

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015589.D
 Acq On : 09 Apr 2020 12:22
 Operator : JC/SP
 Sample : L2135-08ME
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 09 15:25:10 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	1009717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1569678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1465098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	863641	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	630552	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	5.47	113	474810	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	8.70	98	1881408	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.12	95	807979	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2999	0.265	ug/l #	81
5) Bromomethane	1.62	94	3813	Below Cal	#	78
6) Chloroethane	1.70	64	1811	0.281	ug/l #	52
10) Methyl Iodide	2.48	142	10126	0.826	ug/l #	86
11) Tert butyl alcohol	3.00	59	20216	5.931	ug/l #	81
13) Acrolein	2.28	56	494	0.254	ug/l #	1
15) Acrylonitrile	3.14	53	4308	0.663	ug/l #	69
16) Acetone	2.45	43	9435	1.542	ug/l	94
17) Carbon Disulfide	2.53	76	9417	0.324	ug/l #	92
18) Methyl Acetate	2.76	43	25943	1.661	ug/l #	90
20) Methylene Chloride	2.83	84	6145	0.538	ug/l #	82
25) 2-Butanone	4.68	43	13518	1.374	ug/l #	83
31) Cyclohexane	5.54	56	38845	2.155	ug/l #	85
36) 1,1-Dichloropropene	5.63	75	72087	4.984	ug/l #	54
38) Carbon Tetrachloride	5.63	117	94967	6.062	ug/l #	15
39) Methylcyclohexane	7.44	83	162852	9.766	ug/l	94
43) Isopropyl Acetate	6.43	43	8467	0.266	ug/l #	77
44) Trichloroethene	7.18	130	2839	0.246	ug/l	46
48) Methyl methacrylate	7.71	41	9217	0.580	ug/l #	59
49) 1,4-Dioxane	7.73	88	278	0.939	ug/l #	11
51) 4-Methyl-2-Pentanone	8.65	43	13600	0.755	ug/l #	38
55) 1,1,2-Trichloroethane	9.15	97	51629	4.825	ug/l #	19
56) Ethyl methacrylate	9.15	69	13498	0.716	ug/l #	6
59) 2-Hexanone	9.43	43	38229	2.811	ug/l #	37
64) Tetrachloroethene	9.32	164	3718	0.336	ug/l #	67
68) m/p-Xylenes	10.34	106	7882	0.408	ug/l	100
73) Isopropylbenzene	11.01	105	231200	4.086	ug/l	99
74) N-amyl acetate	10.90	43	39070	1.241	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	23525	1.212	ug/l #	37
76) 1,2,3-Trichloropropane	11.12	75	415209	23.379	ug/l #	35
78) n-propylbenzene	11.35	91	567234	8.766	ug/l	100
79) 2-Chlorotoluene	11.35	91	567234	14.302	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.65	105	39156	0.810	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.12	75	415209	56.096	ug/l #	10

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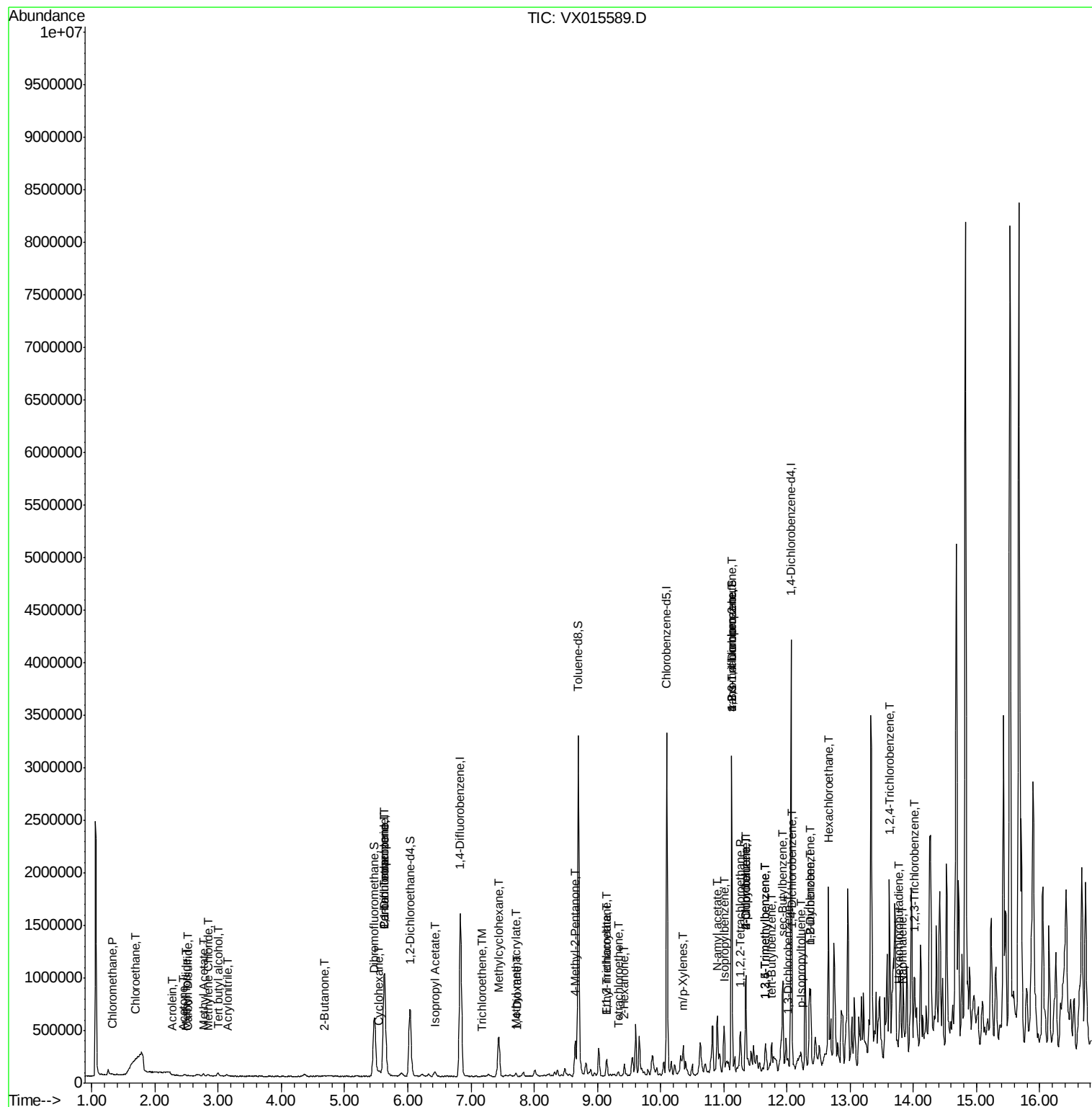
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.35	91	567234	12.200	ug/l #	45
83) tert-Butylbenzene	11.76	119	25395	0.538	ug/l	84
84) 1,2,4-Trimethylbenzene	11.65	105	39156	0.795	ug/l	82
85) sec-Butylbenzene	11.93	105	368525	6.750	ug/l	84
86) p-Isopropyltoluene	12.22	119	67533	1.332	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	6545	0.242	ug/l #	80
88) 1,4-Dichlorobenzene	12.09	146	8203	0.298	ug/l #	47
89) n-Butylbenzene	12.37	91	250622	5.472	ug/l	89
90) Hexachloroethane	12.65	117	71413	7.239	ug/l #	7
91) 1,2-Dichlorobenzene	12.38	146	8497	0.321	ug/l #	62
93) 1,2,4-Trichlorobenzene	13.63	180	10409	0.498	ug/l #	1
94) Hexachlorobutadiene	13.77	225	8655	0.869	ug/l	93
95) Naphthalene	13.82	128	57337	0.899	ug/l #	81
96) 1,2,3-Trichlorobenzene	14.01	180	8664	0.430	ug/l #	1

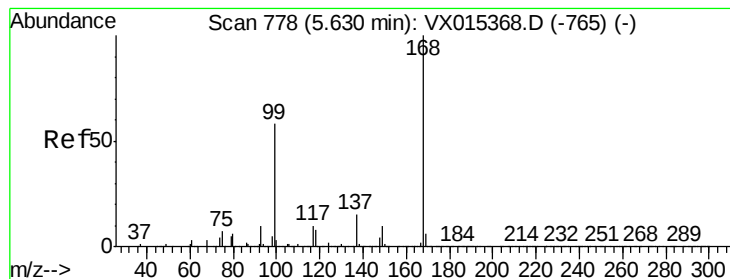
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040920\
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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: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

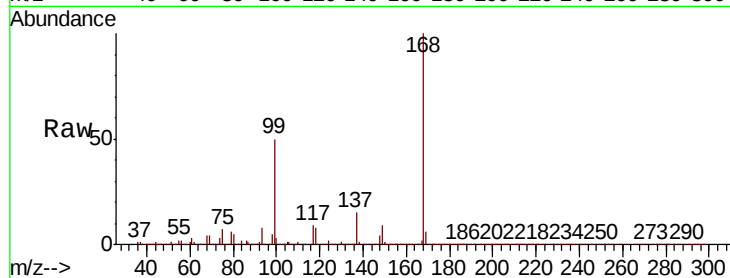
ClientSampleId :

Tot Ion:168 Resp: 1009717

Ion Ratio Lower Upper

168 100

99 50.4 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

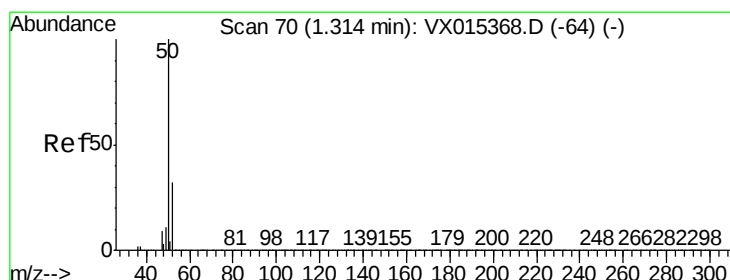
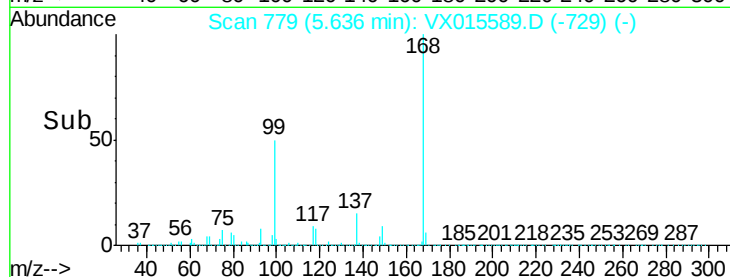
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015589.D

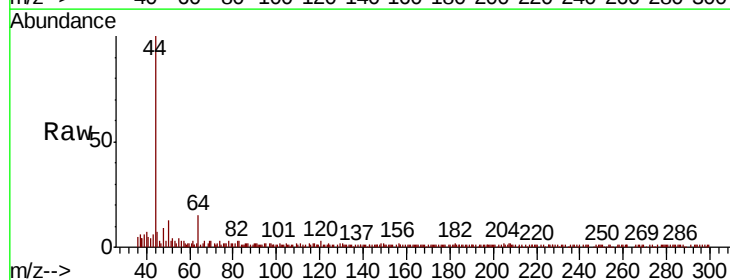
Acq: 09 Apr 2020 12:22

Tgt Ion: 50 Resp: 2999

Ion Ratio Lower Upper

50 100

52 21.2 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

2500

2000

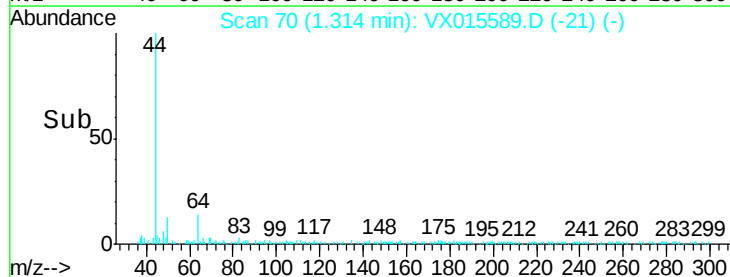
1500

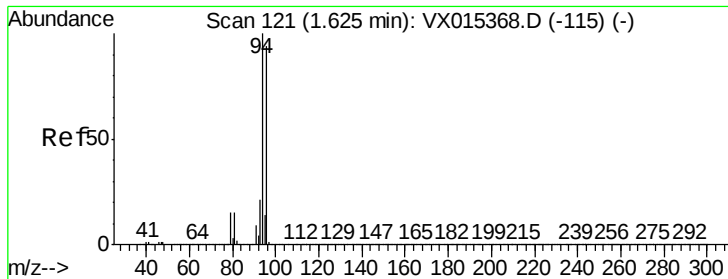
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

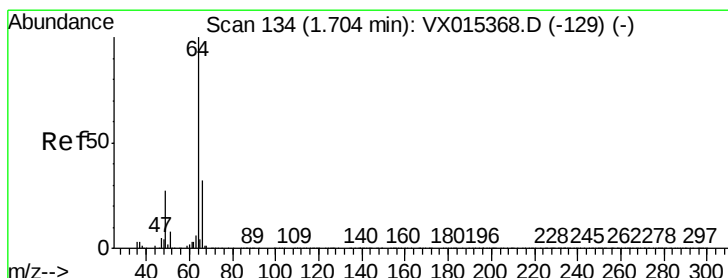
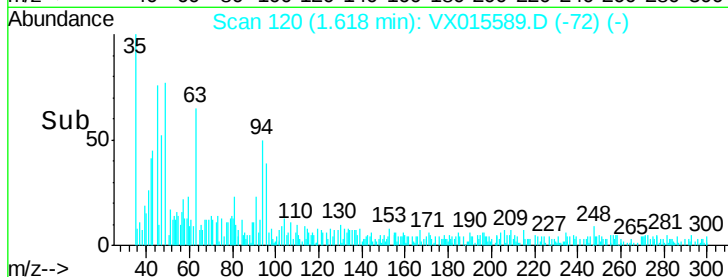
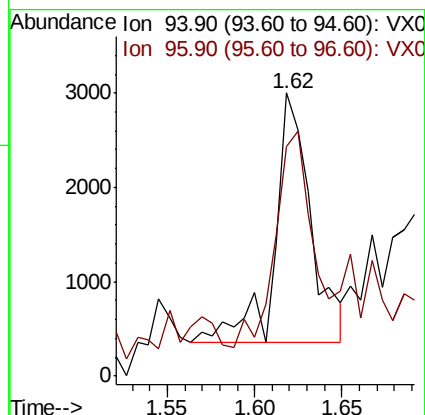
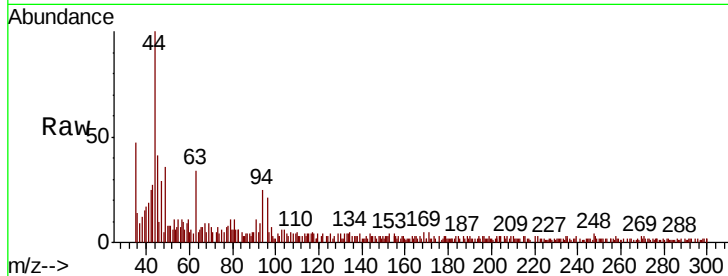
ClientSampleId :

Tot Ion: 94 Resp: 3813

Ion Ratio Lower Upper

94 100

96 72.2 74.8 112.2#



#6

Chloroethane

Concen: 0.281 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX015589.D

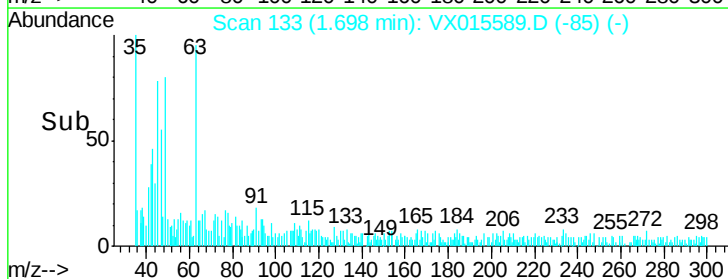
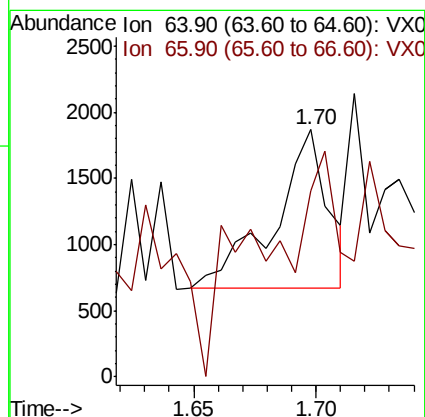
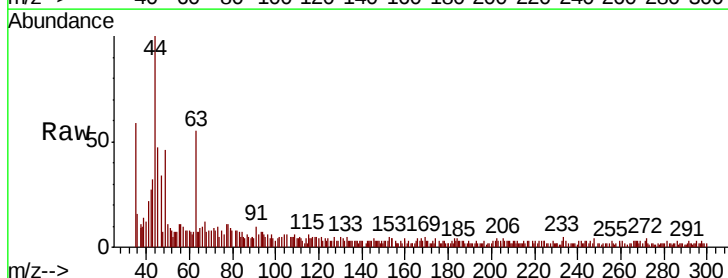
Acq: 09 Apr 2020 12:22

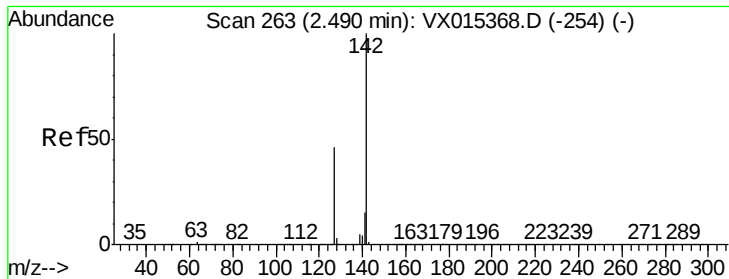
Tgt Ion: 64 Resp: 1811

Ion Ratio Lower Upper

64 100

66 58.3 25.4 38.2#

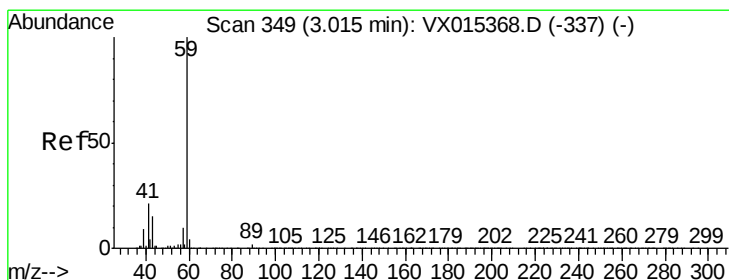
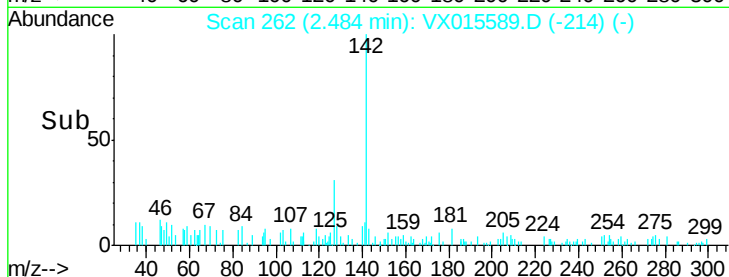
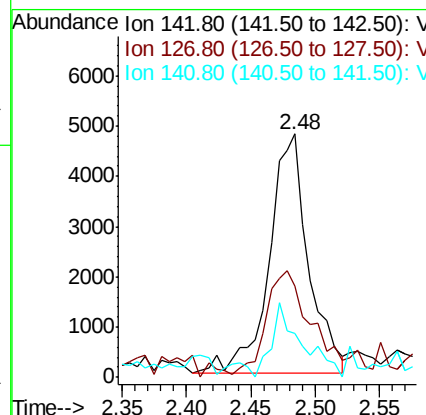
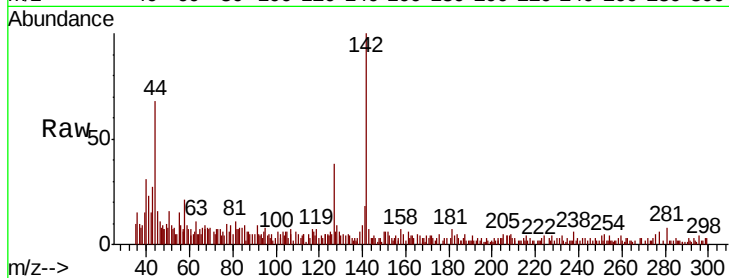




