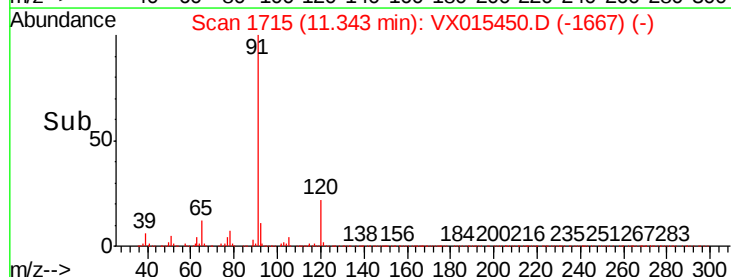
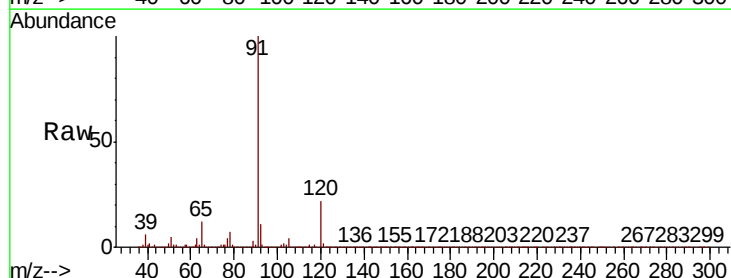
Acq: 31 Mar 2020 13:49

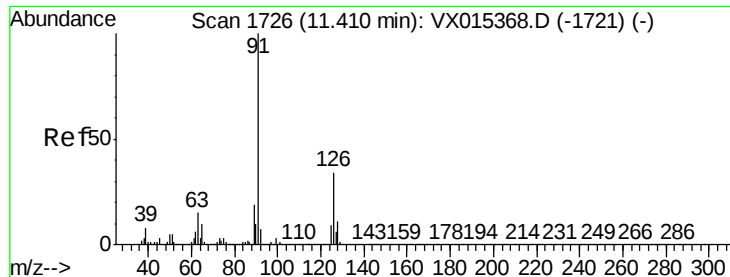
Tgt Ion: 91 Resp: 1376352

Ion Ratio Lower Upper

91 100

120 22.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 34.569 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

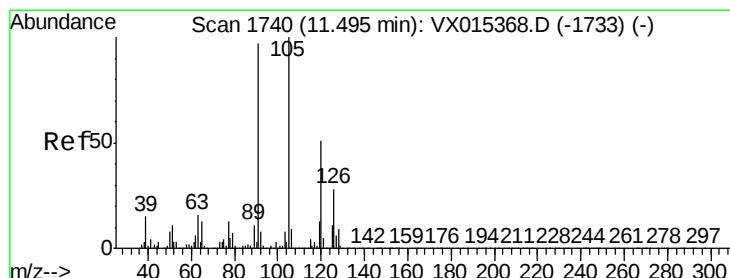
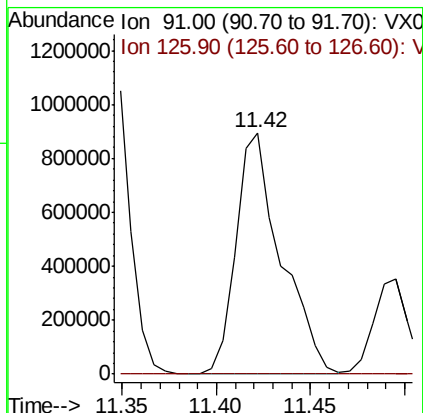
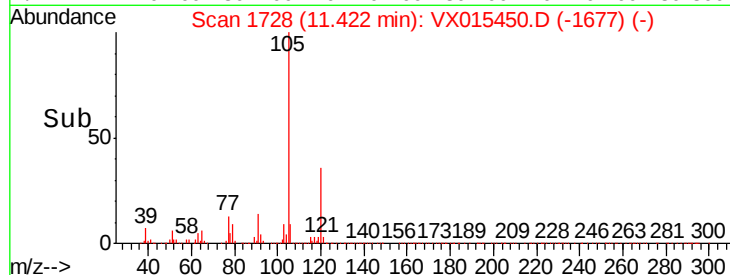
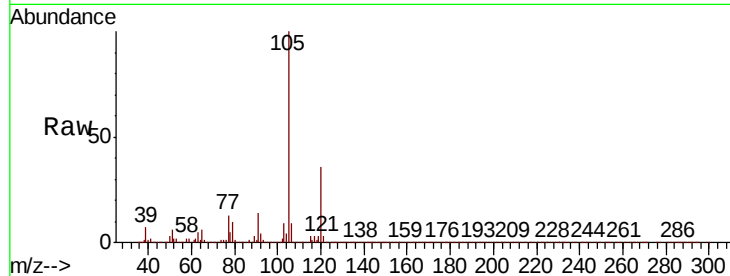
ClientSampled :

