

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
 Data File : VX011583.D
 Acq On : 16 Aug 2019 16:01
 Operator : JC/SP
 Sample : K4368-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133

Quant Time: Aug 19 01:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	467098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	626972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	562678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	216310	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	185286	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
50) Toluene-d8	8.71	98	723941	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	
62) 4-Bromofluorobenzene	11.13	95	259697	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	995	0.209	ug/l #	71
5) Bromomethane	1.64	94	623	0.323	ug/l #	70
6) Chloroethane	1.63	64	417	0.205	ug/l #	65
11) Tert butyl alcohol	3.03	59	373	0.351	ug/l #	71
13) Acrolein	2.30	56	223	12.833	ug/l #	15
15) Acrylonitrile	3.17	53	1164	0.479	ug/l #	43
16) Acetone	2.43	43	5538	2.543	ug/l	89
18) Methyl Acetate	2.84	43	4279	0.633	ug/l #	56
25) 2-Butanone	4.68	43	2230	0.652	ug/l	93
31) Cyclohexane	5.58	56	150273	23.397	ug/l	97
36) 1,1-Dichloropropene	5.65	75	26810	5.001	ug/l #	50
38) Carbon Tetrachloride	5.66	117	39383	6.668	ug/l #	17
39) Methylcyclohexane	7.46	83	252073	38.078	ug/l	98
40) Benzene	6.14	78	16424	0.986	ug/l	98
48) Methyl methacrylate	7.73	41	11845	2.486	ug/l #	54
49) 1,4-Dioxane	7.76	88	245	1.933	ug/l #	25
51) 4-Methyl-2-Pentanone	8.84	43	1492	0.237	ug/l	90
52) Toluene	8.78	92	32044	3.019	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	17458	3.868	ug/l #	18
56) Ethyl methacrylate	9.16	69	3615	0.551	ug/l #	1
67) Ethyl Benzene	10.25	91	9560025	477.304	ug/l	95
68) m/p-Xylenes	10.37	106	14033848	1825.360	ug/l #	58
69) o-Xylene	10.69	106	95158	12.636	ug/l	100
70) Styrene	10.70	104	6478	0.511	ug/l #	1
71) Bromoform	10.76	173	89	3.311	ug/l #	28
73) Isopropylbenzene	11.02	105	1405495	76.581	ug/l	100
74) N-amyl acetate	10.91	43	2993	0.384	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2406	0.381	ug/l #	51
76) 1,2,3-Trichloropropane	11.35	75	11088	2.067	ug/l #	1
78) n-propylbenzene	11.36	91	1948931	98.480	ug/l	100
79) 2-Chlorotoluene	11.43	91	1071802	88.199	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	3375198	218.925	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	15027	11.395	ug/l #	66
82) 4-Chlorotoluene	11.51	91	339688	24.094	ug/l #	42

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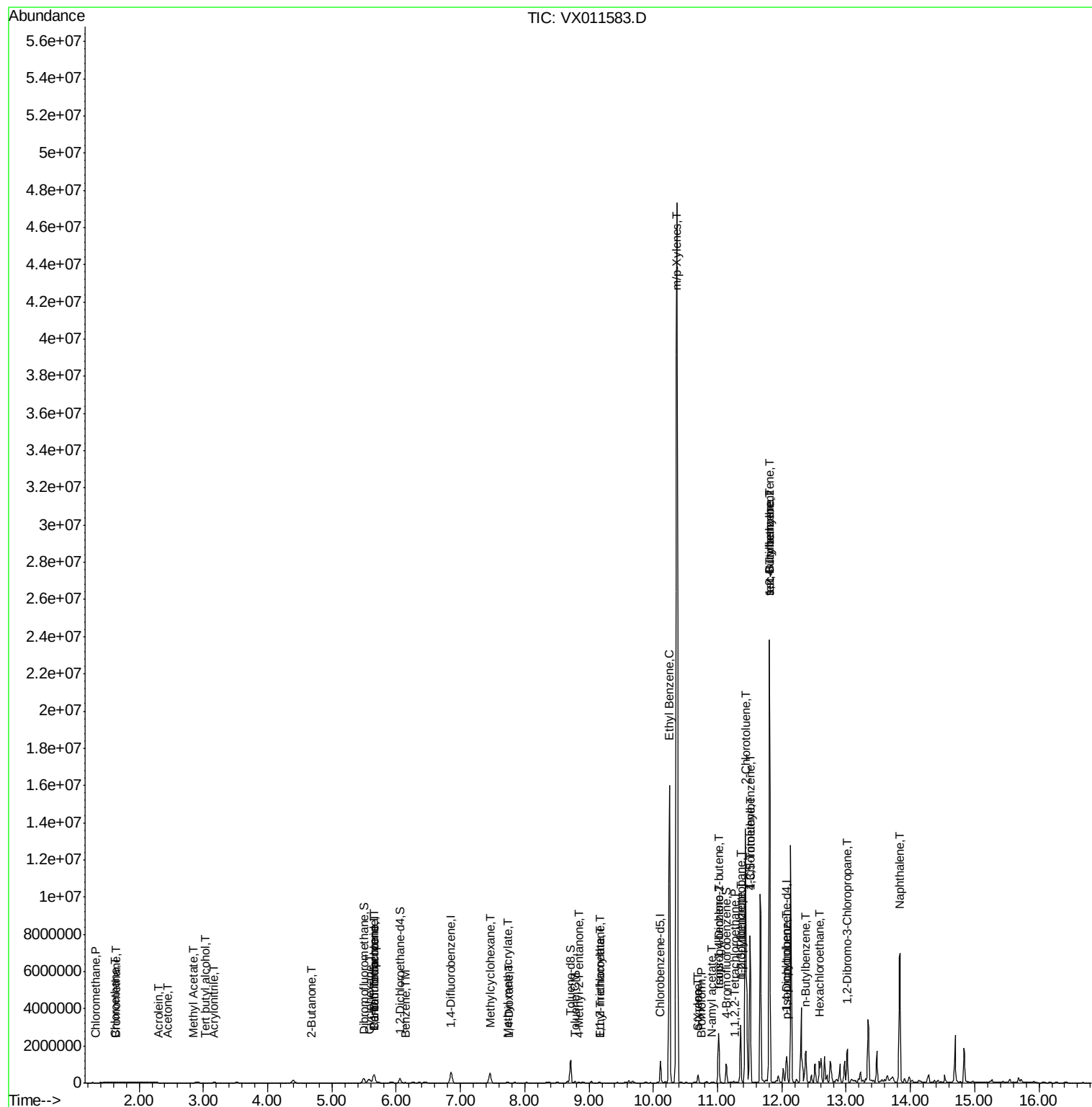
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	1522368	96.954	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	10668251	689.269	ug/l	93
85) sec-Butylbenzene	11.81	105	10668251	602.195	ug/l #	54
86) p-Isopropyltoluene	12.06	119	159114	9.547	ug/l	97
89) n-Butylbenzene	12.37	91	231556	16.899	ug/l #	18
90) Hexachloroethane	12.58	117	52812	20.066	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	5126	3.549	ug/l #	1
95) Naphthalene	13.83	128	4598573	231.718	ug/l	99