#10
Methvl Iodide
Concen: 0.826 ug/l
RT: 2.48 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

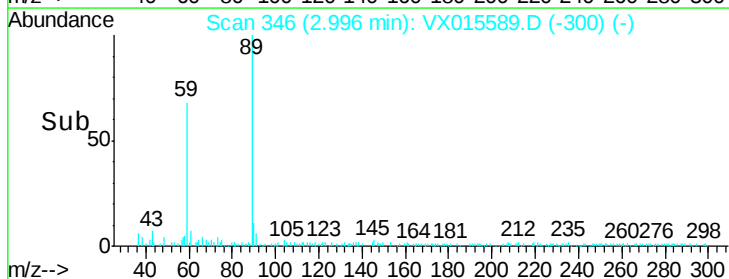
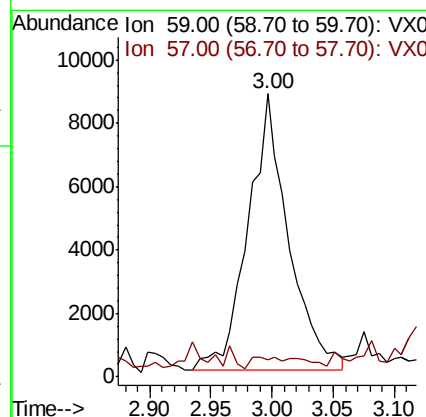
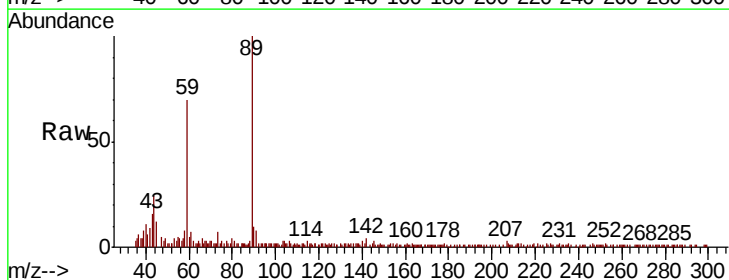
Instrument :
MSVOA_X
ClientSampleId :

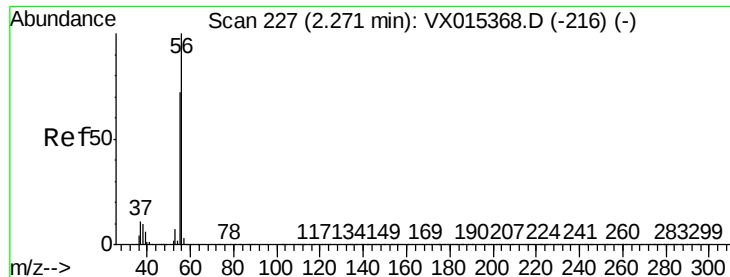
Tot Ion:142 Resp: 10126
Ion Ratio Lower Upper
142 100
127 51.8 35.9 53.9
141 23.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: 5.931 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.02 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 59 Resp: 20216
Ion Ratio Lower Upper
59 100
57 2.9 8.1 12.1#





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

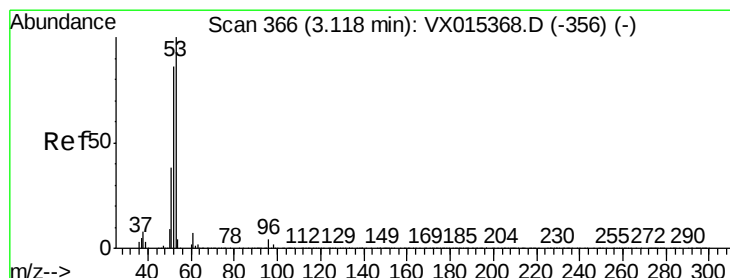
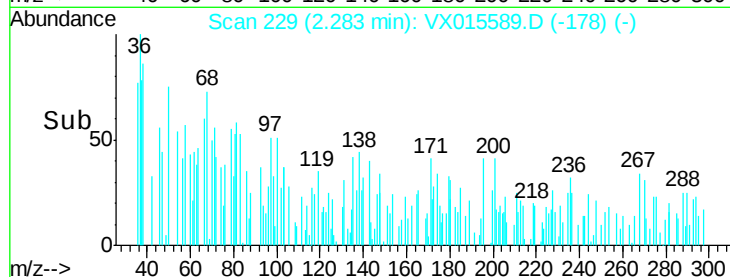
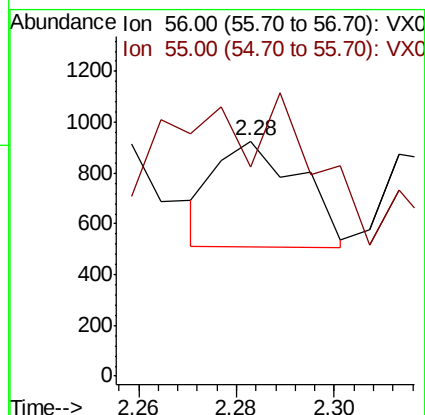
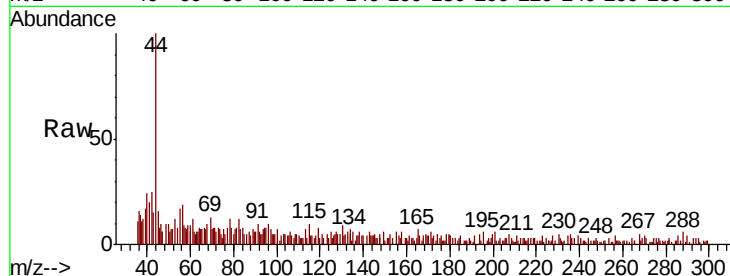
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 494

Ion Ratio Lower Upper

56 100

55 220.2 57.0 85.4#



#15

Acrylonitrile

Concen: 0.663 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.02 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

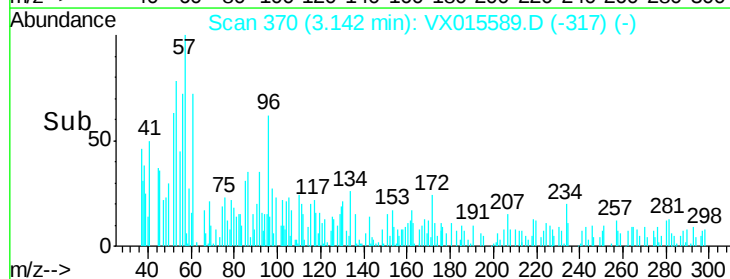
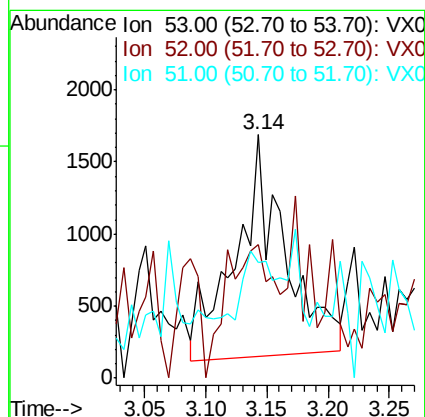
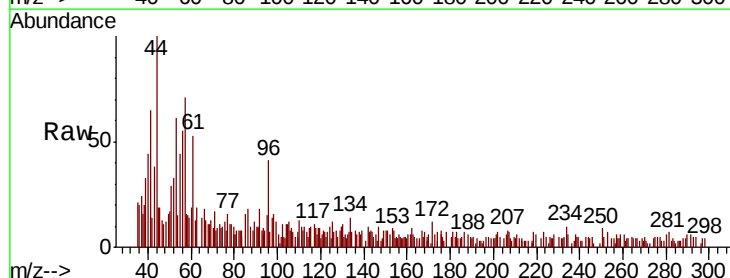
Tgt Ion: 53 Resp: 4308

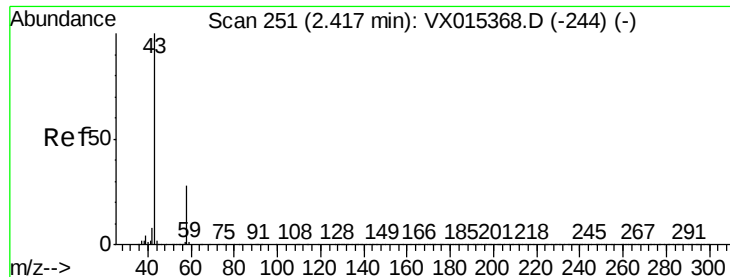
Ion Ratio Lower Upper

53 100

52 57.6 66.8 100.2#

51 15.9 29.5 44.3#





#16

Acetone

Concen: 1.542 ug/l

RT: 2.45 min Scan# 257

Delta R.T. 0.04 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

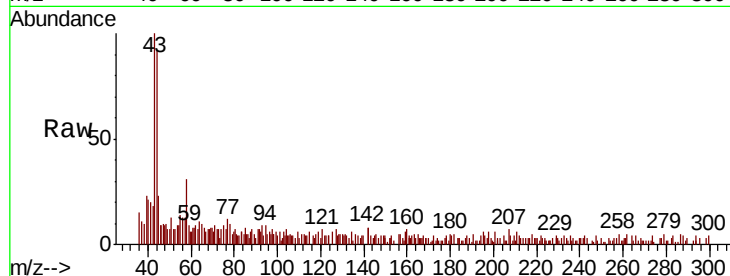
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 9435

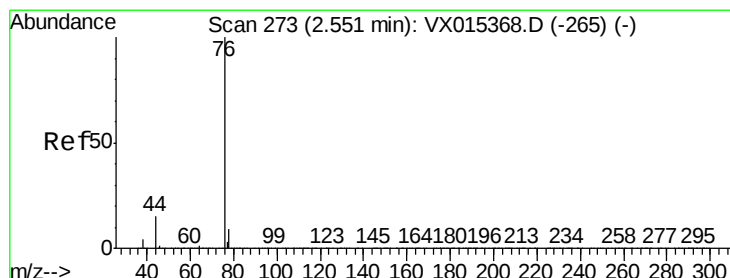
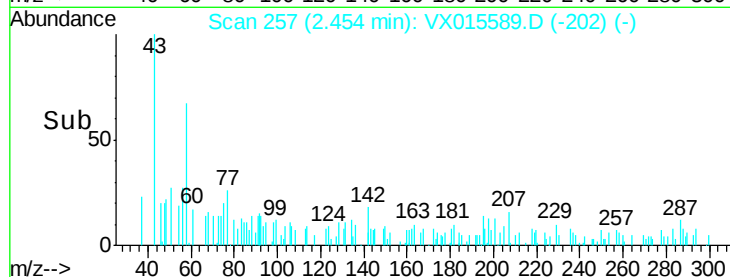
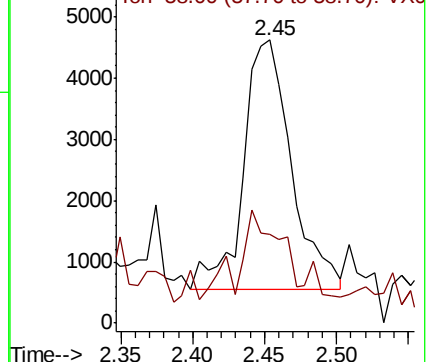
Ion Ratio Lower Upper

43 100

58 24.7 22.1 33.1



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



#17

Carbon Disulfide

Concen: 0.324 ug/l

RT: 2.53 min Scan# 270

Delta R.T. -0.02 min

Lab File: VX015589.D

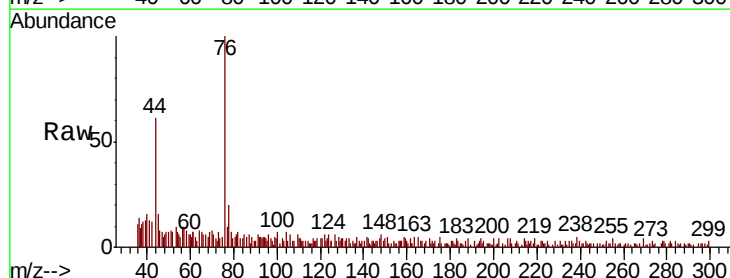
Acq: 09 Apr 2020 12:22

Tgt Ion: 76 Resp: 9417

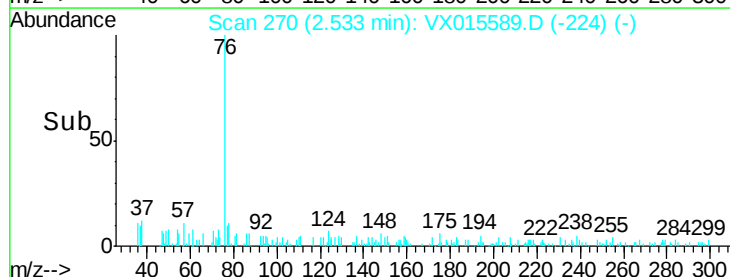
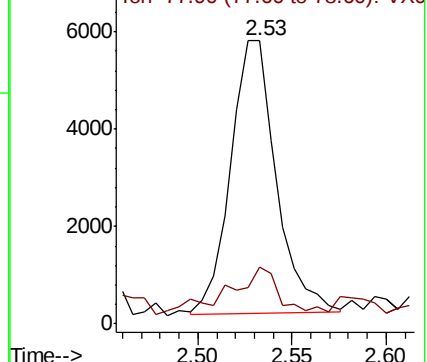
Ion Ratio Lower Upper

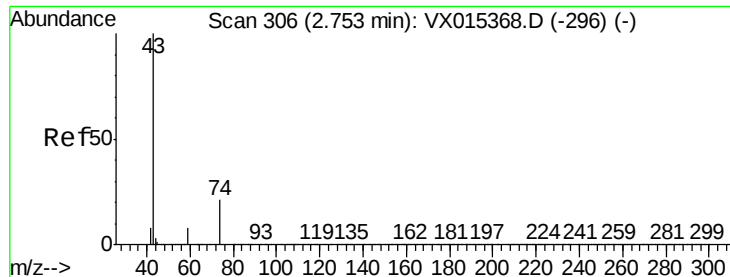
76 100

78 11.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

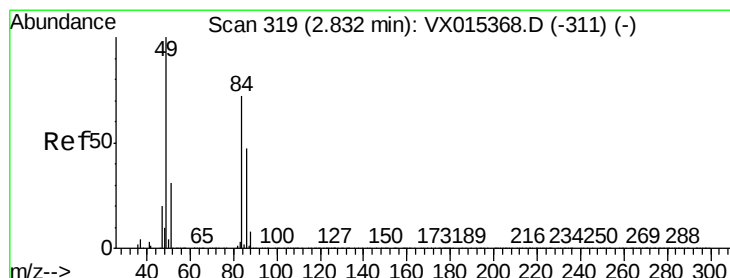
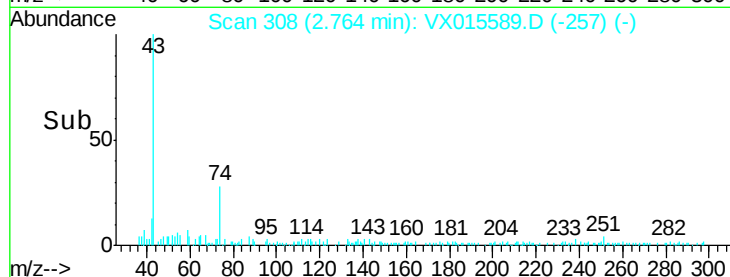
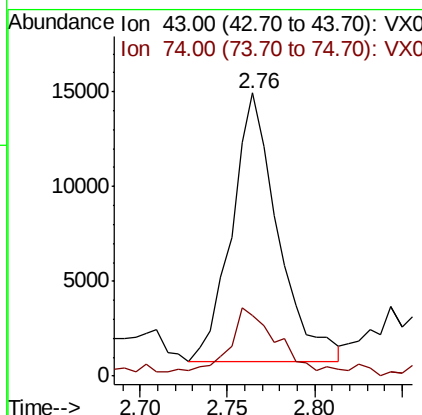
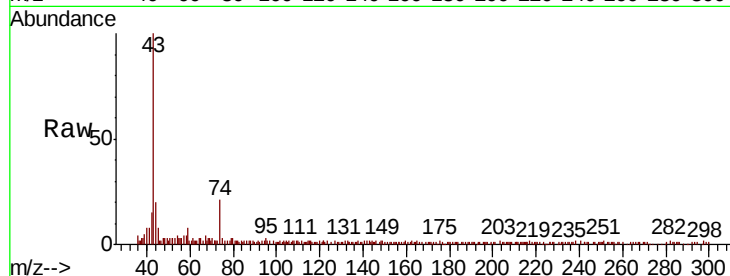




#18
Methyl Acetate
Concen: 1.661 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

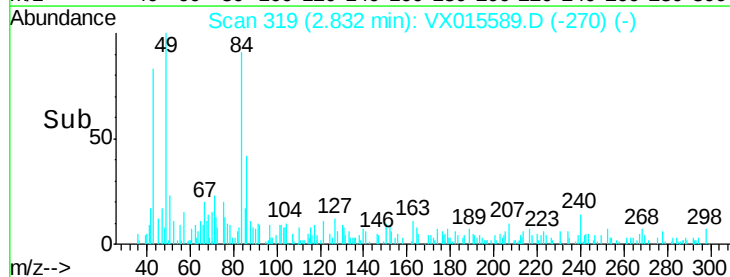
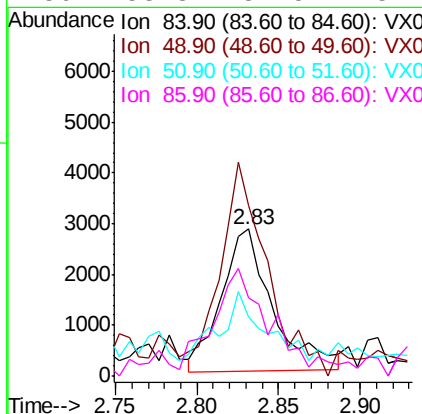
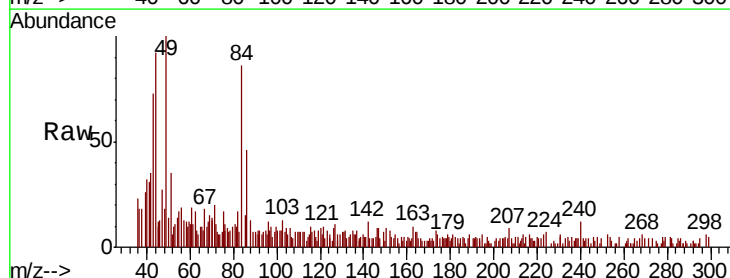
Instrument :
MSVOA_X
ClientSampleId :