Tot Ion: 91 Resp: 1480772

Ion Ratio Lower Upper

91 100

126 0.1 16.5 49.5#



#80

1,3,5-Trimethylbenzene

Concen: 77.254 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015450.D

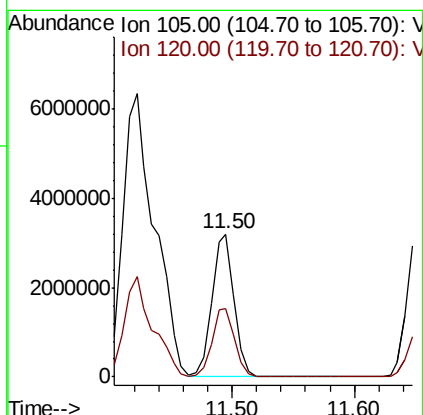
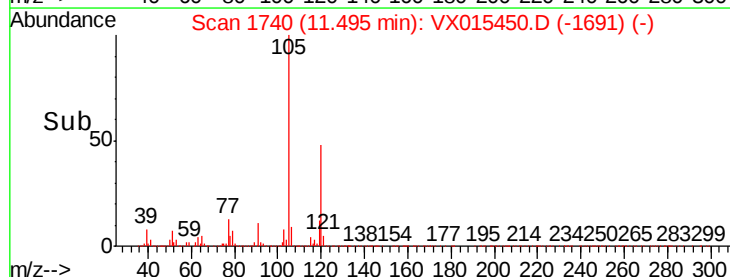
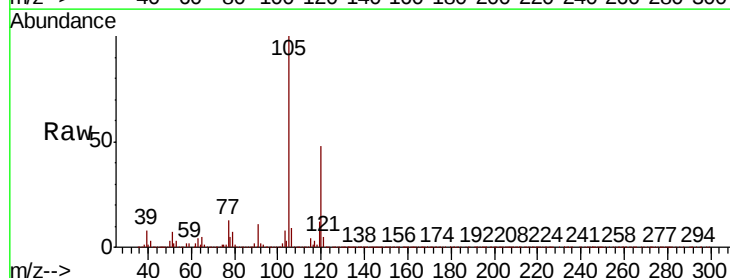
Acq: 31 Mar 2020 13:49

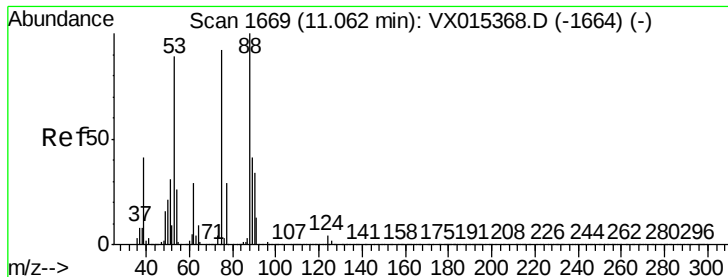
Tgt Ion: 105 Resp: 4032458

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.072 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