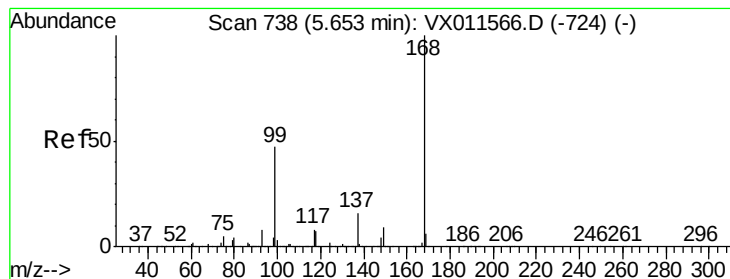
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

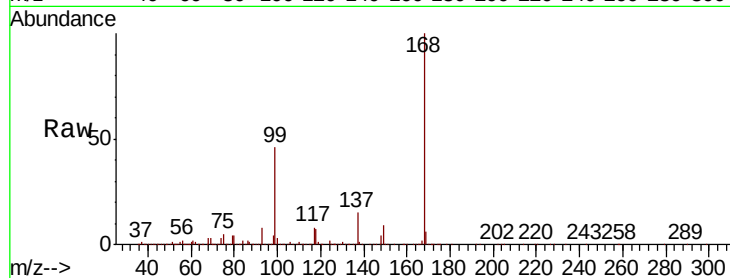
PH2-0133

Tgt Ion:168 Resp: 467098

Ion Ratio Lower Upper

168 100

99 46.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

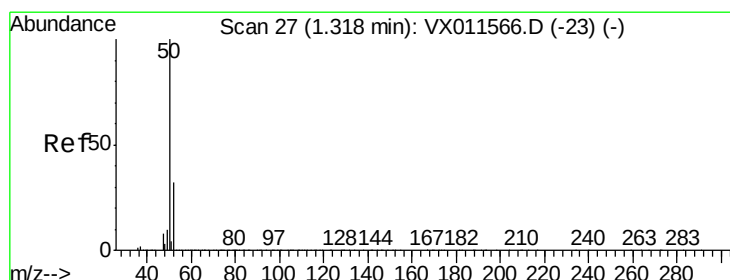
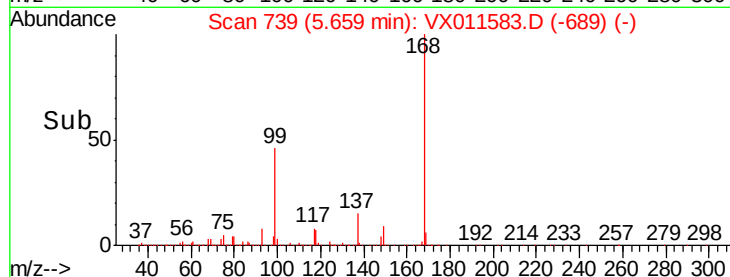
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.209 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011583.D