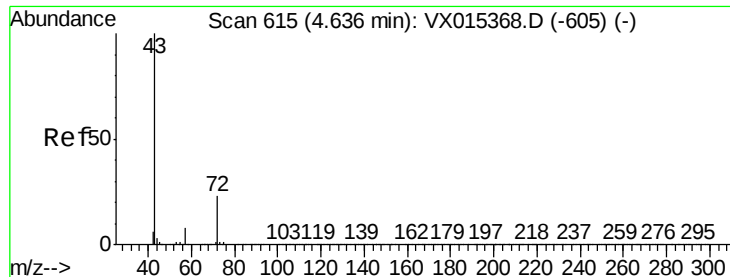
Tot Ion: 43 Resp: 25943
Ion Ratio Lower Upper
43 100
74 25.1 16.5 24.7#



#20
Methylene Chloride
Concen: 0.538 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 84 Resp: 6145
Ion Ratio Lower Upper
84 100
49 116.9 111.3 166.9
51 29.4 34.0 51.0#
86 53.3 52.5 78.7





#25

2-Butanone

Concen: 1.374 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.04 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

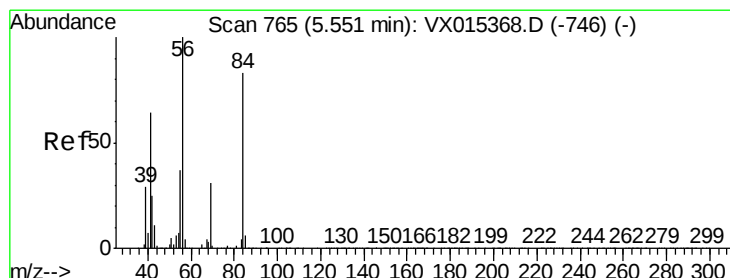
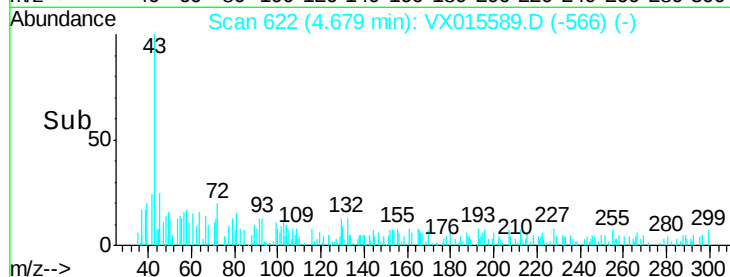
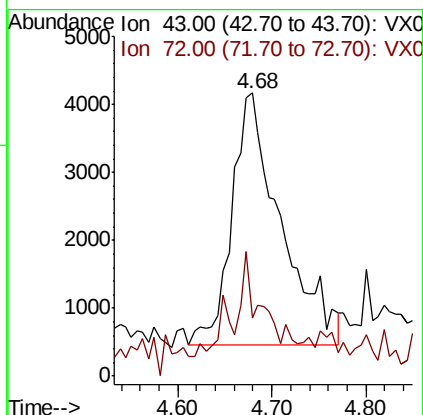
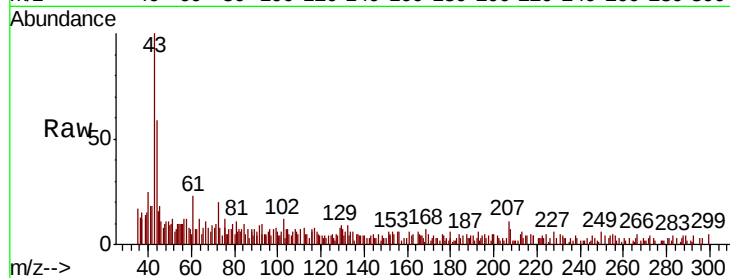
ClientSampleId :

Tot Ion: 43 Resp: 13518

Ion Ratio Lower Upper

43 100

72 15.1 19.0 28.4#



#31

Cyclohexane

Concen: 2.155 ug/l

RT: 5.54 min Scan# 763

Delta R.T. -0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

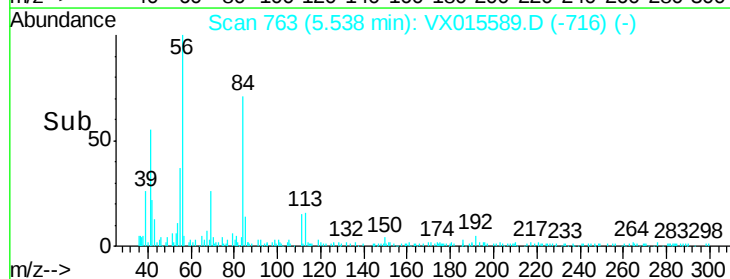
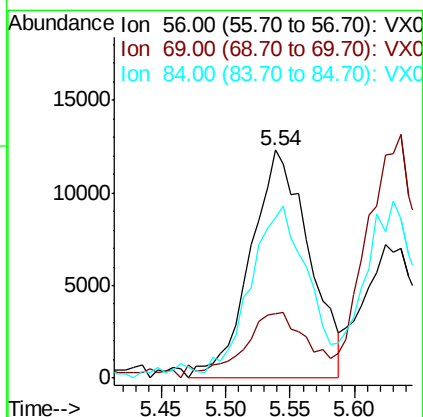
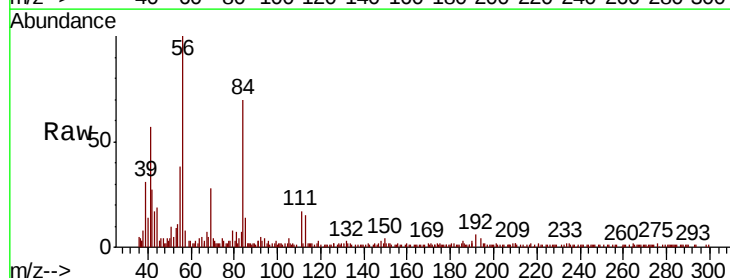
Tgt Ion: 56 Resp: 38845

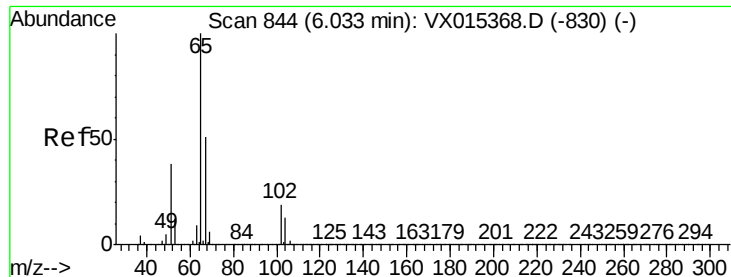
Ion Ratio Lower Upper

56 100

69 23.3 24.6 36.8#

84 68.4 66.1 99.1





#33

1,2-Dichloroethane-d4

Concen: 44.277 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

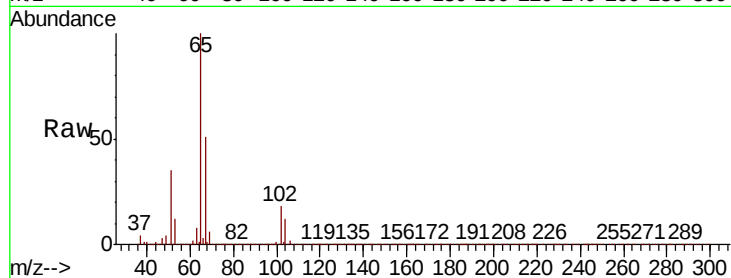
ClientSampled :

Tot Ion: 65 Resp: 630552

Ion Ratio Lower Upper

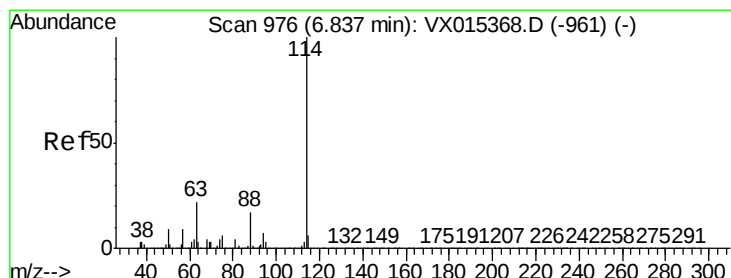
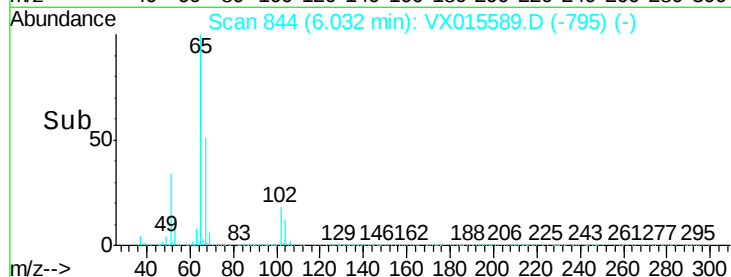
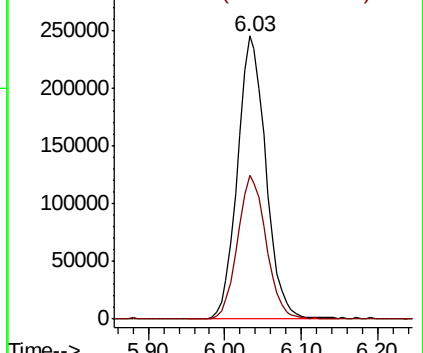
65 100

67 51.3 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: VX015589.D

Acq: 09 Apr 2020 12:22

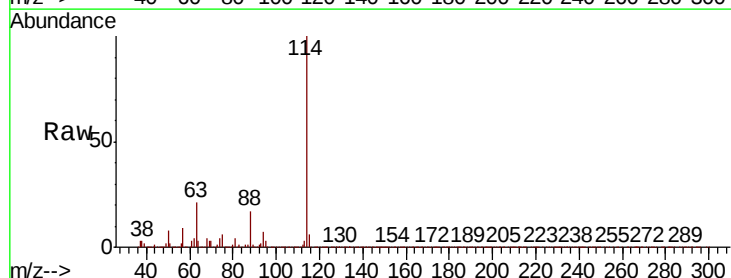
Tgt Ion: 114 Resp: 1569678

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

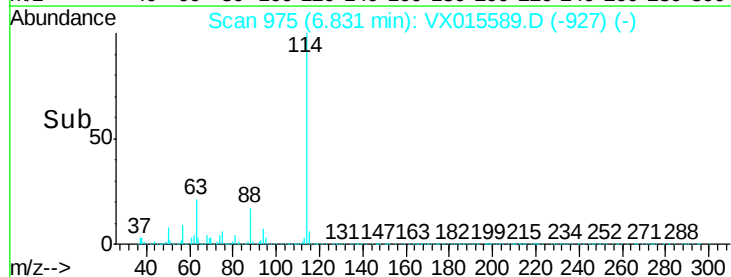
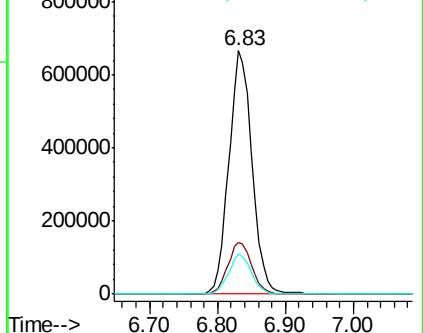
88 16.6 0.0 33.8

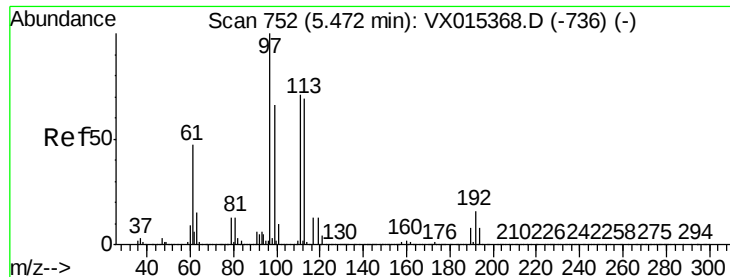


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

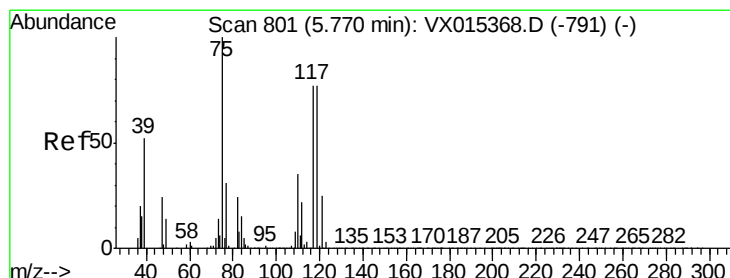
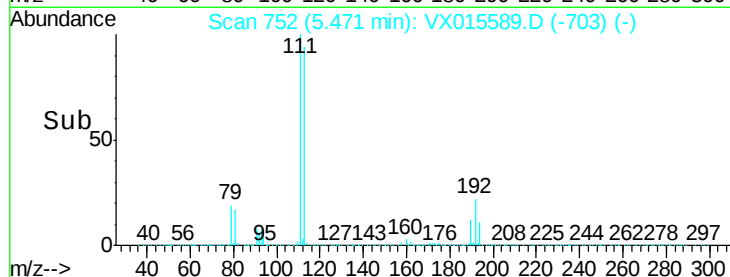
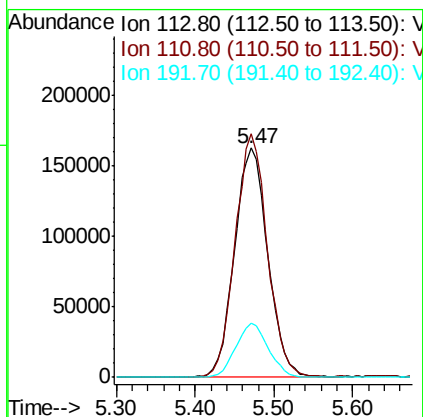
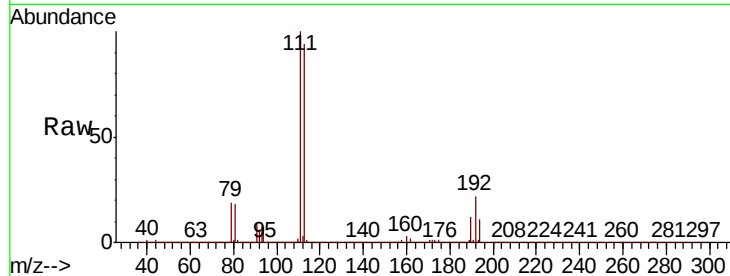




#35
 Dibromofluoromethane
 Concen: 47.321 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

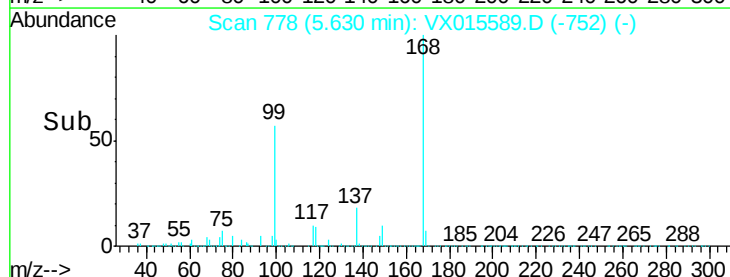
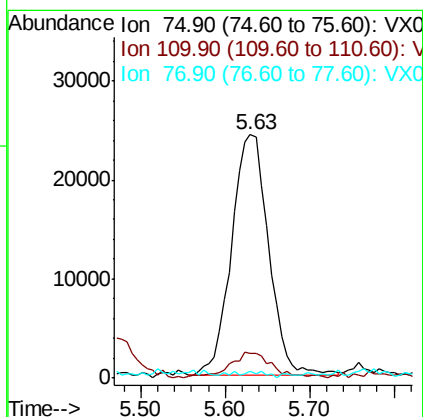
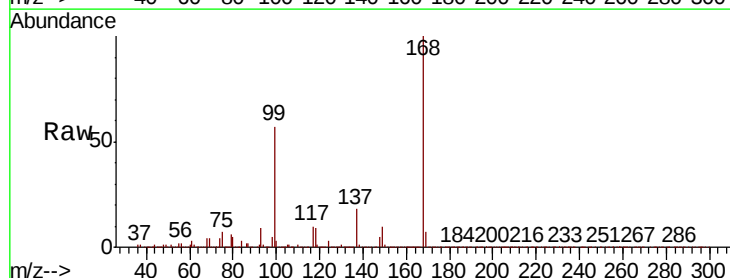
Instrument :
 MSVOA_X
 ClientSampleId :

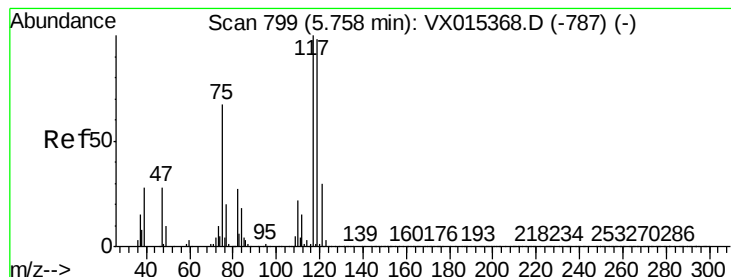
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.4	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.984 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	17.1	51.3#
77	1.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

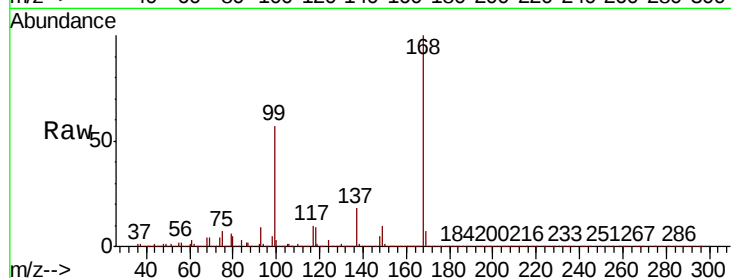
Tot Ion:117 Resp: 94967

Ion Ratio Lower Upper

117 100

119 5.0 78.0 117.0#

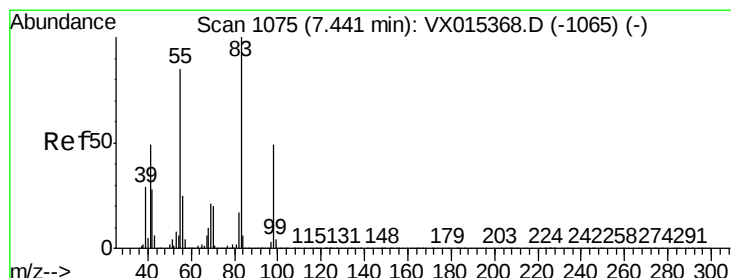
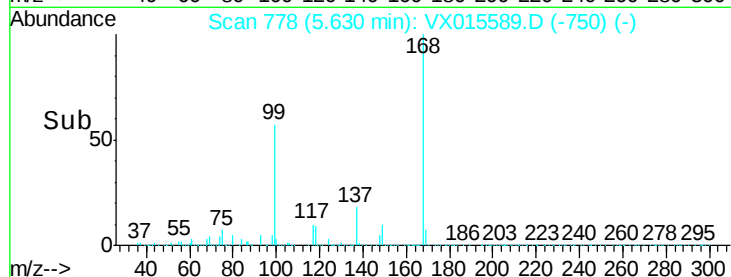
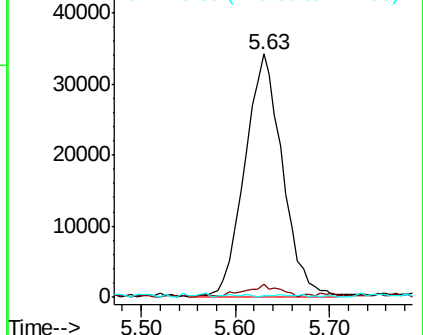
121 0.2 23.8 35.8#