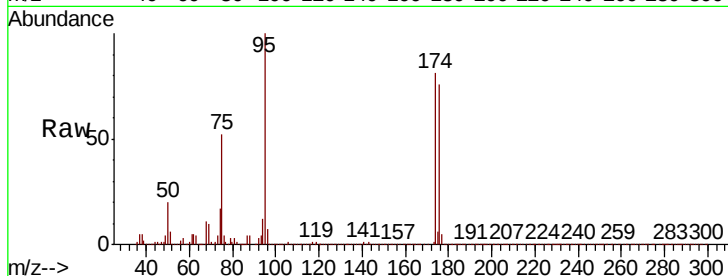
Tot Ion: 75 Resp: 488230

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

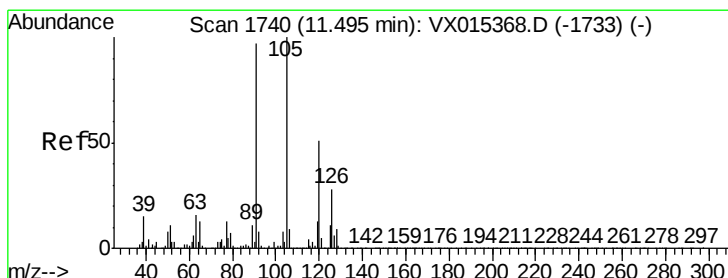
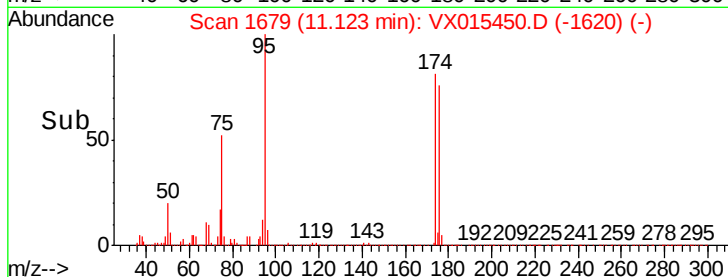
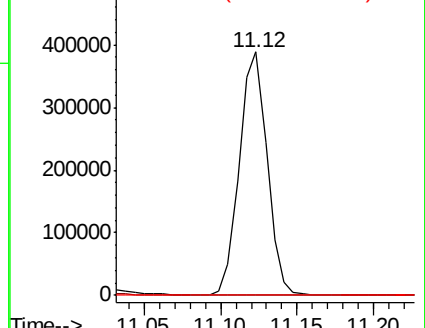
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 8.833 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015450.D

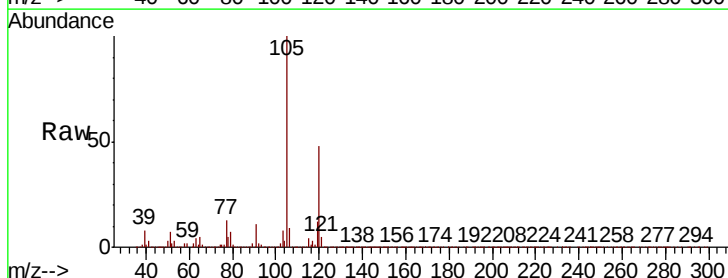
Acq: 31 Mar 2020 13:49

Tgt Ion: 91 Resp: 443547

Ion Ratio Lower Upper

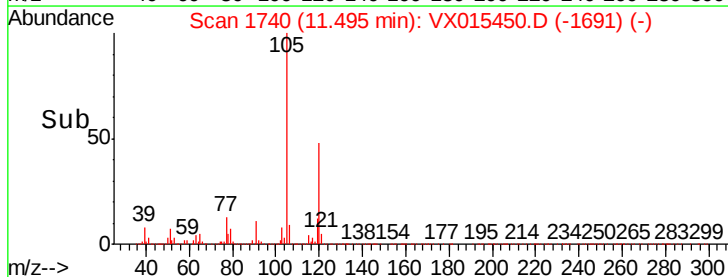
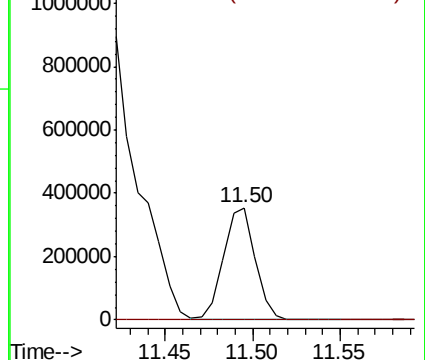
91 100

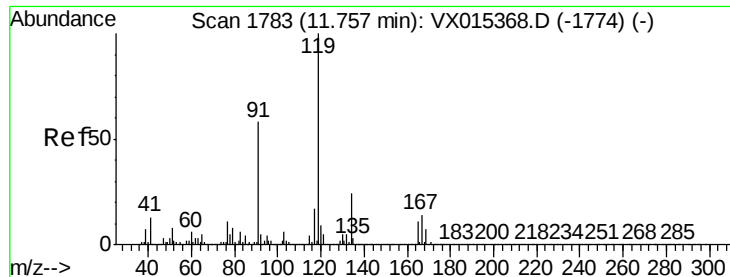
126 0.3 14.7 44.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