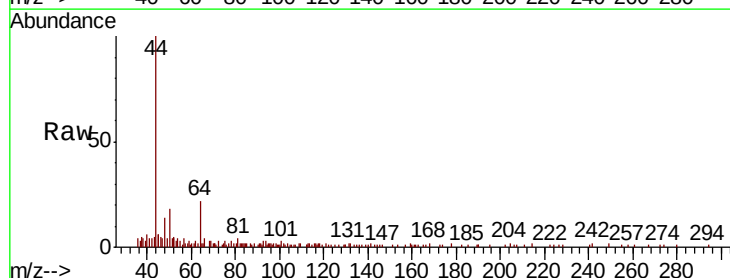
Acq: 16 Aug 2019 16:01

Tgt Ion: 50 Resp: 995

Ion Ratio Lower Upper

50 100

52 48.9 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

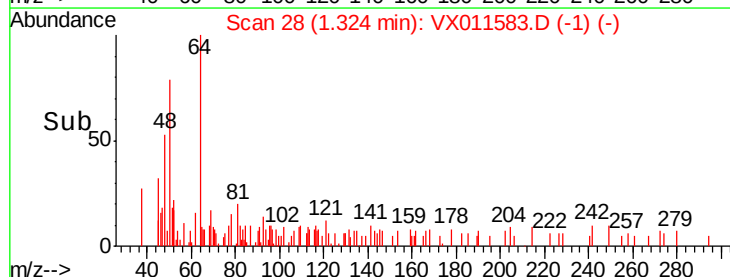
600

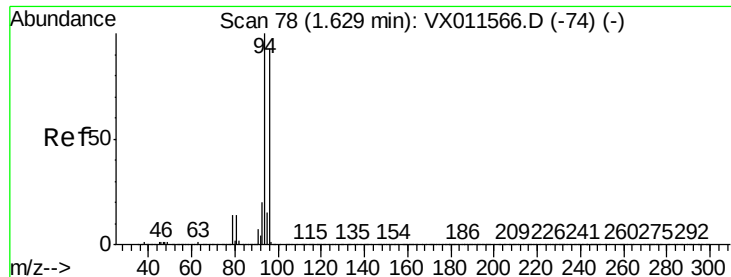
400

200

0

Time-->





#5

Bromomethane

Concen: 0.323 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

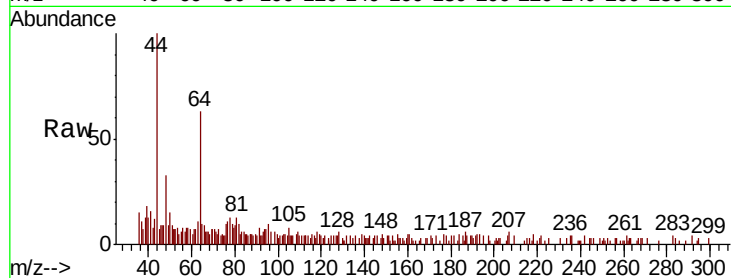
PH2-0133

Tgt Ion: 94 Resp: 623

Ion Ratio Lower Upper

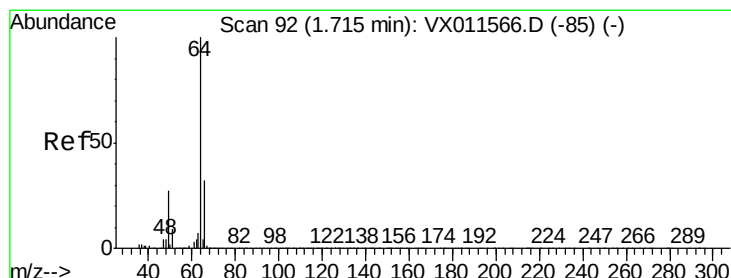
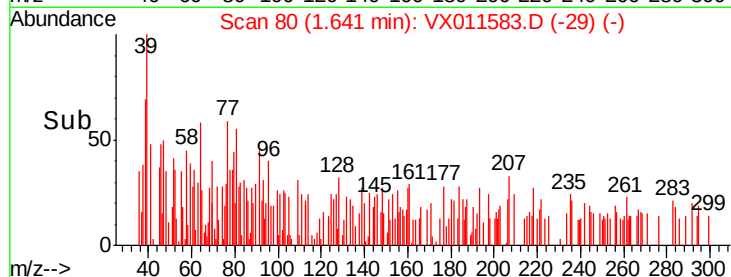
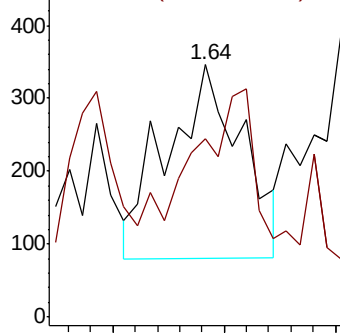
94 100

96 64.3 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.205 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX011583.D

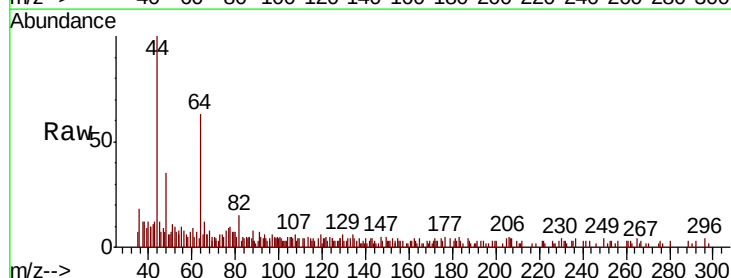
Acq: 16 Aug 2019 16:01

Tgt Ion: 64 Resp: 417

Ion Ratio Lower Upper

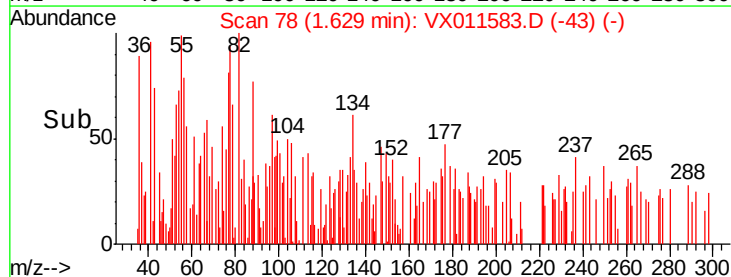
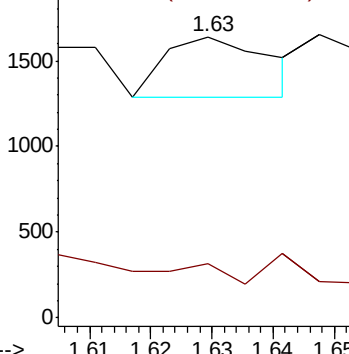
64 100

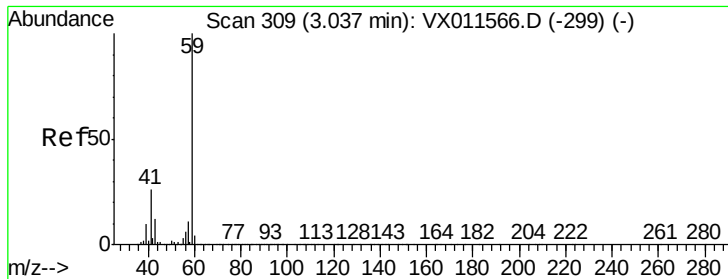
66 12.5 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