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: 9.766 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

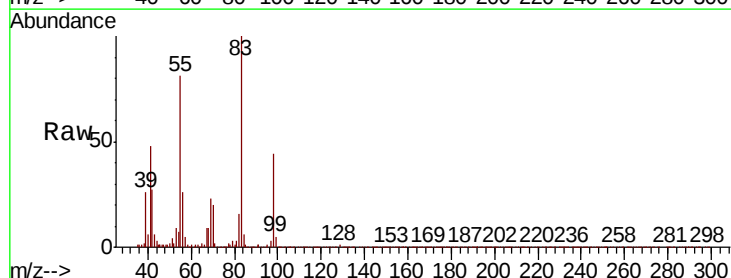
Tgt Ion: 83 Resp: 162852

Ion Ratio Lower Upper

83 100

55 80.8 67.8 101.6

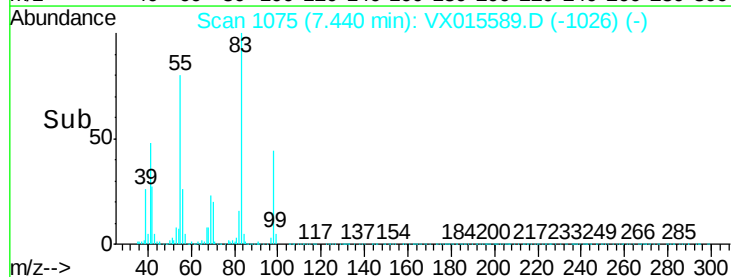
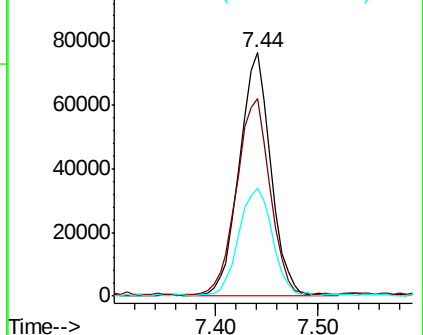
98 43.9 39.3 58.9

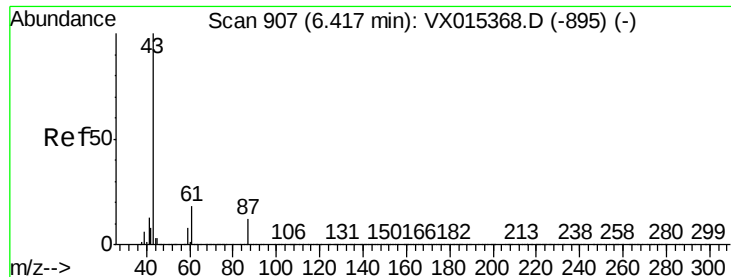


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.266 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

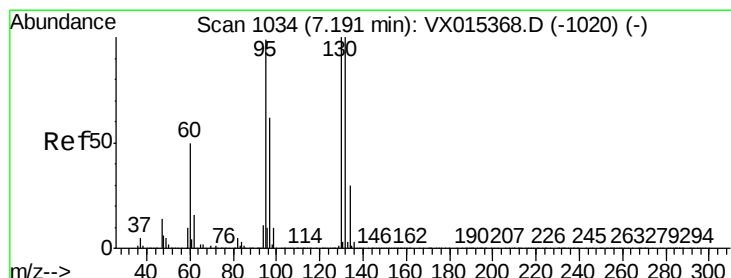
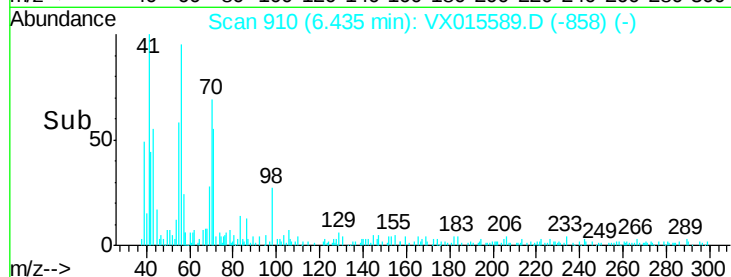
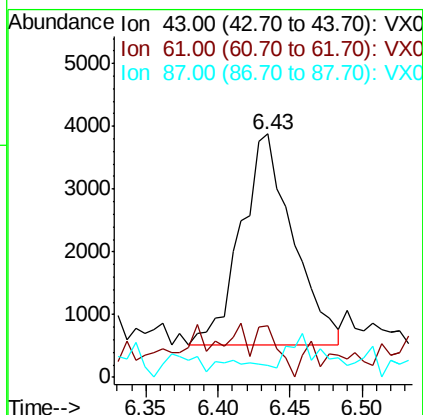
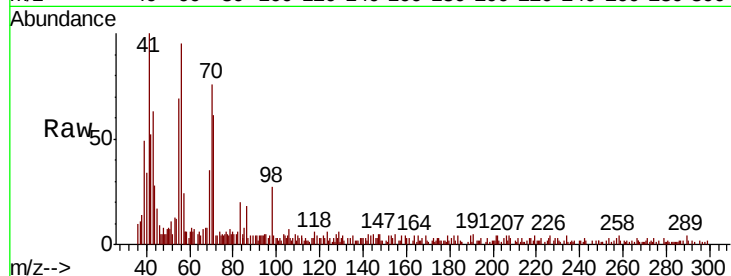
Tot Ion: 43 Resp: 8467

Ion Ratio Lower Upper

43 100

61 10.4 14.8 22.2#

87 0.0 9.4 14.0#



#44

Trichloroethene

Concen: 0.246 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015589.D

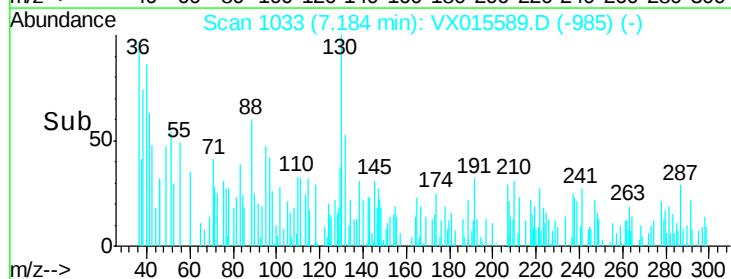
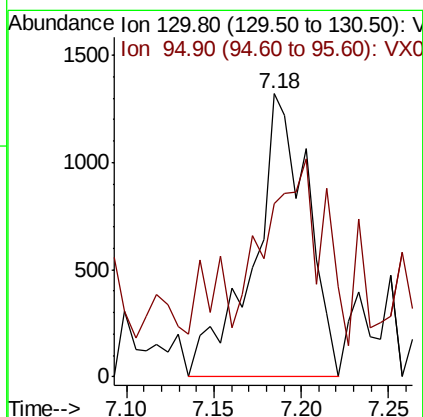
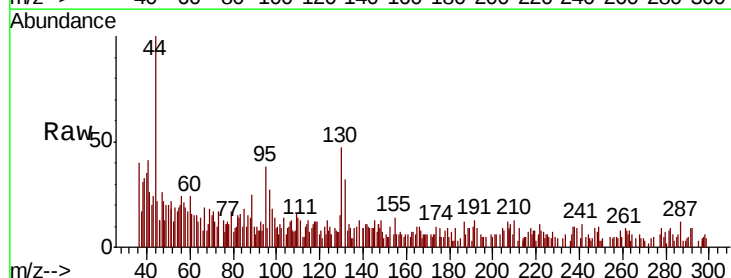
Acq: 09 Apr 2020 12:22

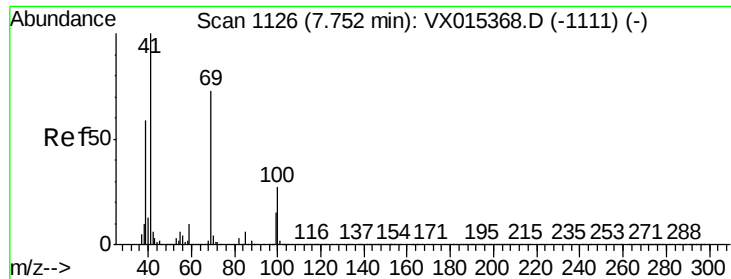
Tgt Ion: 130 Resp: 2839

Ion Ratio Lower Upper

130 100

95 46.1 0.0 199.0

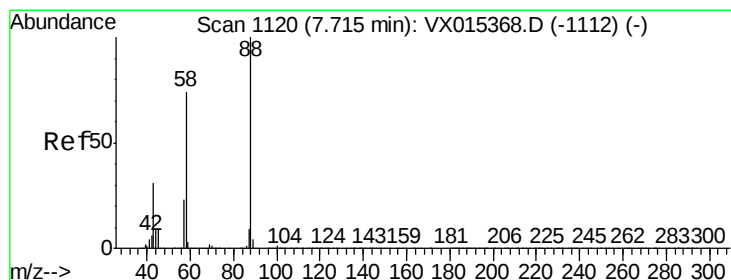
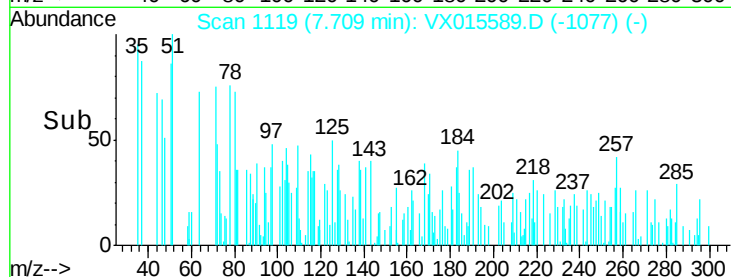
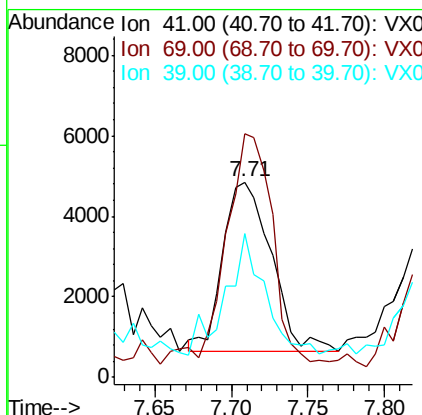
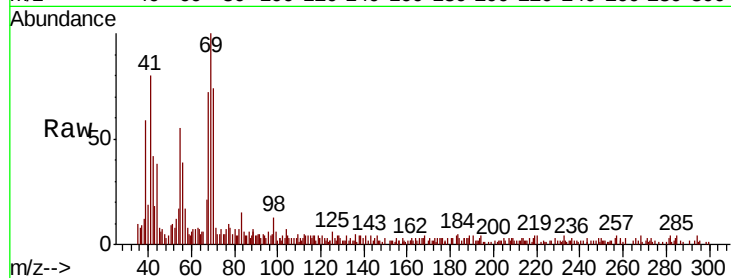




#48
Methvl methacrvlate
Concen: 0.580 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.04 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

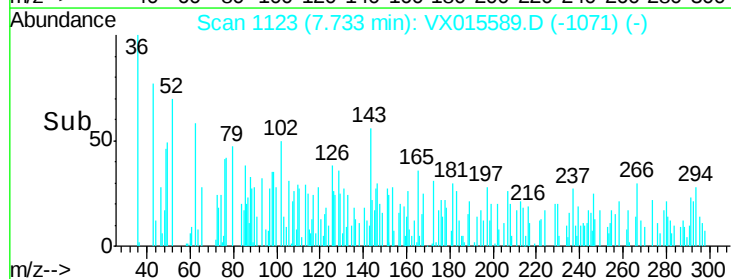
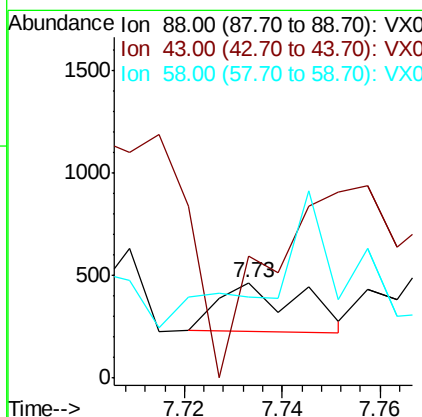
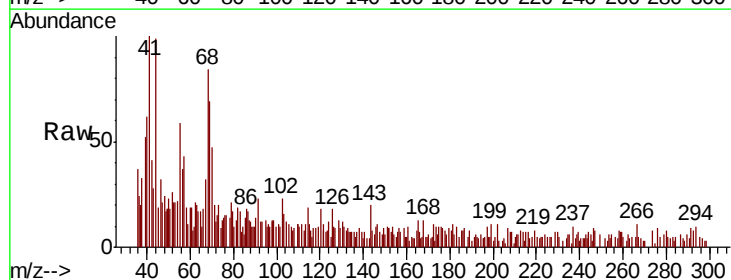
Instrument :
MSVOA_X
ClientSampleId :

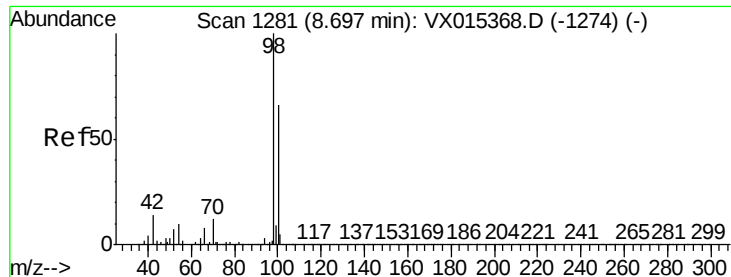
Tot Ion: 41 Resp: 9217
Ion Ratio Lower Upper
41 100
69 132.0 56.7 85.1#
39 58.8 46.5 69.7



#49
1,4-Dioxane
Concen: 0.939 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.02 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 162.6 60.6 90.8#

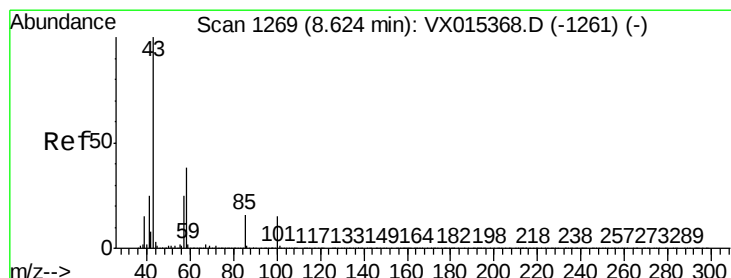
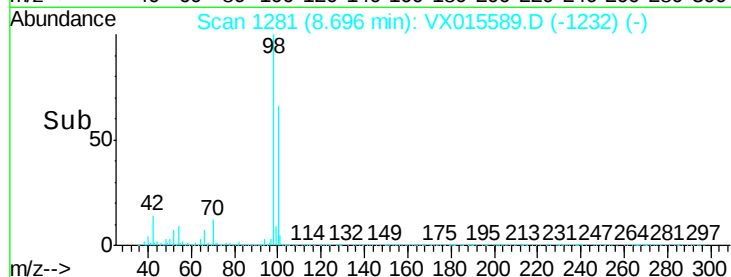
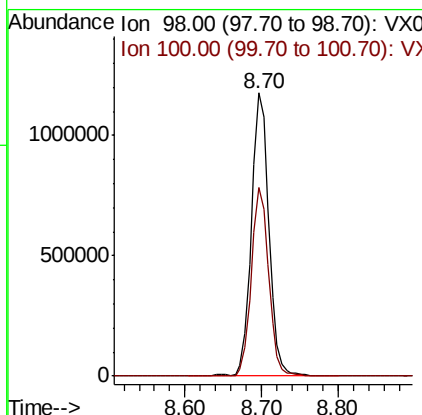
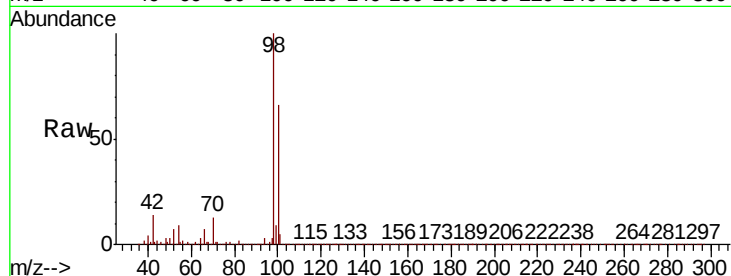




#50
Toluene-d8
Concen: 50.929 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

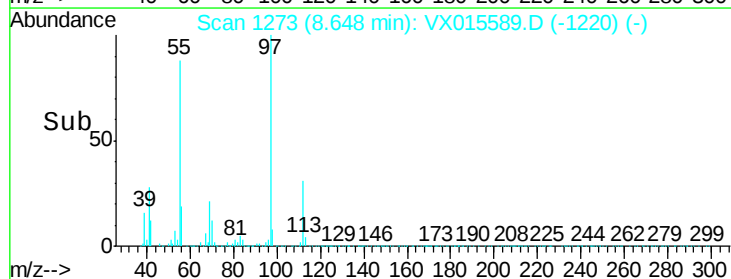
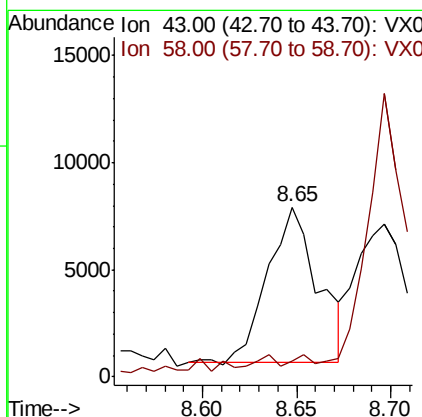
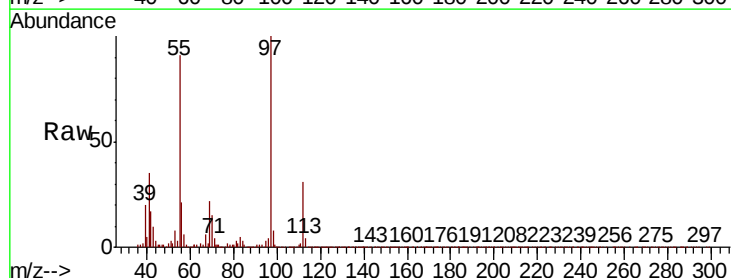
Instrument :
MSVOA_X
ClientSampleId :

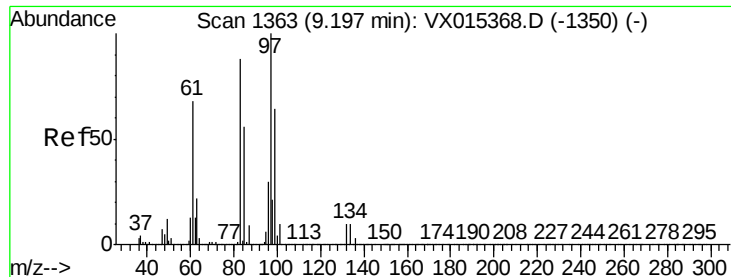
Tot Ion: 98 Resp: 1881408
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.755 ug/l
RT: 8.65 min Scan# 1273
Delta R.T. 0.02 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 43 Resp: 13600
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 4.825 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 51629