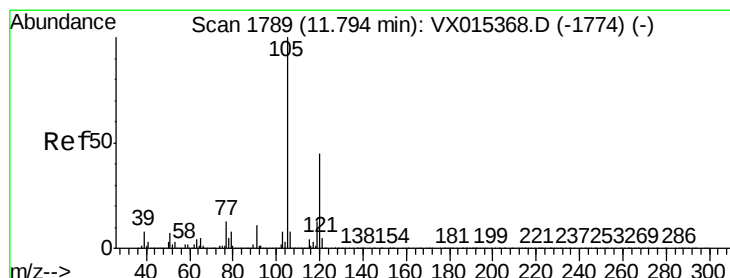
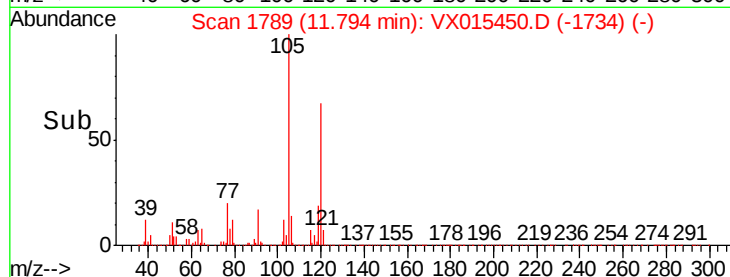
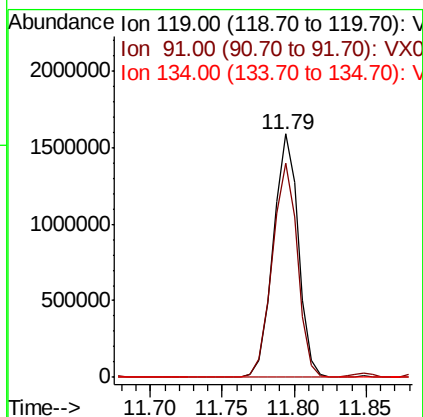
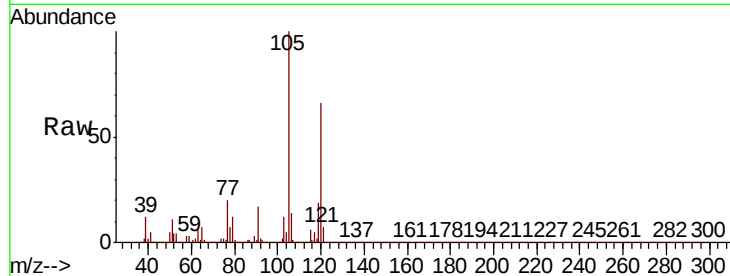




#83
tert-Butylbenzene
Concen: 37.817 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.04 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

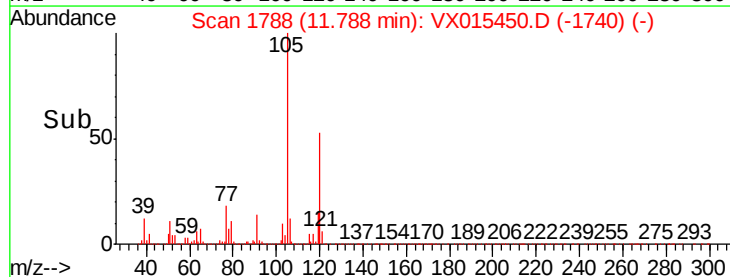
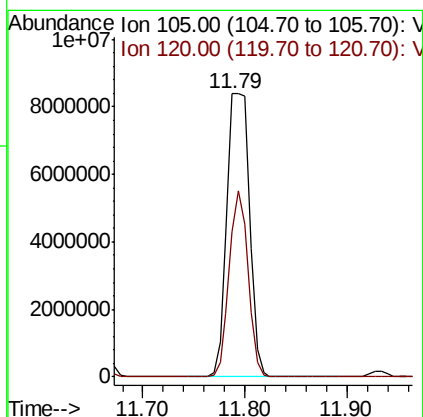
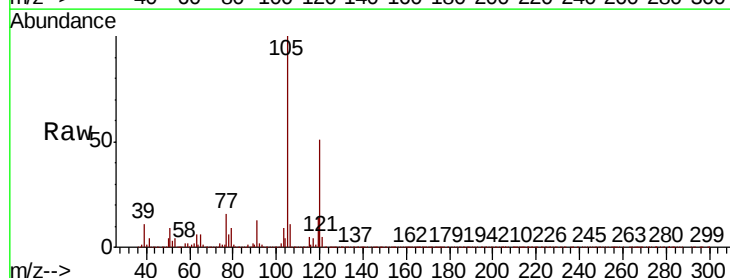
Instrument :
MSVOA_X
ClientSampleId :

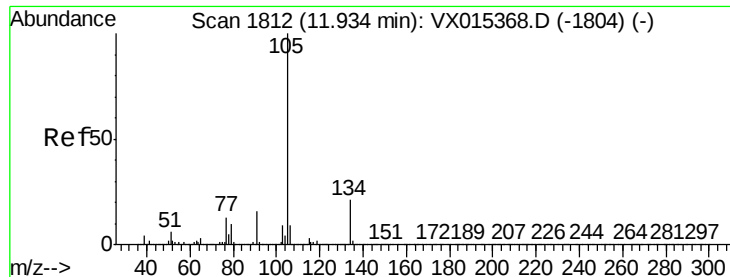
Tot Ion:119 Resp: 1928145
Ion Ratio Lower Upper
119 100
91 88.3 28.6 85.8#
134 0.0 11.8 35.3#