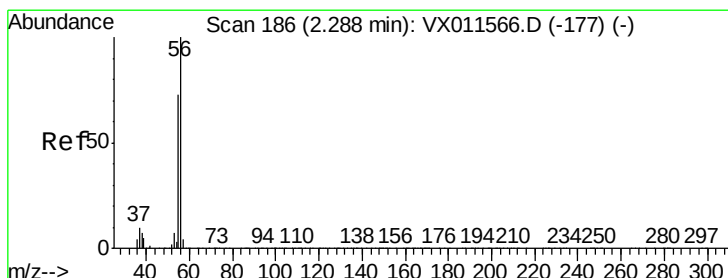
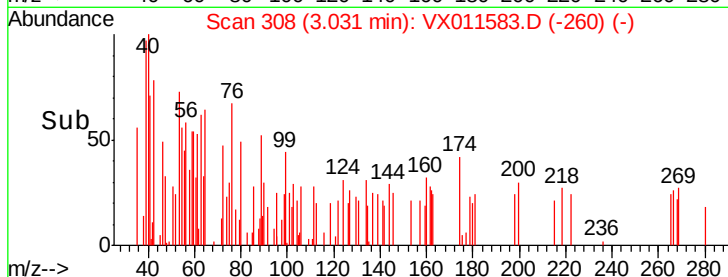
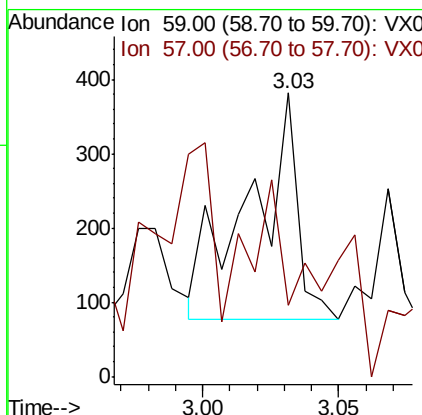
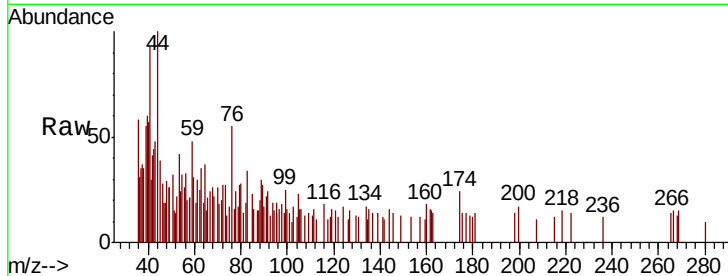




#11
Tert butyl alcohol
Concen: 0.351 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

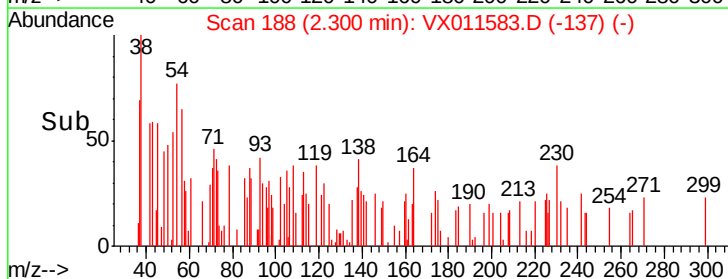
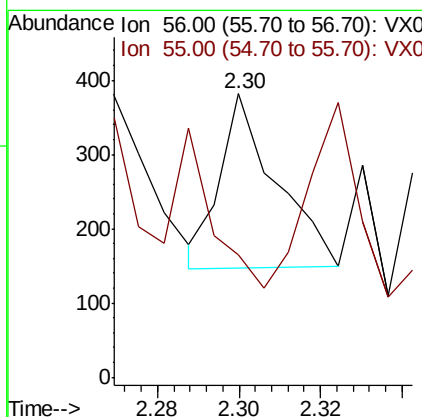
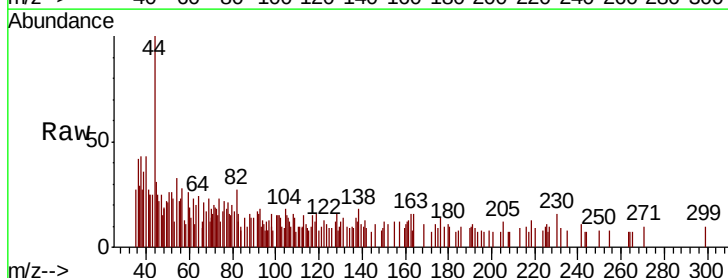
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

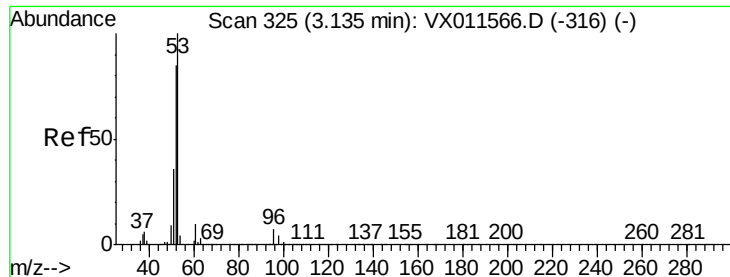
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 12.833 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#





#15

Acrylonitrile

Concen: 0.479 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.03 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133