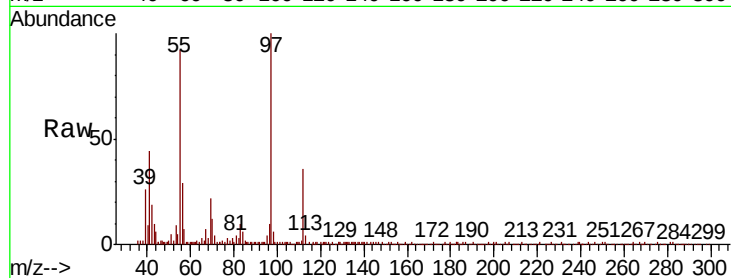
Ion Ratio Lower Upper

97 100

83 8.5 70.2 105.4#

85 1.7 44.7 67.1#

99 0.2 51.1 76.7#

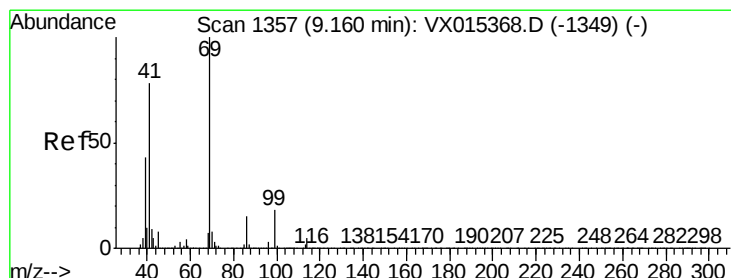
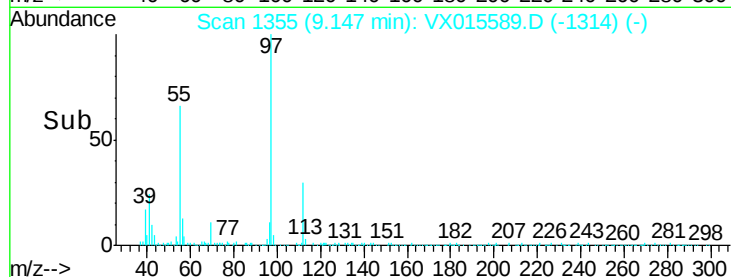
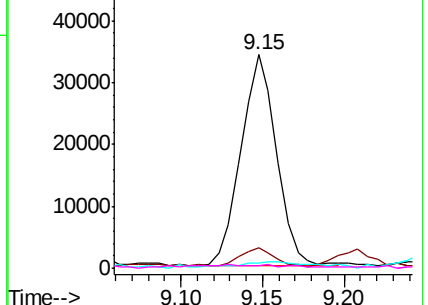


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.716 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

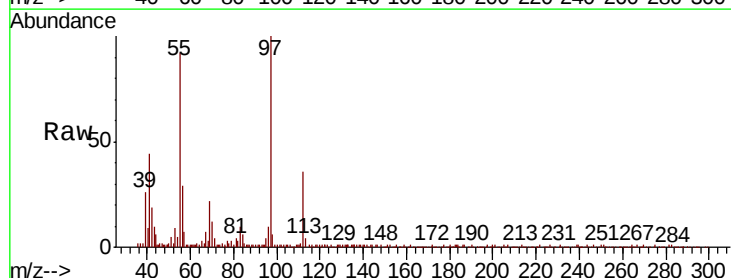
Tgt Ion: 69 Resp: 13498

Ion Ratio Lower Upper

69 100

41 161.7 61.6 92.4#

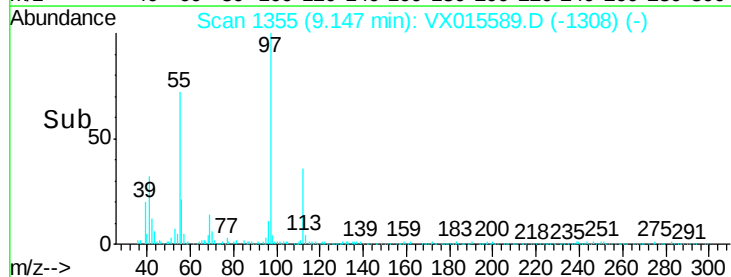
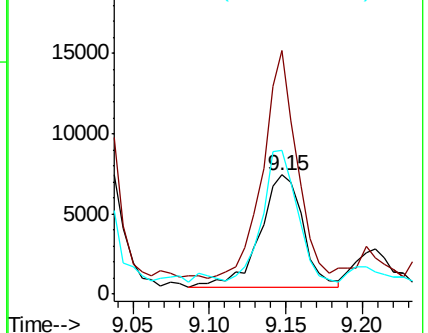
39 97.9 34.0 51.0#

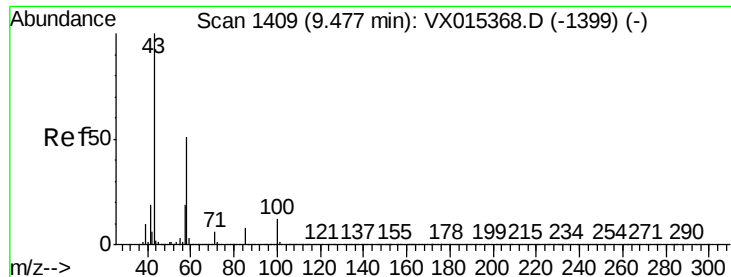


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

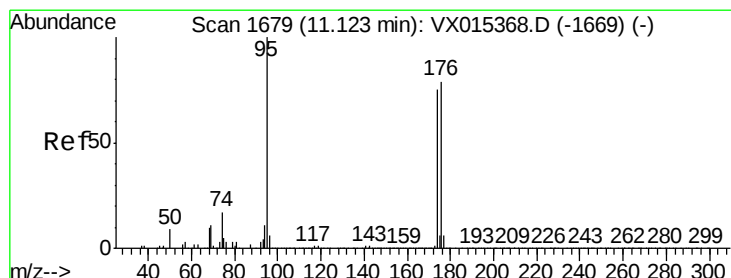
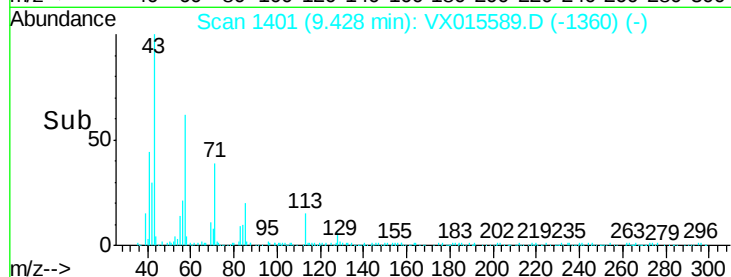
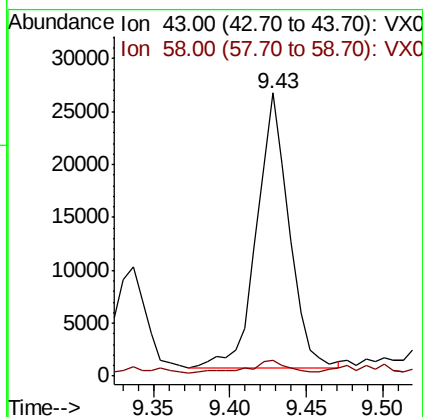
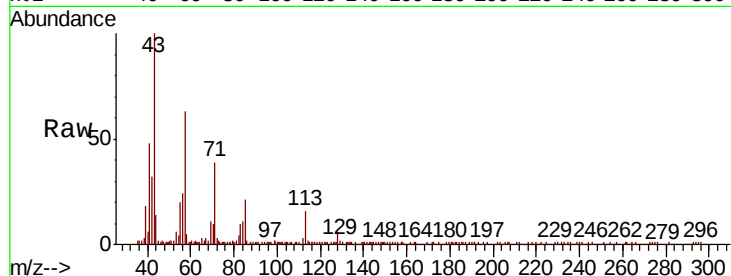




#59
2-Hexanone
Concen: 2.811 ug/l
RT: 9.43 min Scan# 1401
Delta R.T. -0.05 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

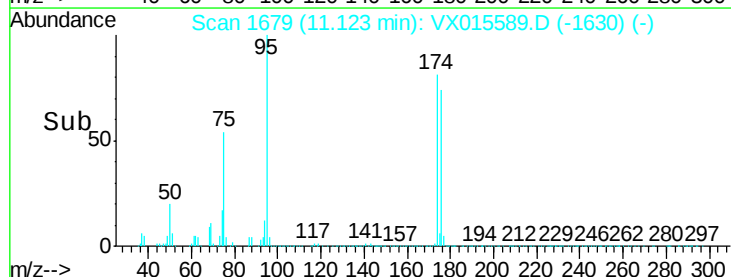
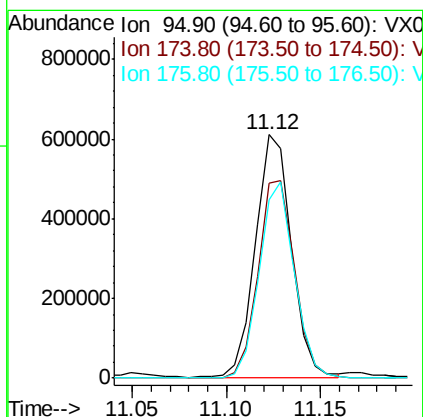
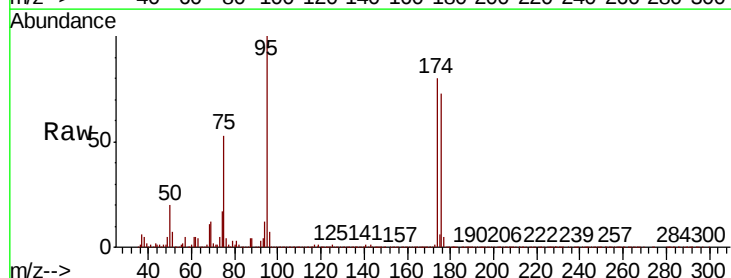
Instrument :
MSVOA_X
ClientSampled :

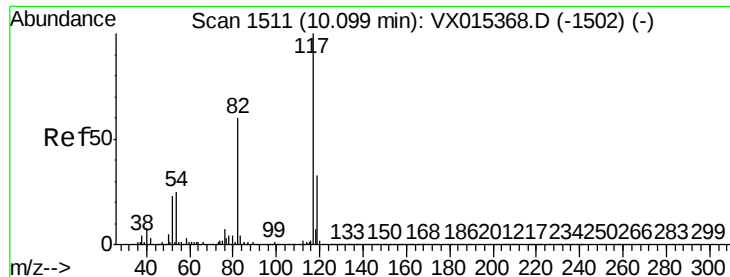
Tot Ion: 43 Resp: 38229
Ion Ratio Lower Upper
43 100
58 7.1 25.6 76.6#



#62
4-Bromofluorobenzene
Concen: 53.818 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 95 Resp: 807979
Ion Ratio Lower Upper
95 100
174 82.8 0.0 158.6
176 78.9 0.0 159.0

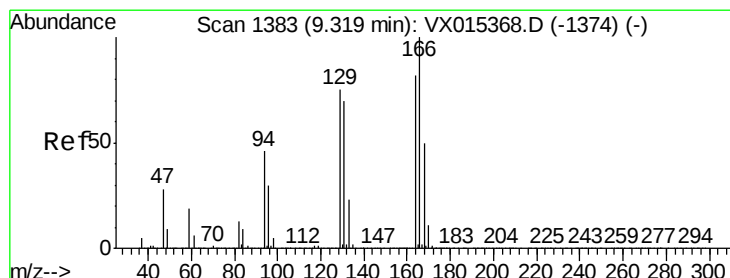
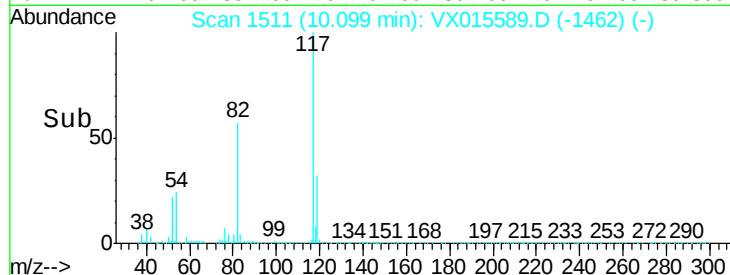
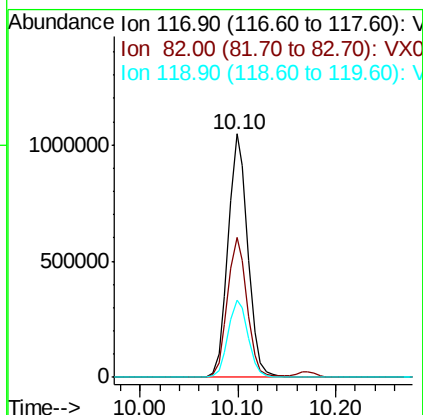
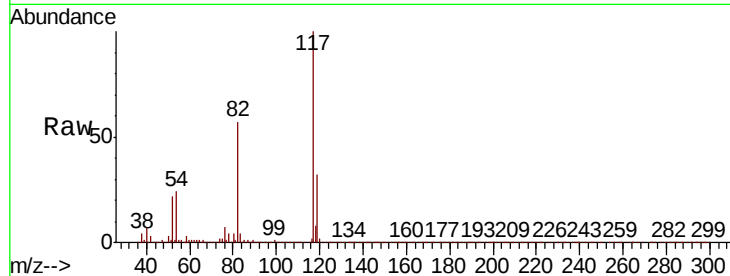




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

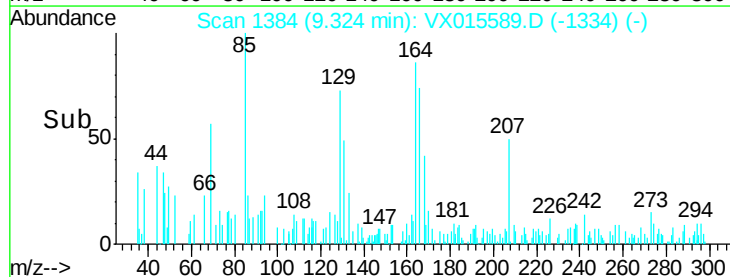
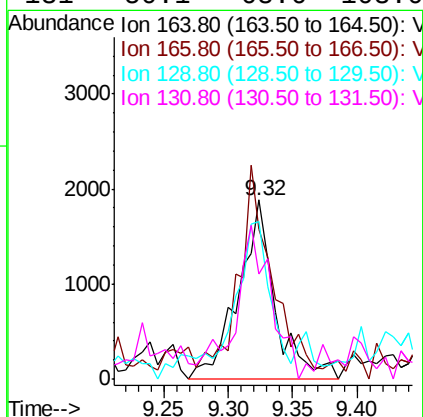
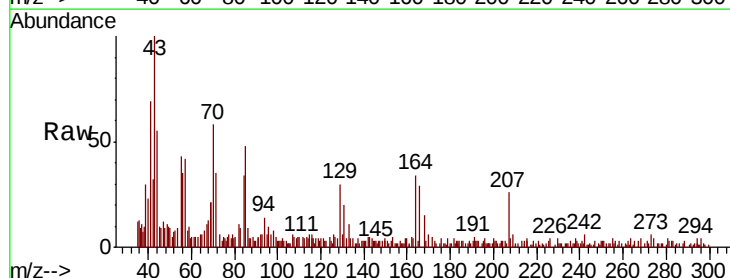
Instrument :
MSVOA_X
ClientSampleId :

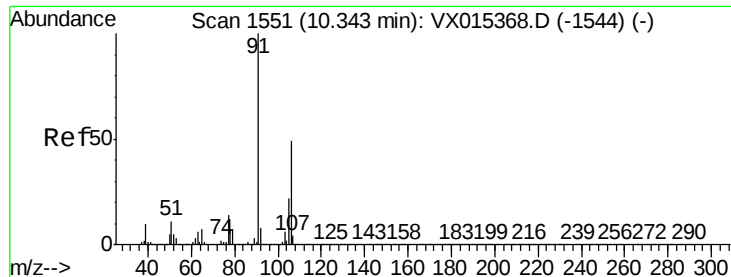
Tot Ion:117 Resp: 1465098
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.8
119 31.9 26.8 40.2



#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion:164 Resp: 3718
Ion Ratio Lower Upper
164 100
166 73.3 97.8 146.6#
129 78.3 73.0 109.4
131 50.1 68.6 103.0#





#68

m/p-Xvlenes

Concen: 0.408 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

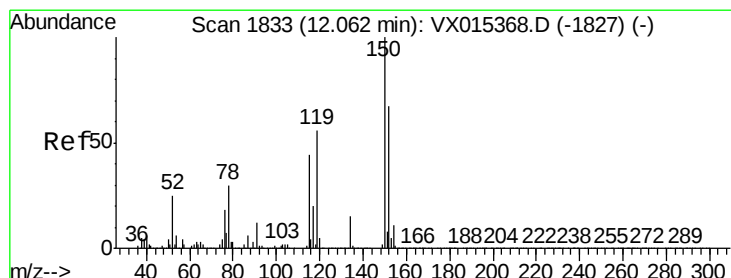
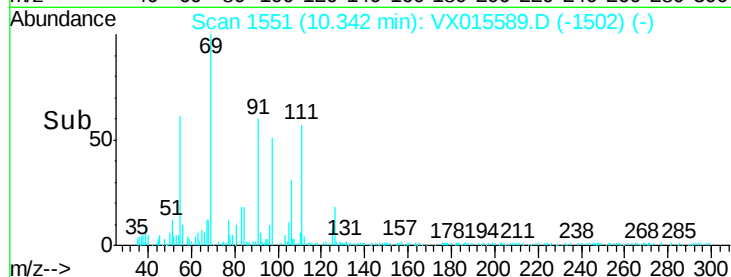
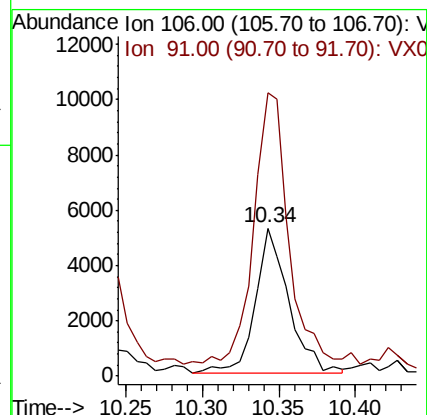
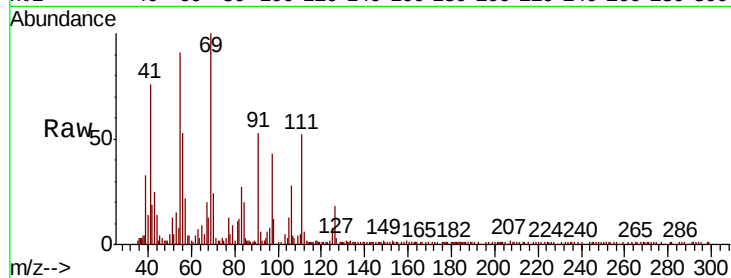
ClientSampleId :