#84
1,2,4-Trimethylbenzene
Concen: 242.302 ug/l
RT: 11.79 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VX015450.D
Acq: 31 Mar 2020 13:49

Tgt Ion:105 Resp:12888335
Ion Ratio Lower Upper
105 100
120 54.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 218.570 ug/l

RT: 11.79 min Scan# 1788

Delta R.T. -0.15 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

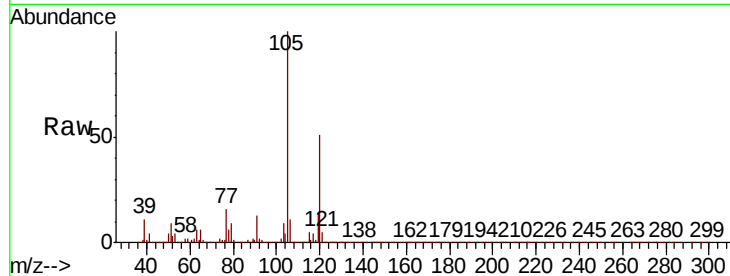
ClientSampleId :

Tot Ion:105 Resp:12888335

Ion Ratio Lower Upper

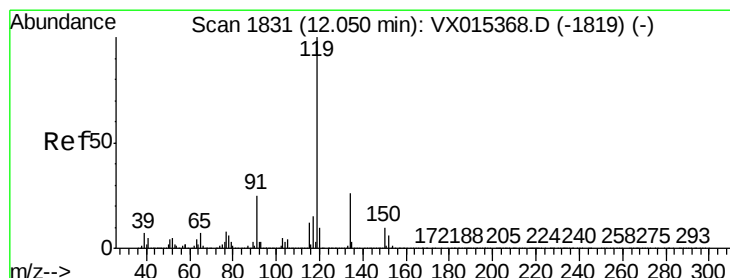
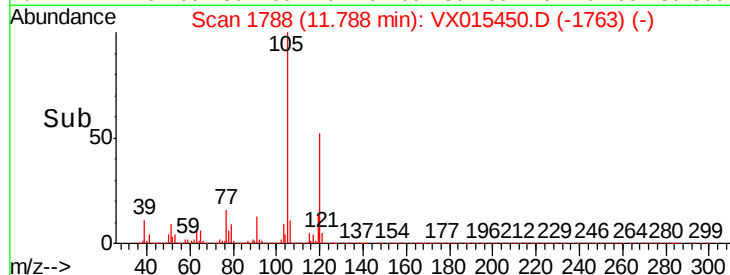
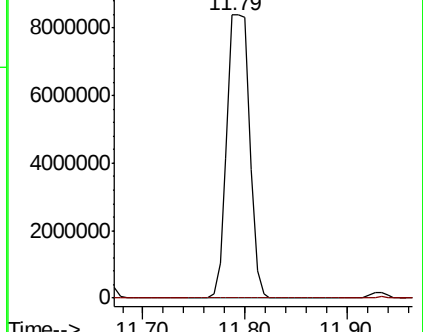
105 100

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



#86

p-Isopropyltoluene

Concen: 3.649 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

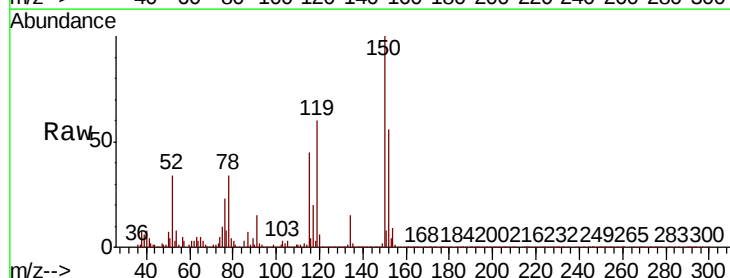
Tgt Ion:119 Resp: 199760

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

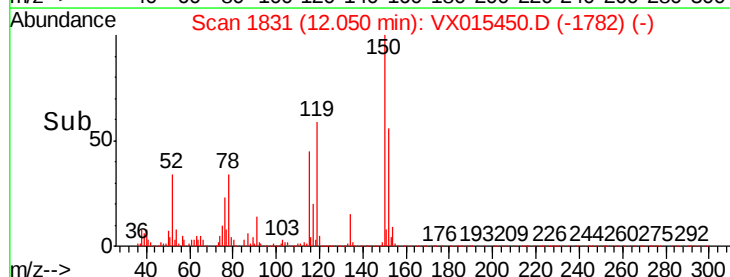
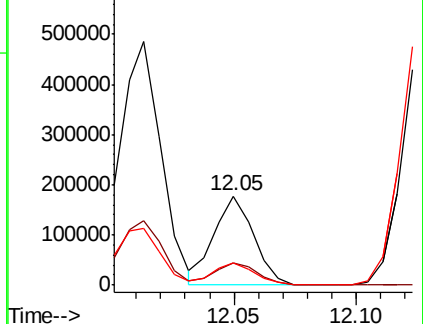
91 25.9 12.4 37.4