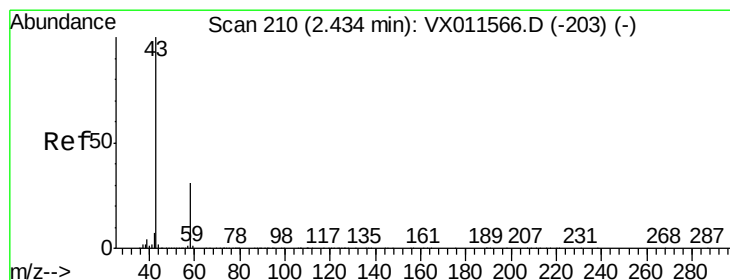
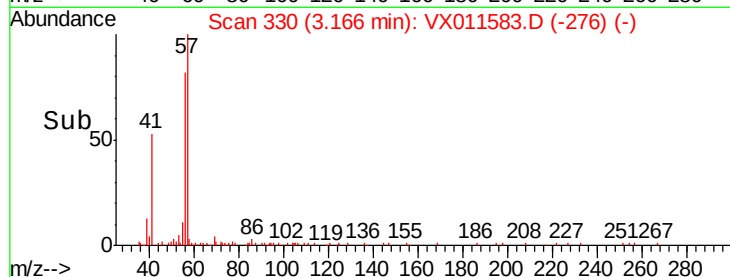
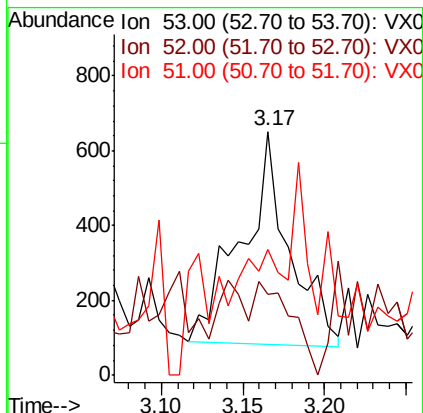
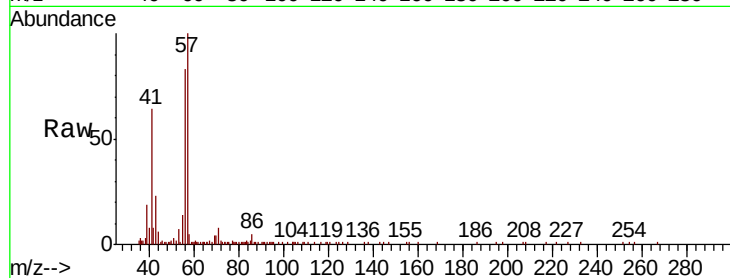
Tgt Ion: 53 Resp: 1164

Ion Ratio Lower Upper

53 100

52 33.8 66.7 100.1#

51 0.0 28.7 43.1#



#16

Acetone

Concen: 2.543 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011583.D

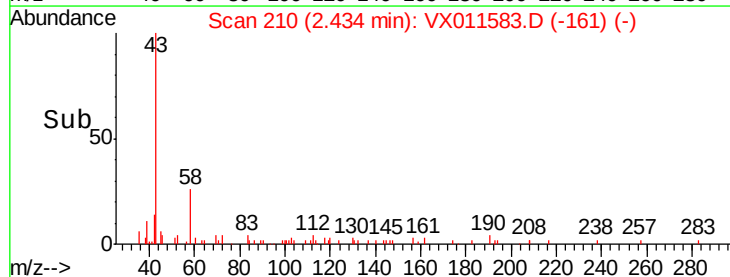
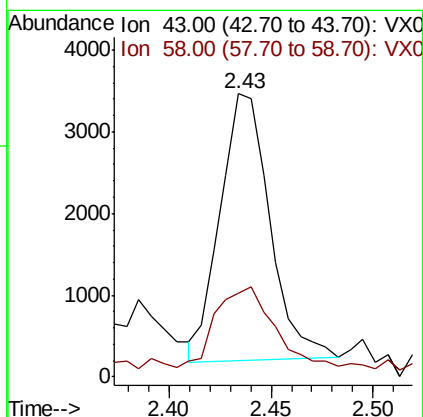
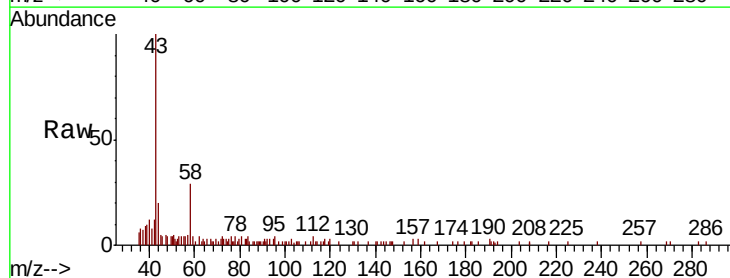
Acq: 16 Aug 2019 16:01