Tot Ion:106 Resp: 7882

Ion Ratio Lower Upper

106 100

91 204.2 163.4 245.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

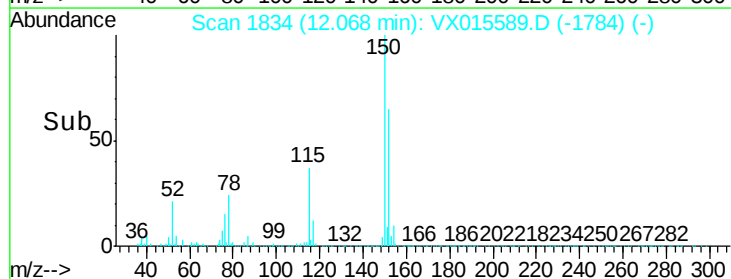
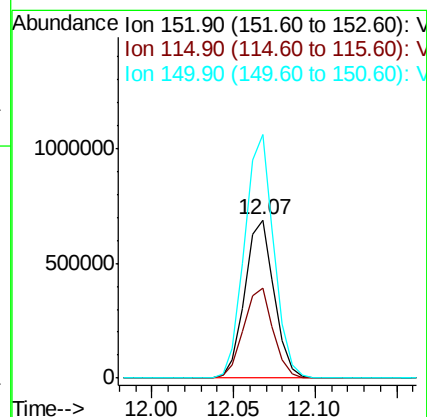
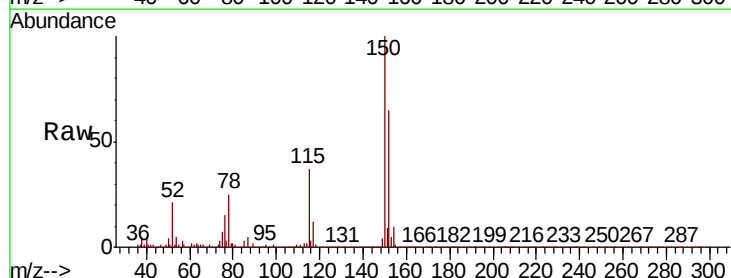
Tgt Ion:152 Resp: 863641

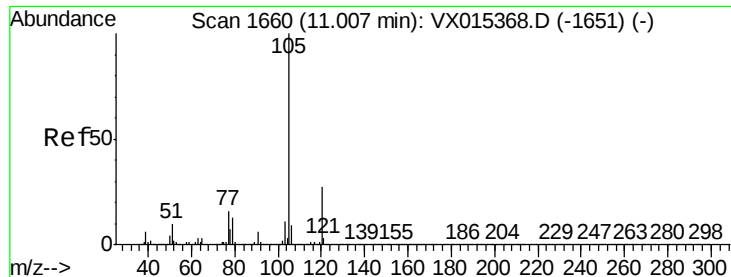
Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 153.4 0.0 340.8





#73

Isopropylbenzene

Concen: 4.086 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

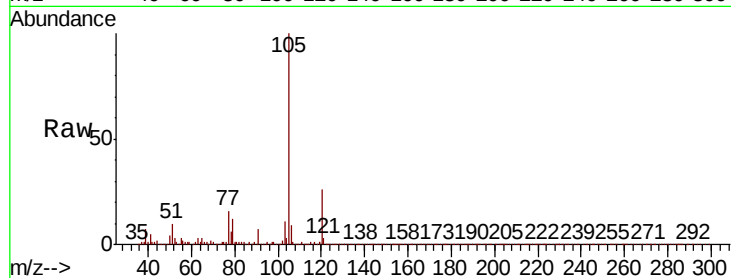
ClientSampleId :

Tot Ion:105 Resp: 231200

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

200000

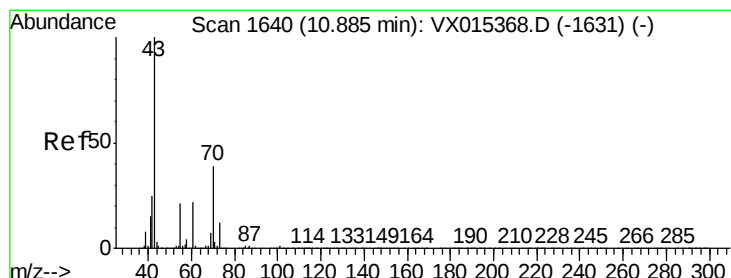
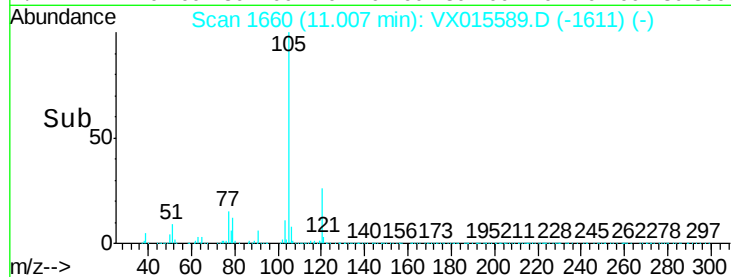
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 1.241 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Tgt Ion: 43 Resp: 39070

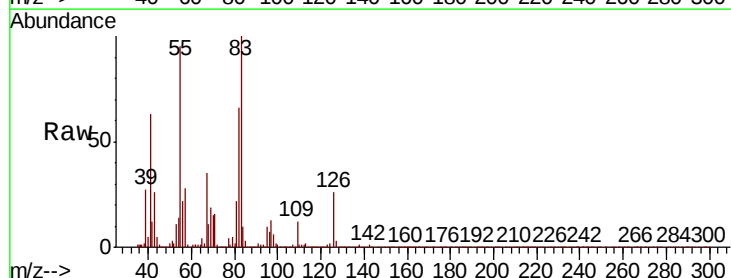
Ion Ratio Lower Upper

43 100

70 100.9 30.2 45.4#

55 352.6 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

120000

100000

80000

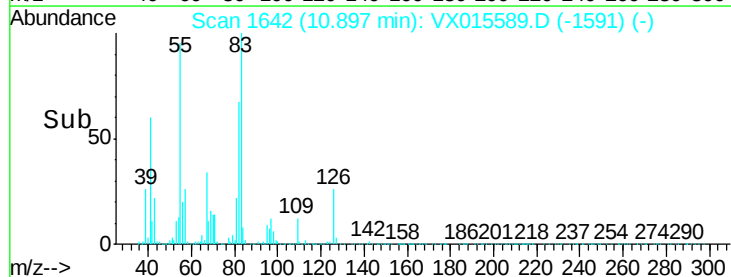
60000

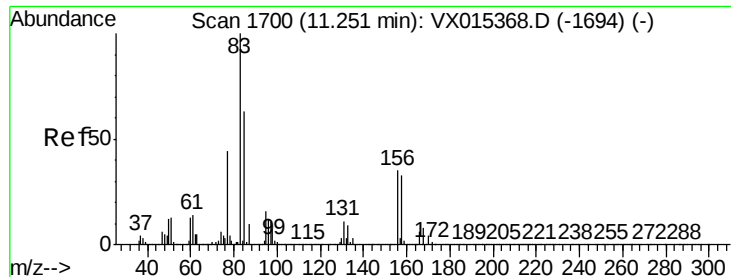
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.212 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

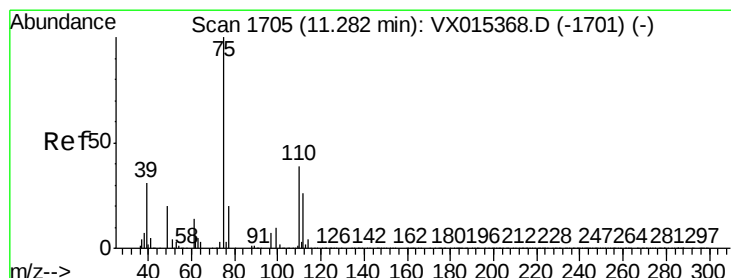
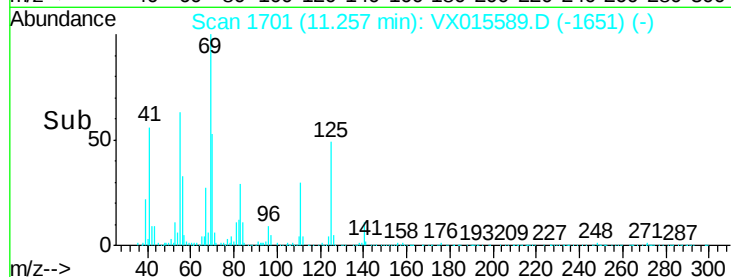
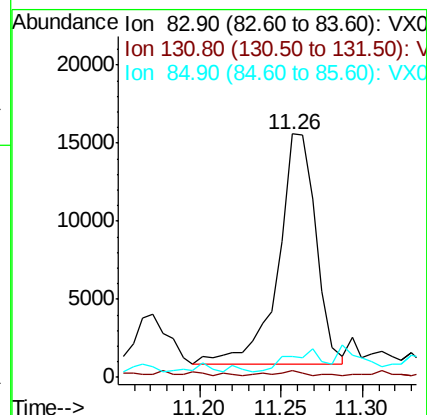
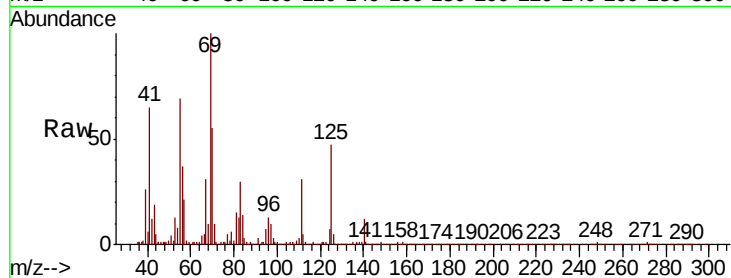
Tot Ion: 83 Resp: 23525

Ion Ratio Lower Upper

83 100

131 1.7 5.3 16.1#

85 9.4 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 23.379 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015589.D

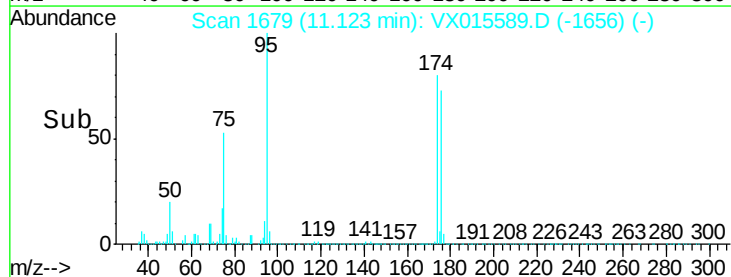
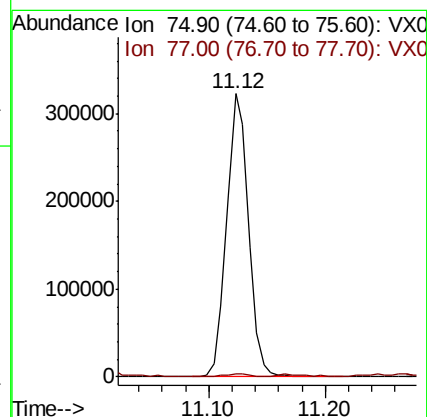
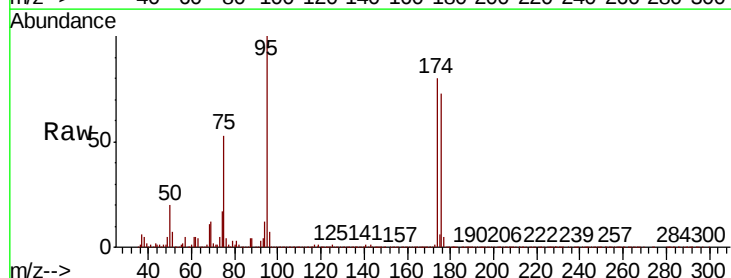
Acq: 09 Apr 2020 12:22

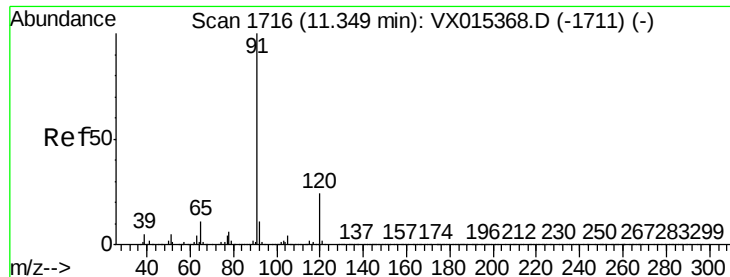
Tgt Ion: 75 Resp: 415209

Ion Ratio Lower Upper

75 100

77 0.9 21.2 63.6#





#78

n-propylbenzene

Concen: 8.766 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

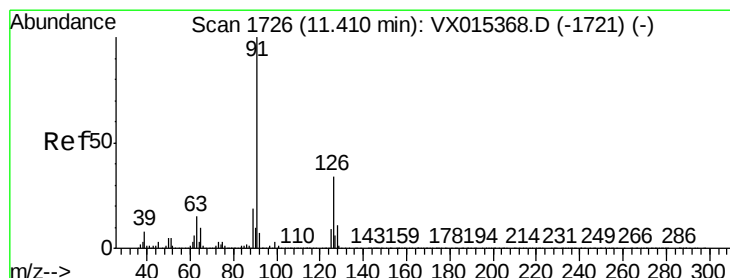
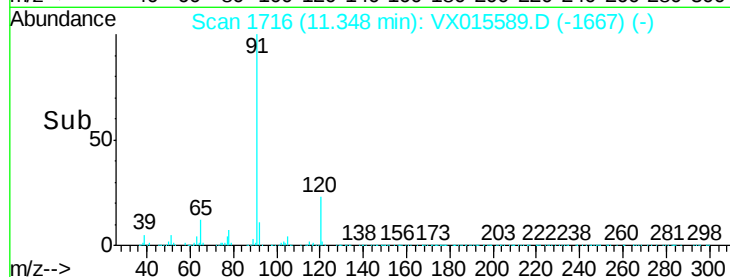
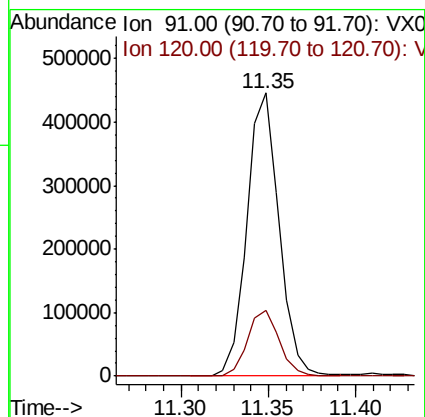
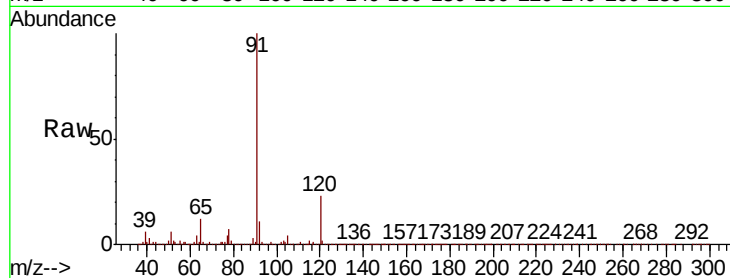
ClientSampleId :

Tot Ion: 91 Resp: 567234

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0



#79

2-Chlorotoluene

Concen: 14.302 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.06 min

Lab File: VX015589.D

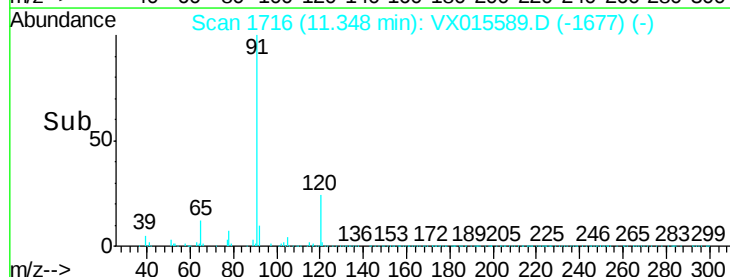
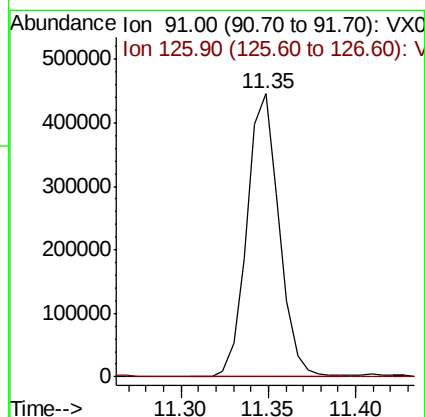
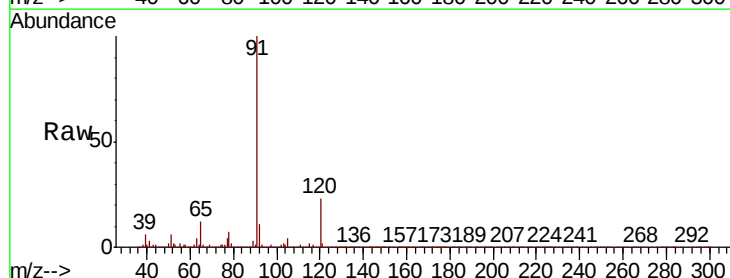
Acq: 09 Apr 2020 12:22

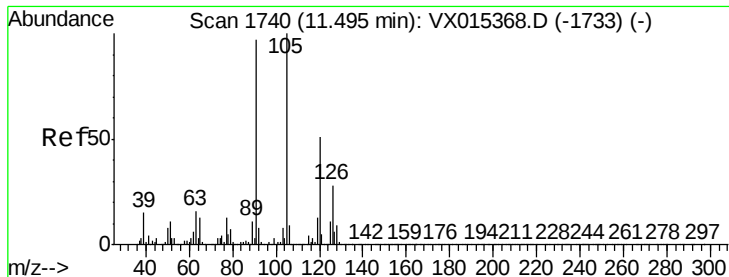
Tgt Ion: 91 Resp: 567234

Ion Ratio Lower Upper

91 100

126 0.1 16.5 49.5#

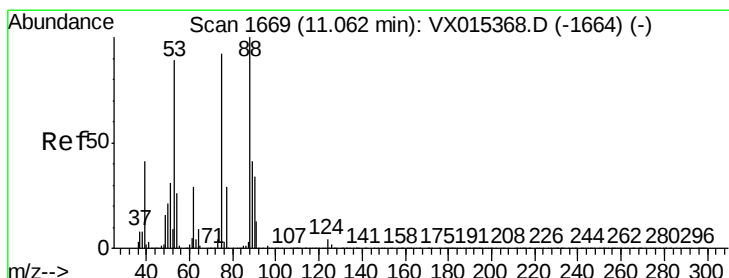
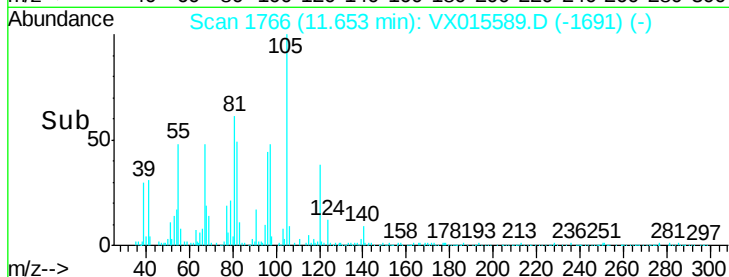
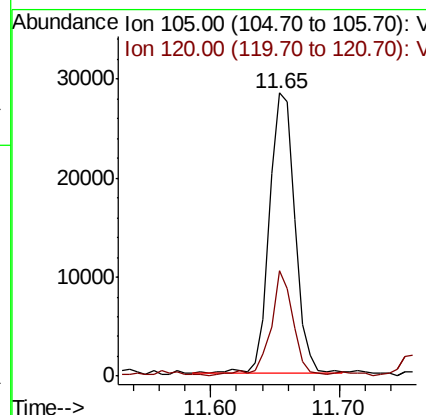
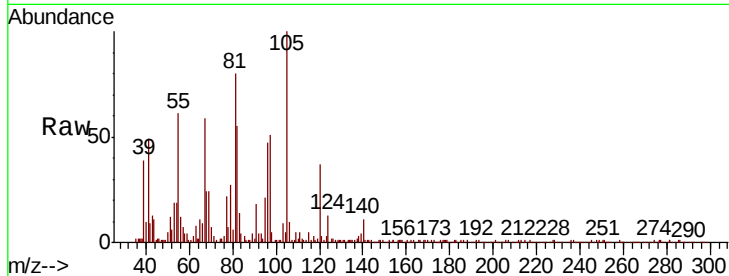