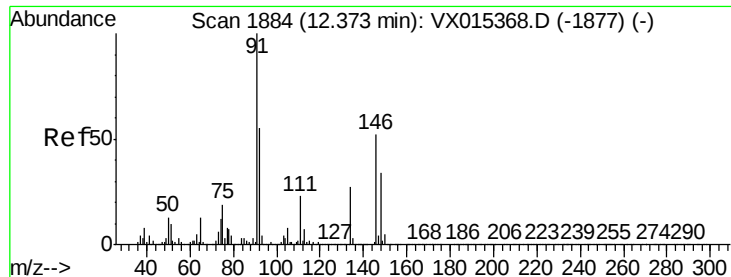


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 19.681 ug/l

RT: 12.36 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

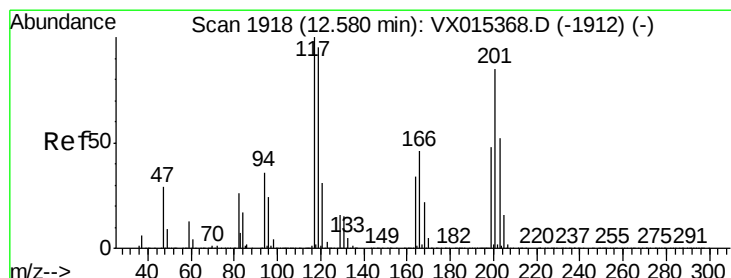
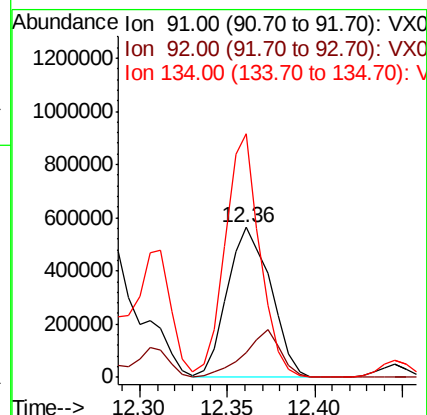
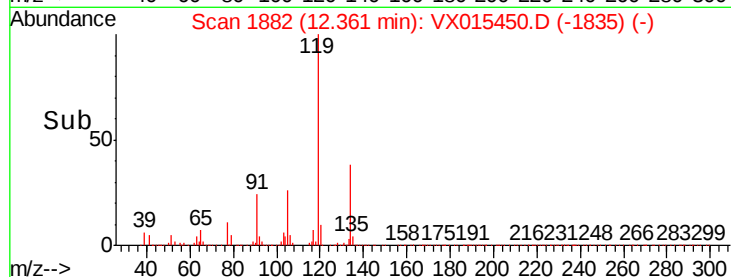
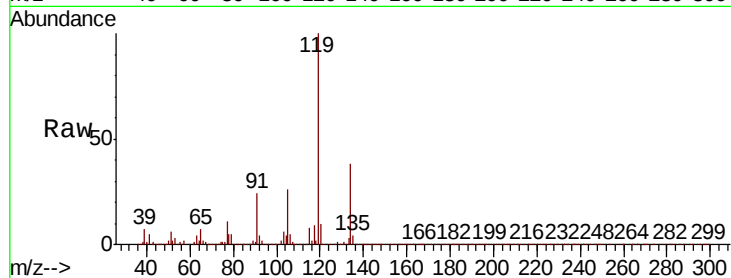
Tot Ion: 91 Resp: 973617