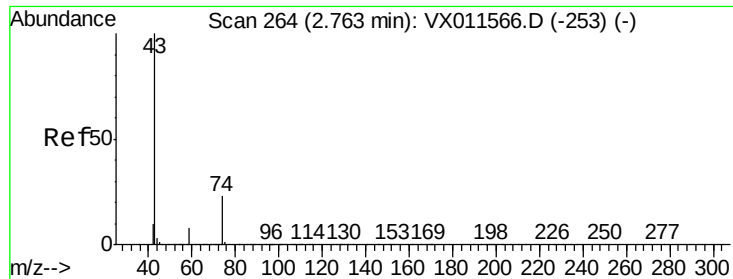
Tgt Ion: 43 Resp: 5538

Ion Ratio Lower Upper

43 100

58 25.3 25.2 37.8

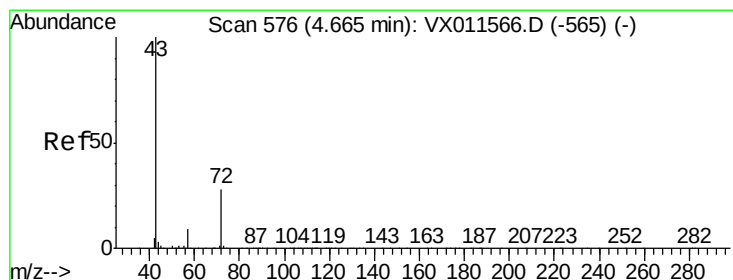
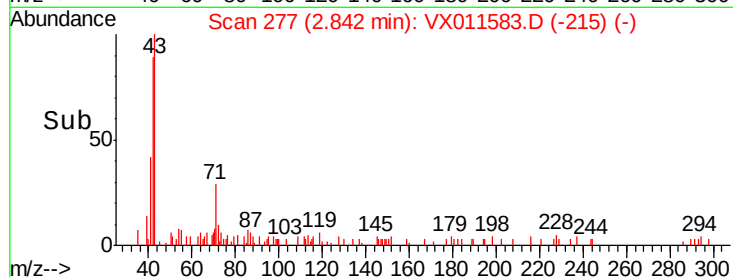
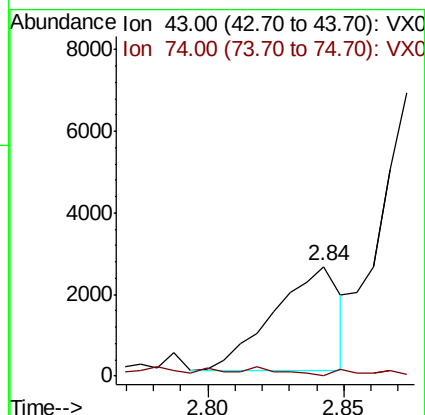
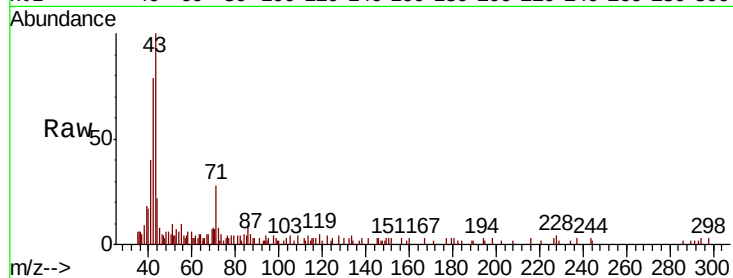




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.08 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

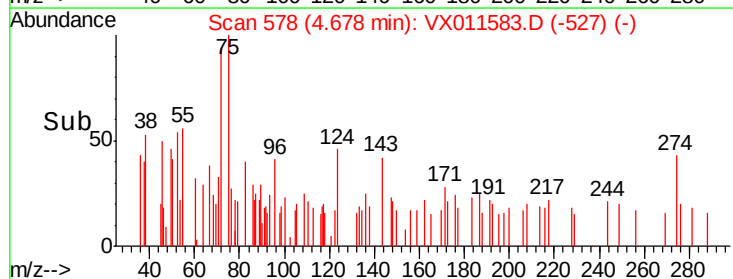
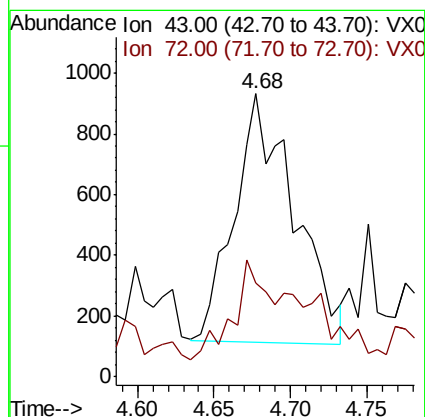
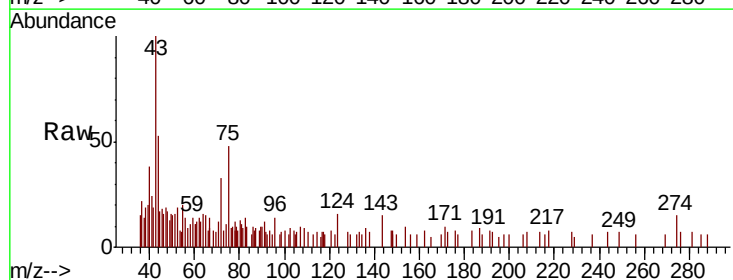
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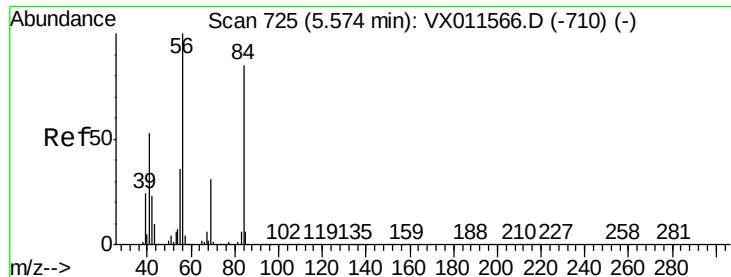
Tgt Ion: 43 Resp: 4279
Ion Ratio Lower Upper
43 100
74 2.7 19.7 29.5#



#25
2-Butanone
Concen: 0.652 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
72 31.2 22.2 33.4

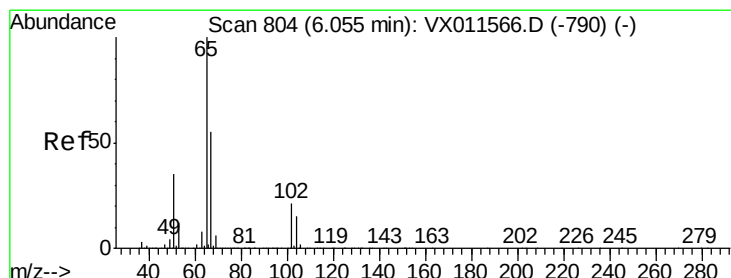
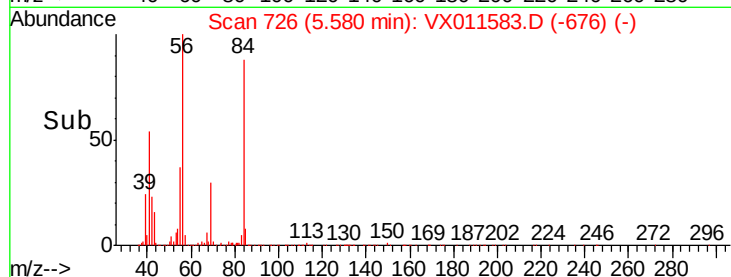
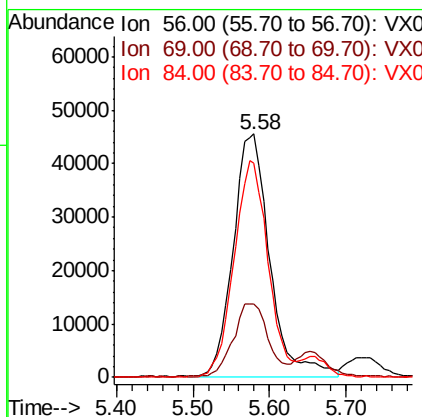
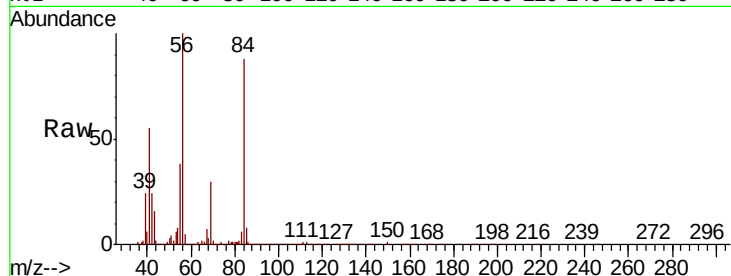