#80
 1,3,5-Trimethylbenzene
 Concen: 0.810 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. 0.16 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

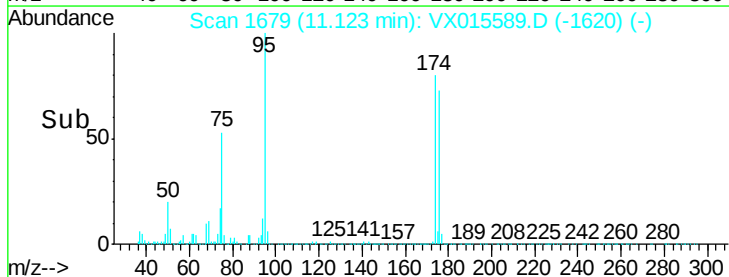
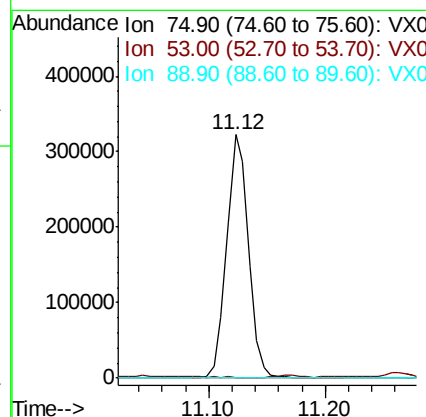
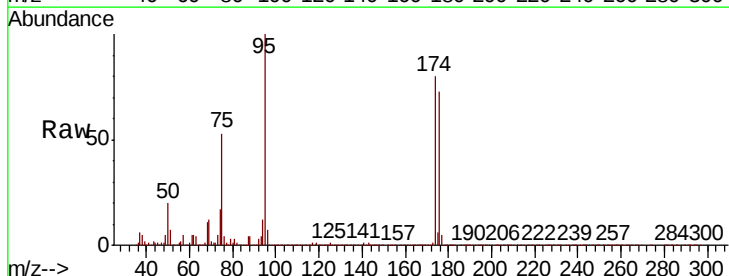
Instrument :
 MSVOA_X
 ClientSampleId :

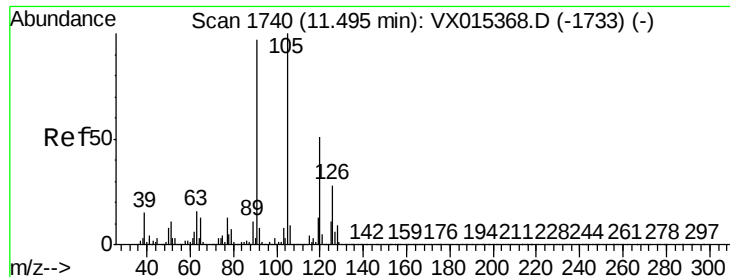
Tot Ion: 105 Resp: 39156
 Ion Ratio Lower Upper
 105 100
 120 33.8 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.096 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

Tgt Ion: 75 Resp: 415209
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 36.1 54.1#

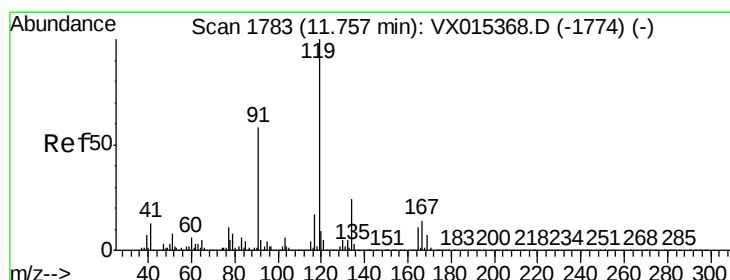
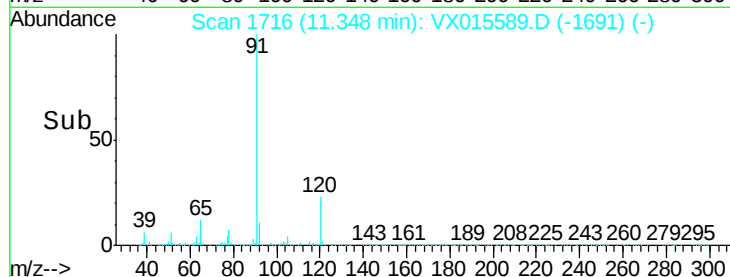
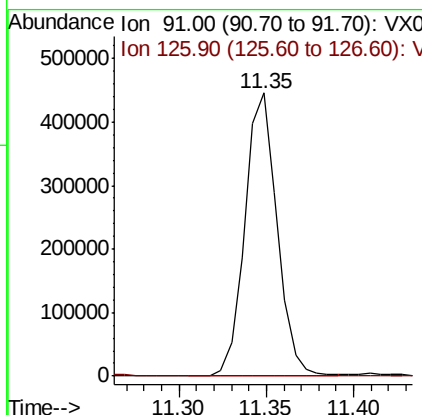
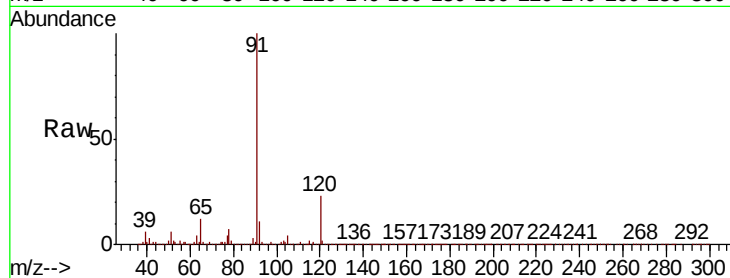




#82
4-Chlorotoluene
Concen: 12.200 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.15 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

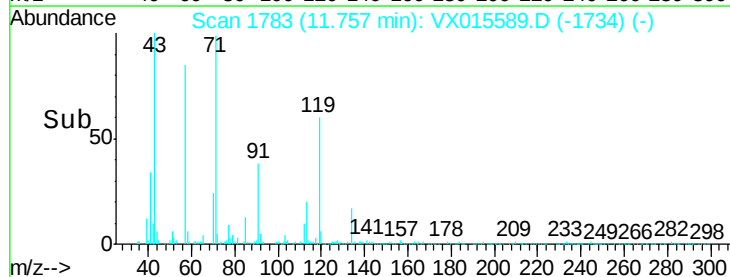
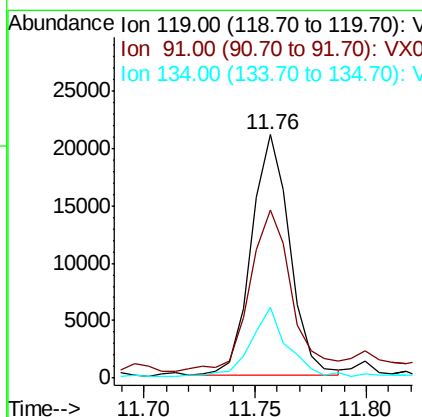
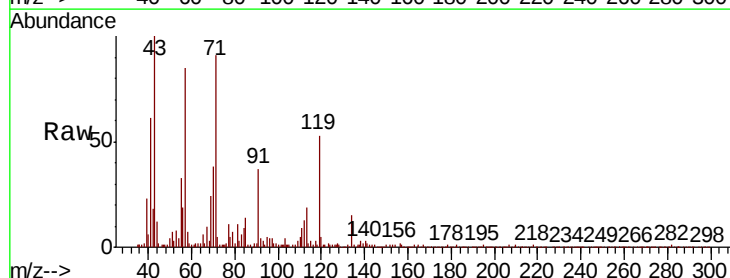
Instrument :
MSVOA_X
ClientSampleId :

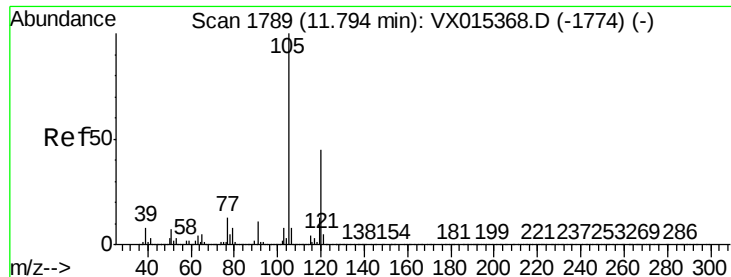
Tot Ion: 91 Resp: 567234
Ion Ratio Lower Upper
91 100
126 0.1 14.7 44.1#



#83
tert-Butylbenzene
Concen: 0.538 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion: 119 Resp: 25395
Ion Ratio Lower Upper
119 100
91 71.9 28.6 85.8
134 26.8 11.8 35.3

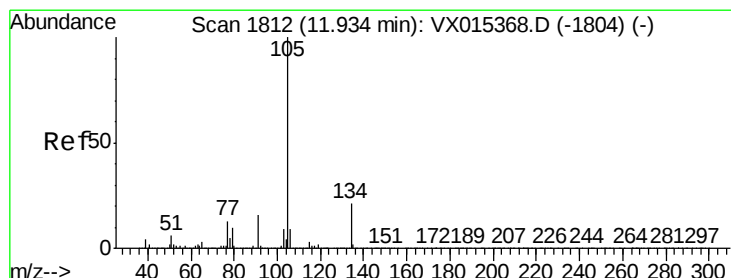
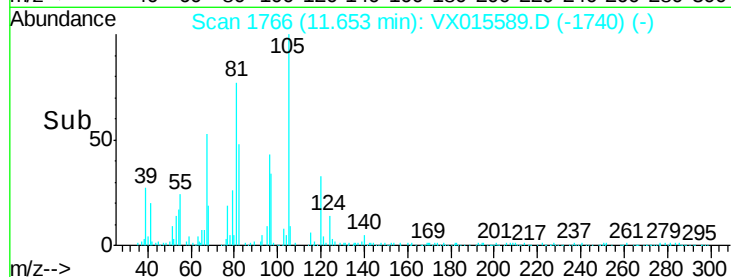
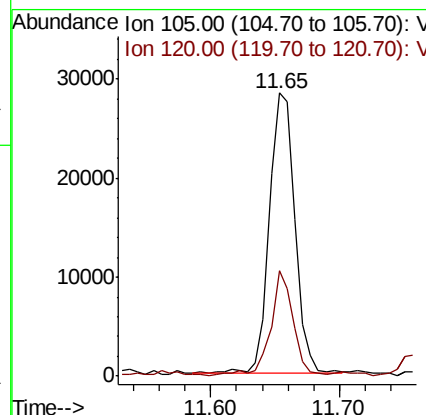
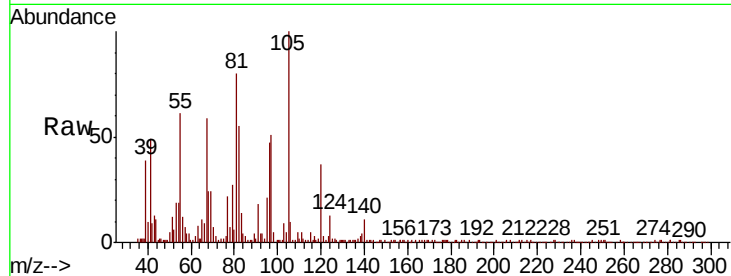




#84
 1,2,4-Trimethylbenzene
 Concen: 0.795 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. -0.14 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

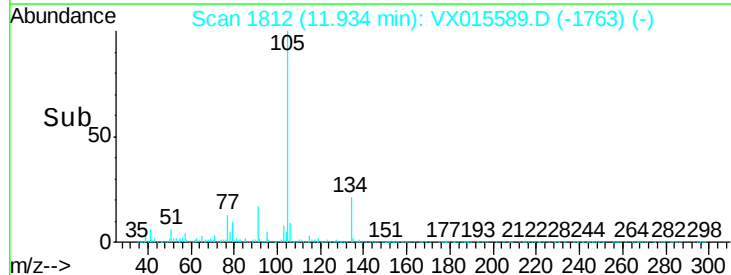
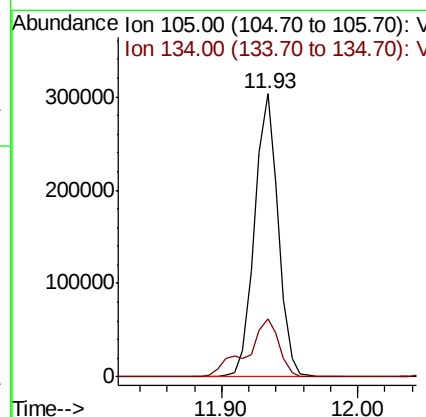
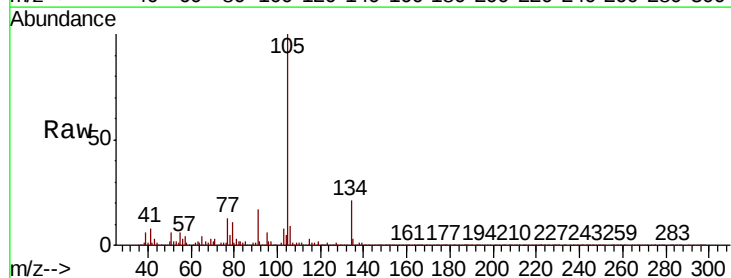
Instrument :
 MSVOA_X
 ClientSampleId :

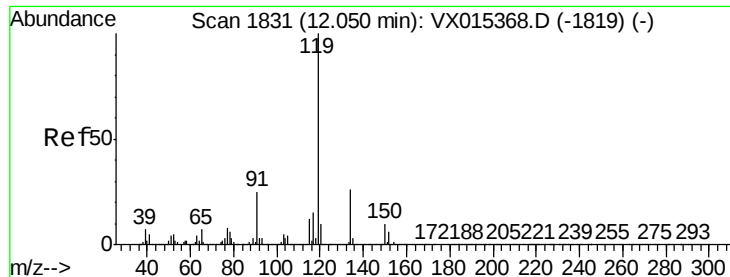
Tot Ion:105 Resp: 39156
 Ion Ratio Lower Upper
 105 100
 120 33.8 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 6.750 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

Tgt Ion:105 Resp: 368525
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.4 31.1

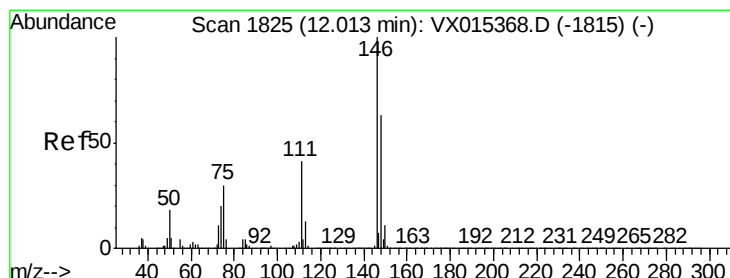
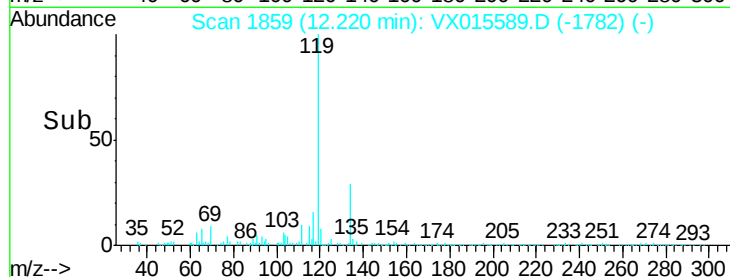
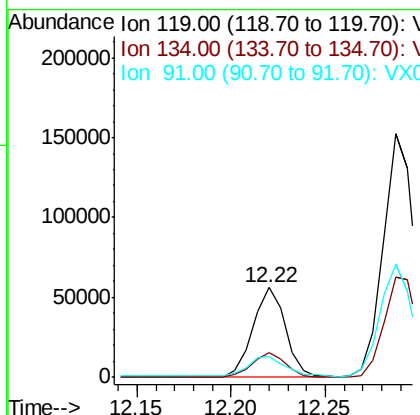
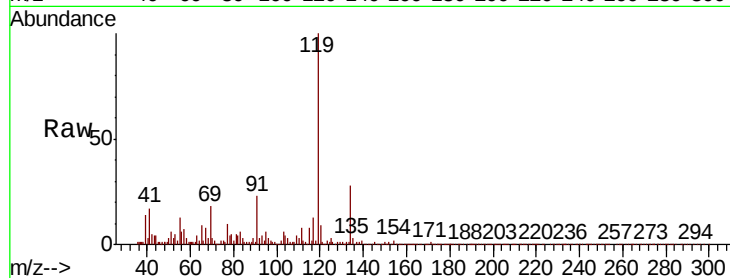




#86
 p-Isopropyltoluene
 Concen: 1.332 ug/l
 RT: 12.22 min Scan# 1859
 Delta R.T. 0.17 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

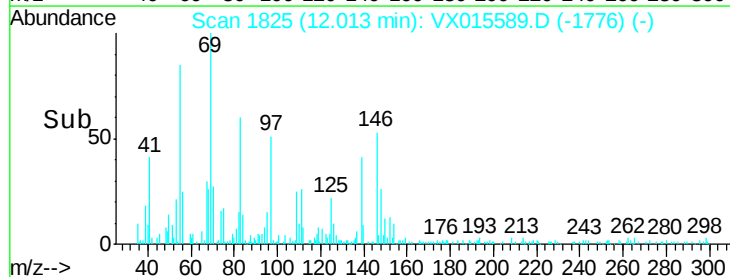
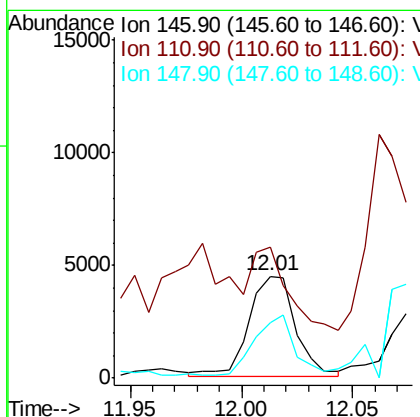
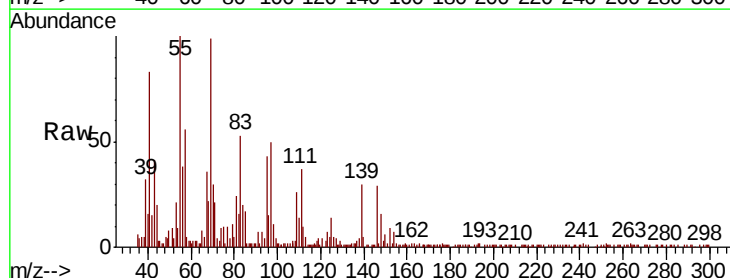
Instrument :
 MSVOA_X
 ClientSampleId :

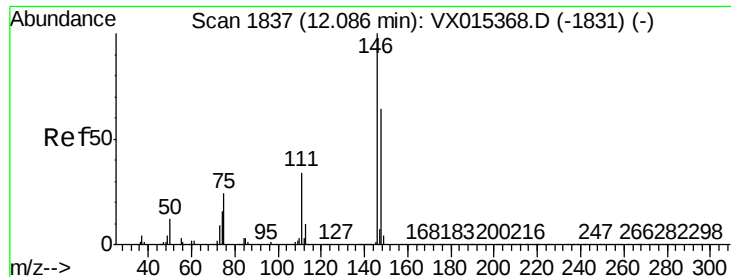
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.1	39.3
91	25.1	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	62.0	20.3	60.9#
148	53.8	31.3	93.9