Ion Ratio Lower Upper

91 100

92 26.5 27.2 81.5#

134 129.1 13.4 40.2#



#90

Hexachloroethane

Concen: 24.687 ug/l

RT: 12.57 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VX015450.D

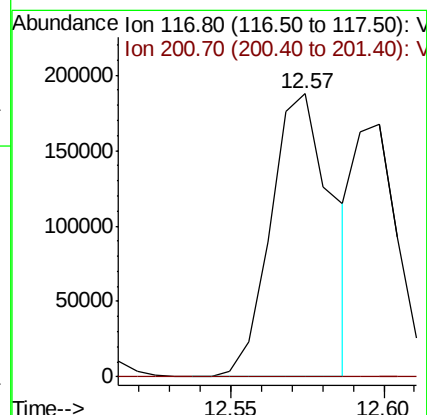
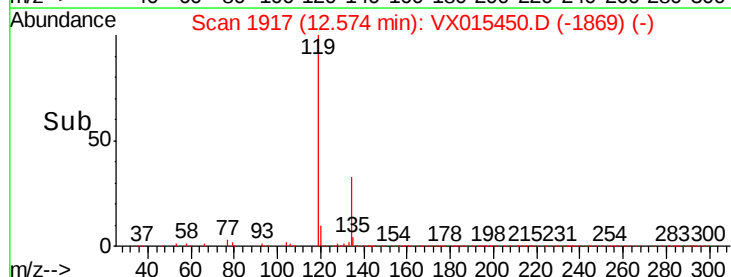
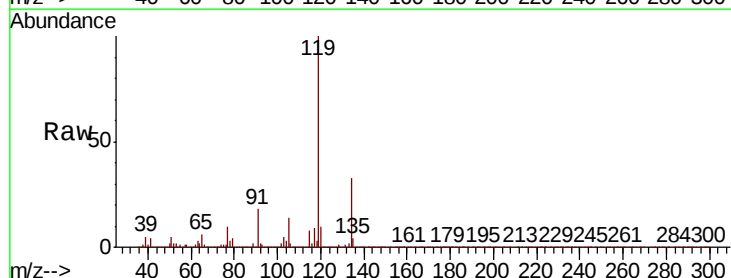
Acq: 31 Mar 2020 13:49

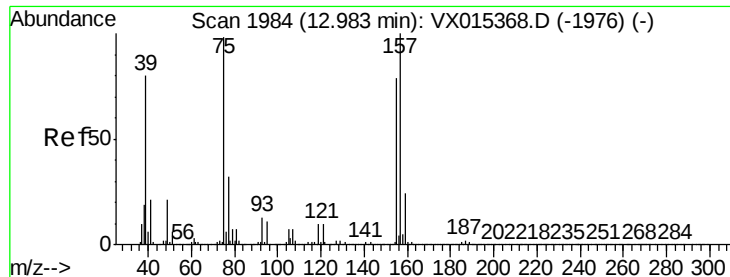
Tgt Ion: 117 Resp: 263030

Ion Ratio Lower Upper

117 100

201 0.3 42.6 128.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.050 ug/l

RT: 12.96 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

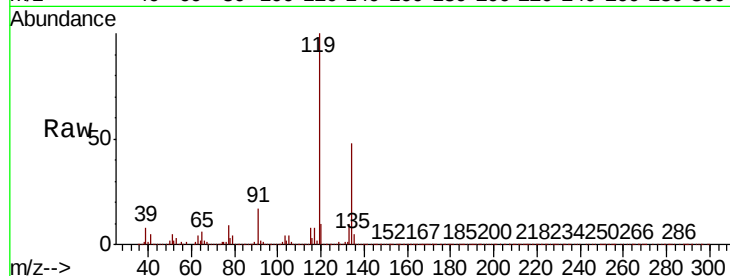
Tot Ion: 75 Resp: 23971

Ion Ratio Lower Upper

75 100

155 0.5 42.8 128.4#

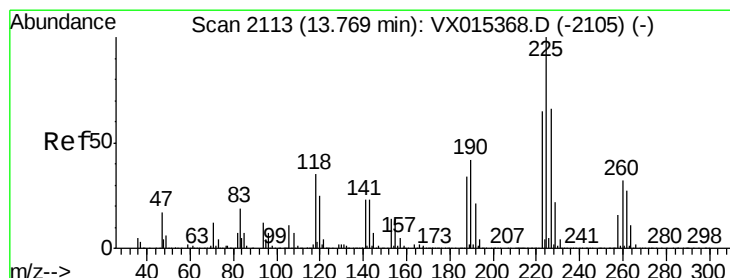
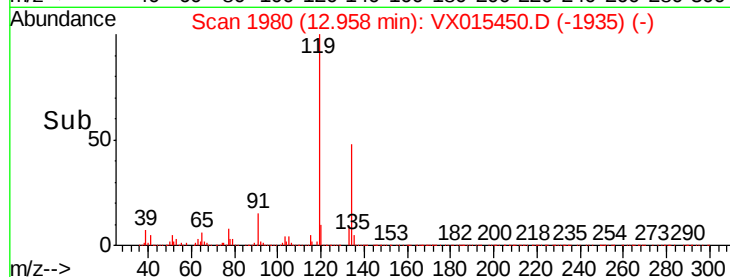
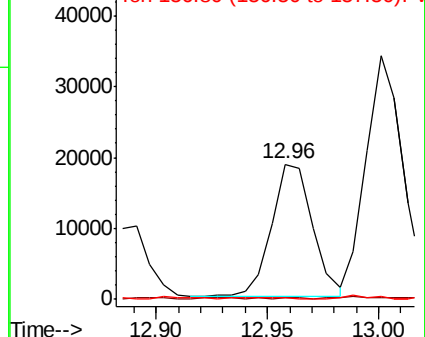
157 0.0 53.4 160.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