#31
Cyclohexane
Concen: 23.397 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

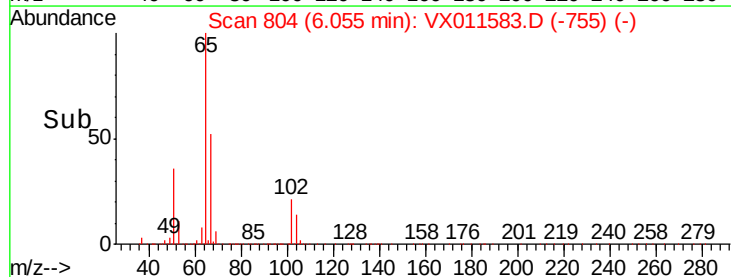
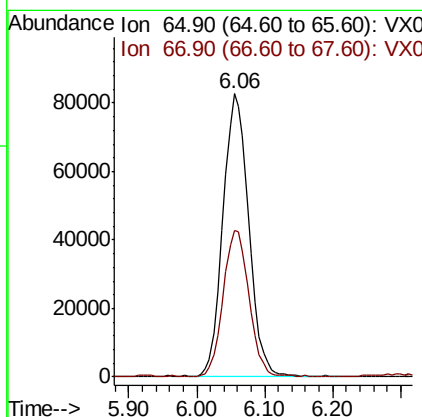
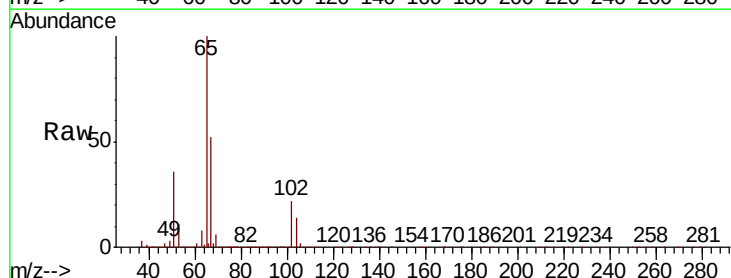
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

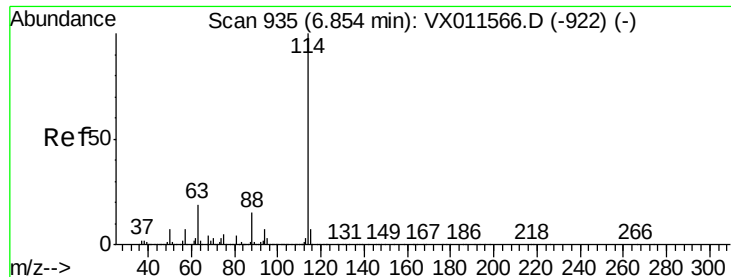
Tgt Ion: 56 Resp: 150273
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 87.8 67.9 101.9



#33
1,2-Dichloroethane-d4
Concen: 49.937 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 65 Resp: 216310
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.6

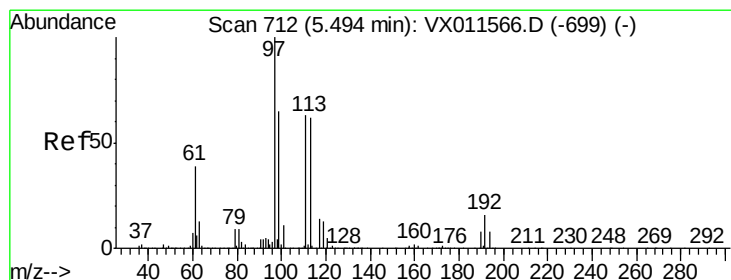
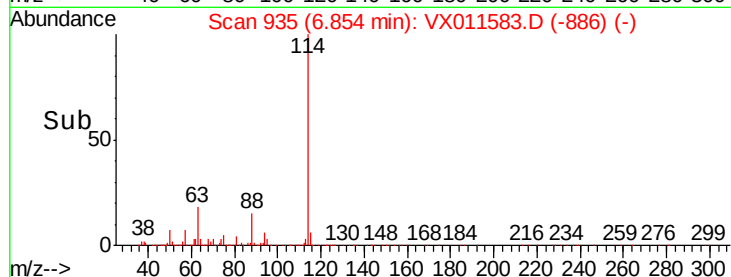
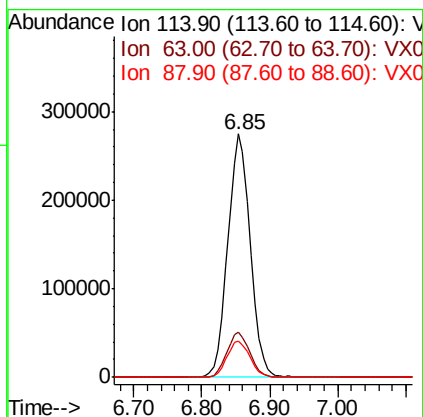
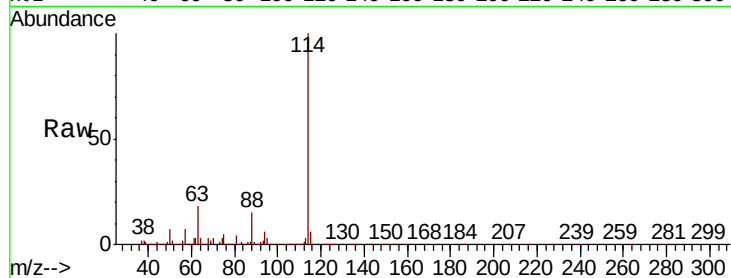