#88

1,4-Dichlorobenzene

Concen: 0.298 ug/l

RT: 12.09 min Scan# 1837

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

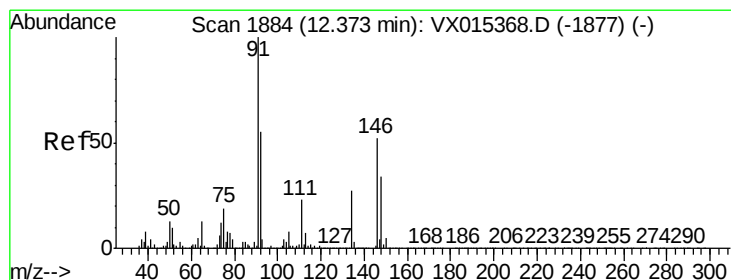
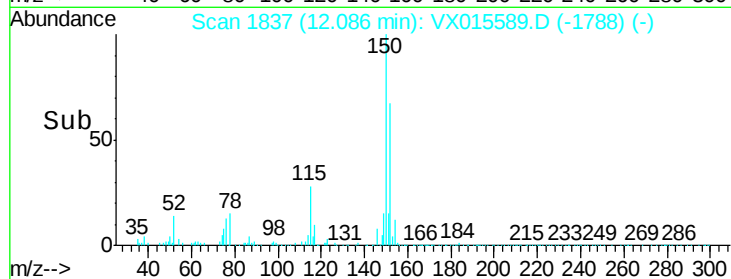
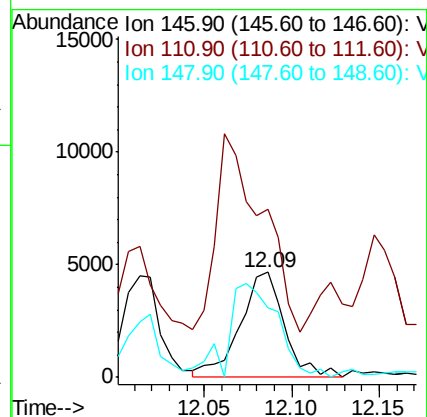
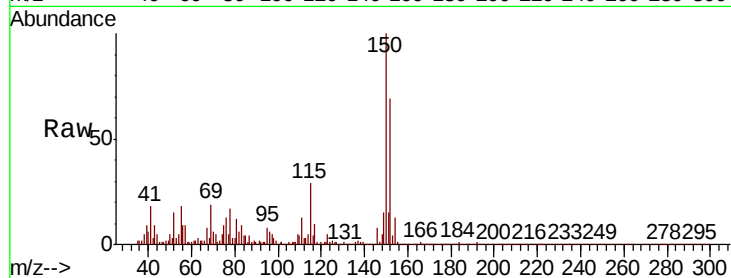
Tot Ion:146 Resp: 8203

Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.5#

148 101.7 32.4 97.2#



#89

n-Butylbenzene

Concen: 5.472 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

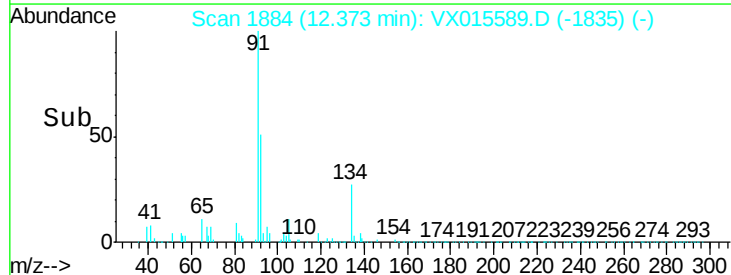
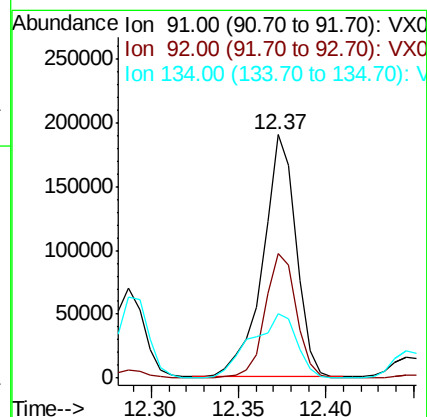
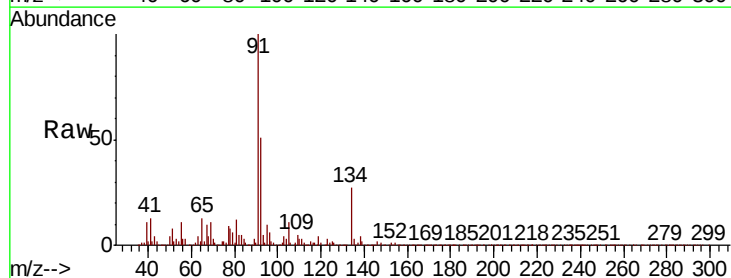
Tgt Ion: 91 Resp: 250622

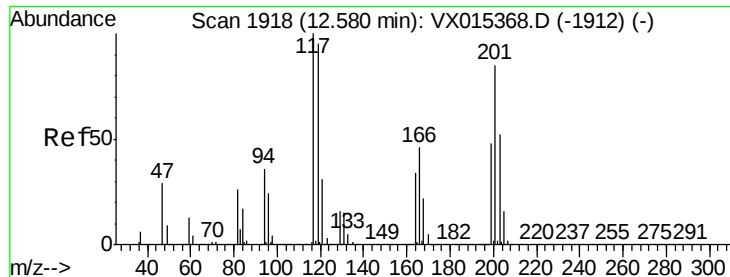
Ion Ratio Lower Upper

91 100

92 48.6 27.2 81.5

134 36.5 13.4 40.2





#90

Hexachloroethane

Concen: 7.239 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

Instrument :

MSVOA_X

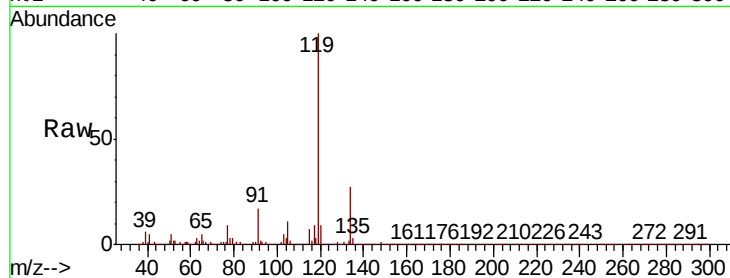
ClientSampled :

Tot Ion:117 Resp: 71413

Ion Ratio Lower Upper

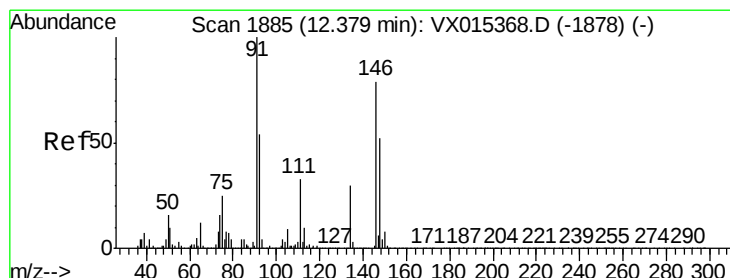
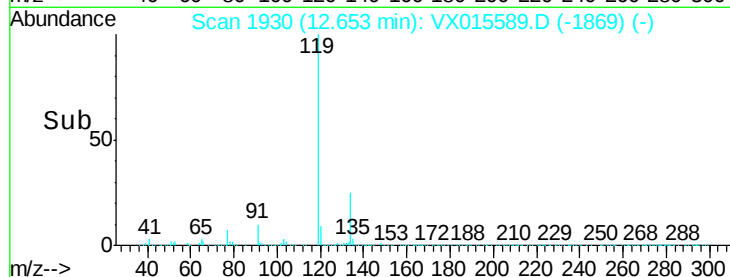
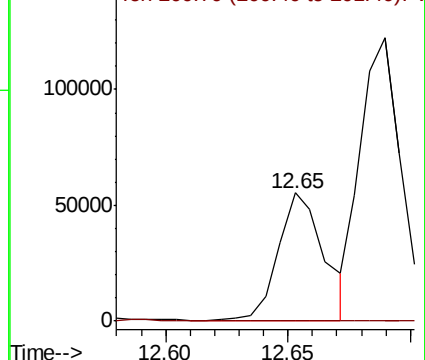
117 100

201 0.6 42.6 128.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.321 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015589.D

Acq: 09 Apr 2020 12:22

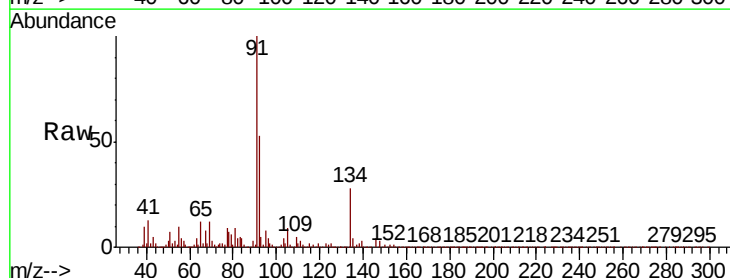
Tgt Ion:146 Resp: 8497

Ion Ratio Lower Upper

146 100

111 99.3 21.0 63.0#

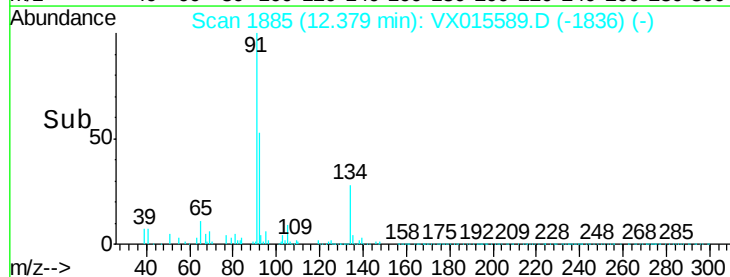
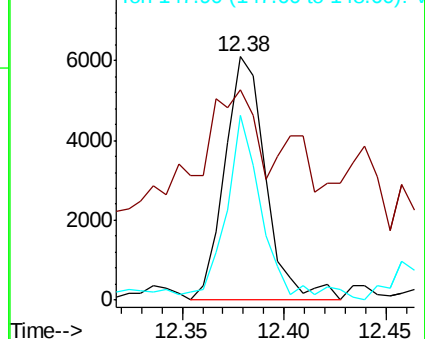
148 67.9 32.4 97.0

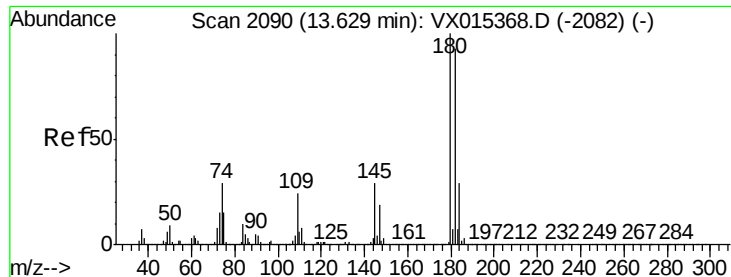


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

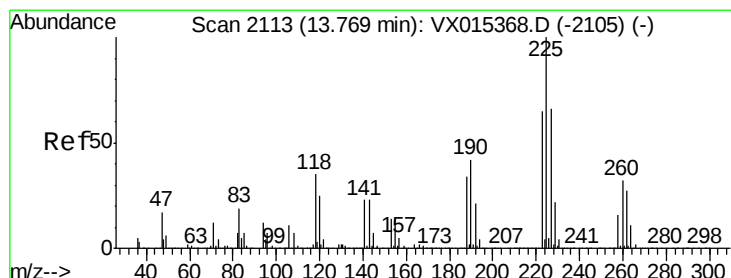
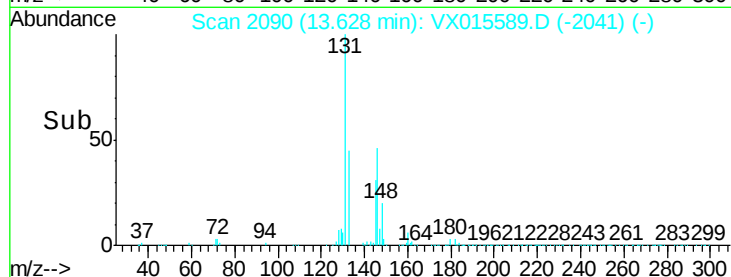
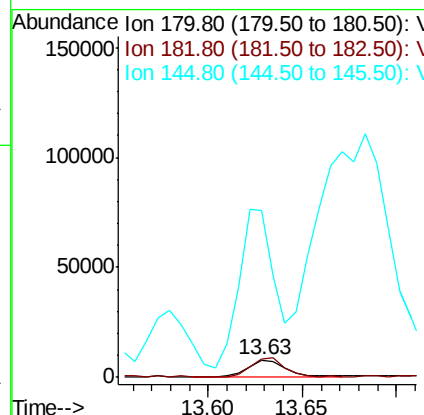
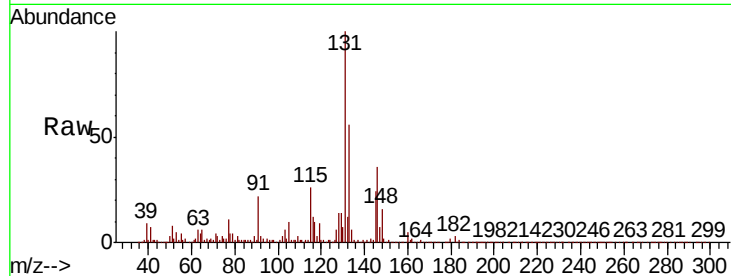




#93
 1,2,4-Trichlorobenzene
 Concen: 0.498 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

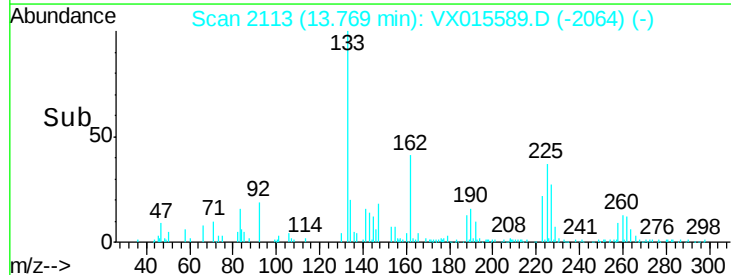
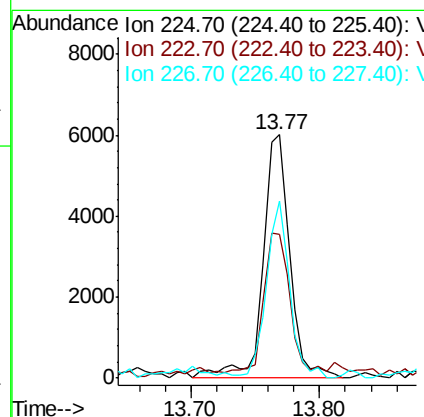
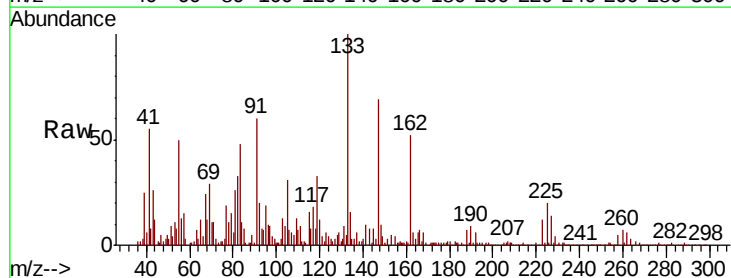
Instrument :
 MSVOA_X
 ClientSampled :

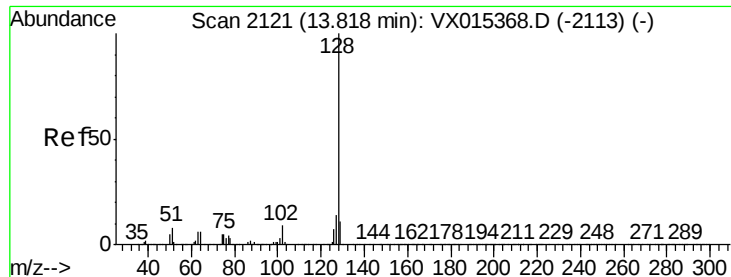
Tot Ion	Ratio	Lower	Upper
180	100		
182	107.3	46.9	140.7
145	944.9	14.9	44.5#



#94
 Hexachlorobutadiene
 Concen: 0.869 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015589.D
 Acq: 09 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.9	95.7
227	63.3	30.4	91.3

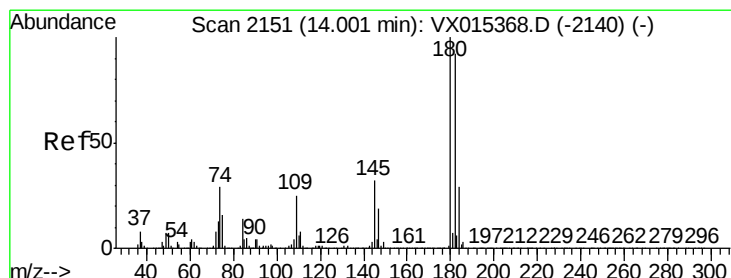
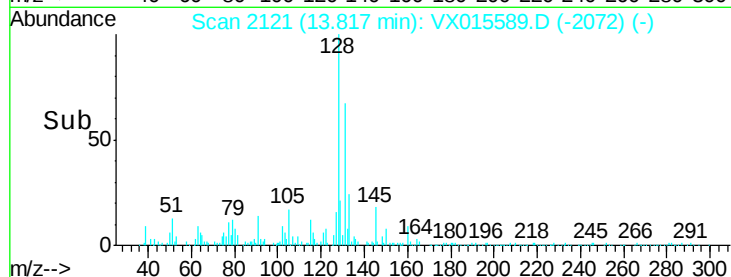
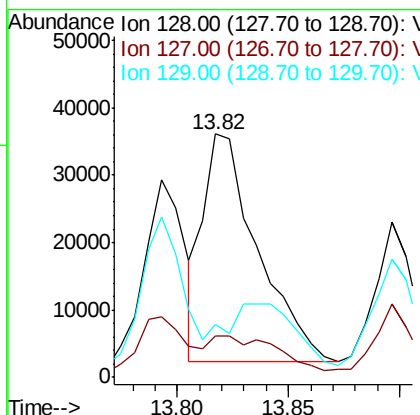
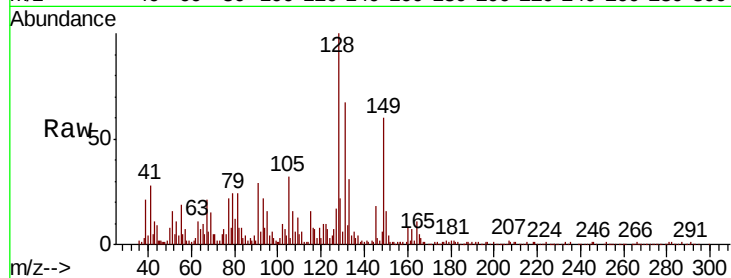




#95
Naphthalene
Concen: 0.899 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	15.8#
129	0.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.430 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015589.D
Acq: 09 Apr 2020 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	46.7	140.0
145	1599.7	15.8	47.3#