Hexachlorobutadiene

Concen: 0.205 ug/l

RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

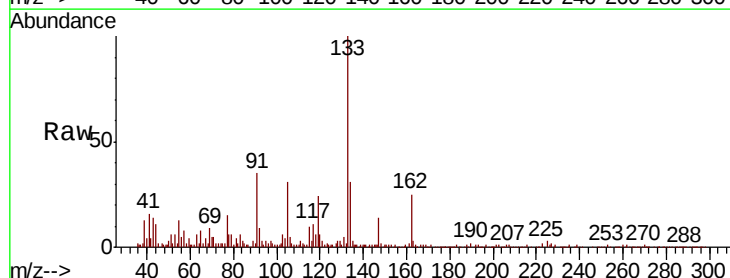
Tgt Ion: 225 Resp: 2201

Ion Ratio Lower Upper

225 100

223 82.4 31.9 95.7

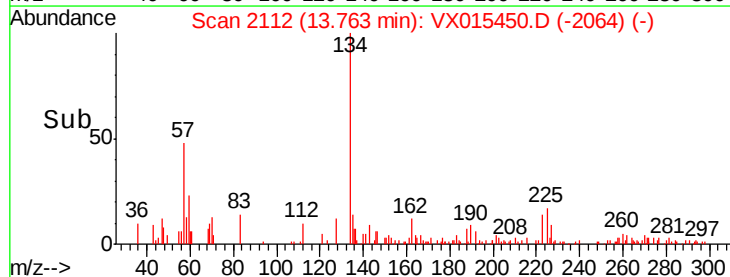
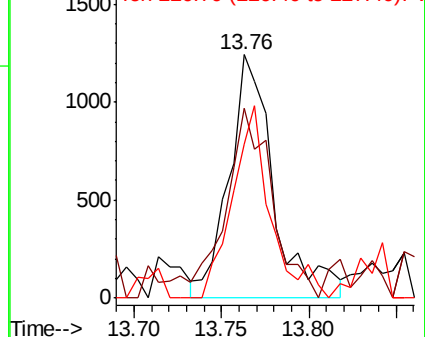
227 67.4 30.4 91.3

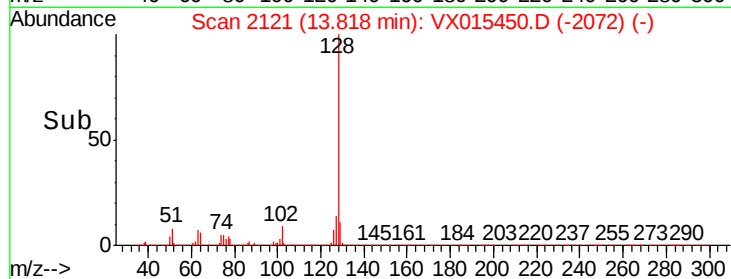
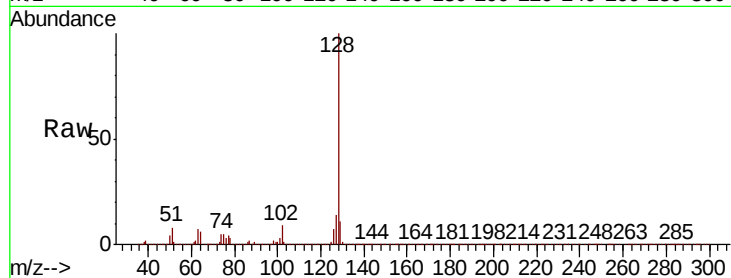
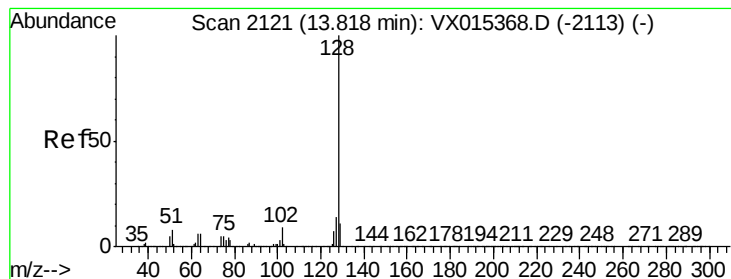


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 73.952 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015450.D

Acq: 31 Mar 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 5096273

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	8.8	13.2

128 100

127 13.2 10.6 15.8

129 11.2 8.8 13.2