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

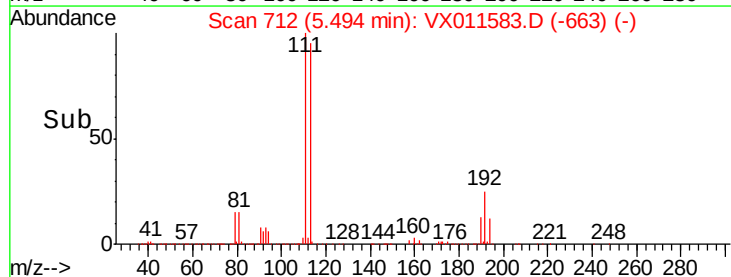
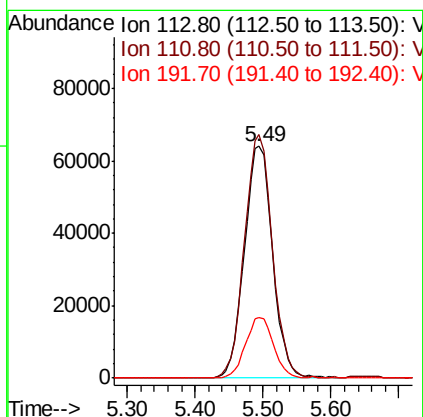
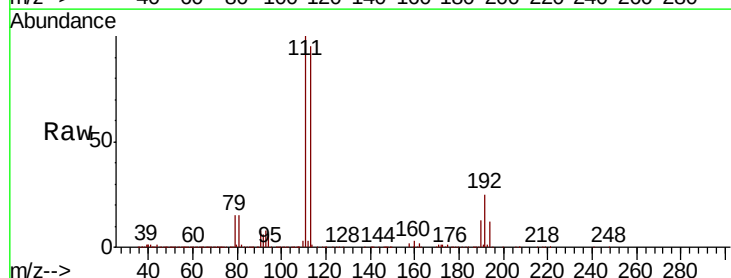
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

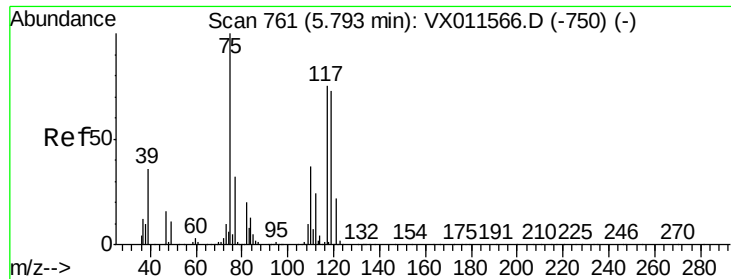
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	14.8	0.0	30.2



#35
Dibromofluoromethane
Concen: 45.183 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.1	121.7
192	26.1	20.8	31.2

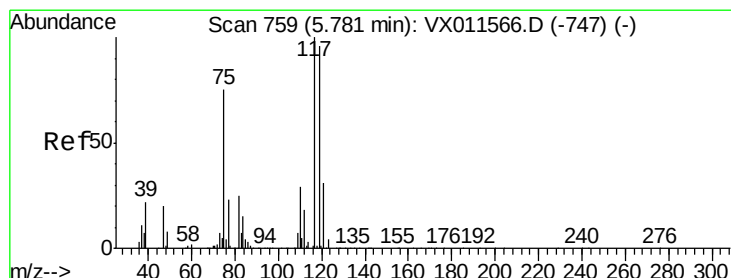
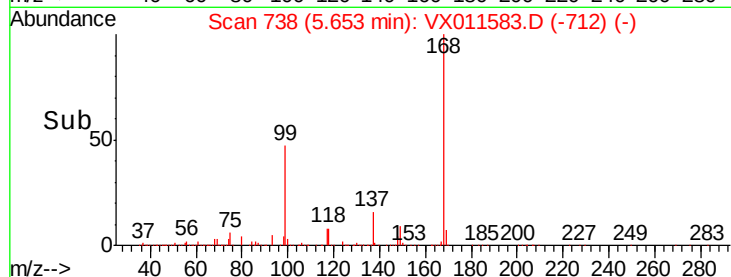
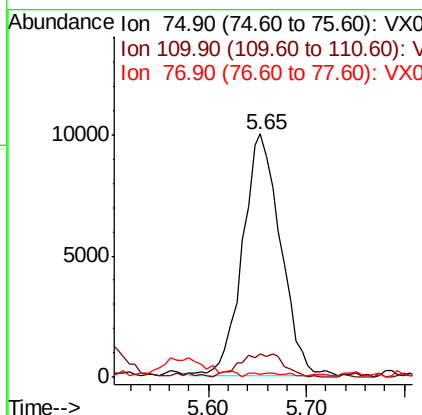
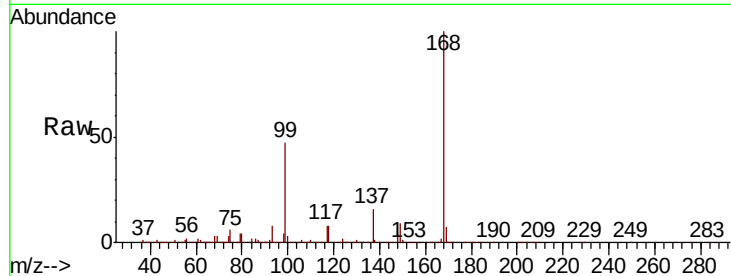




#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

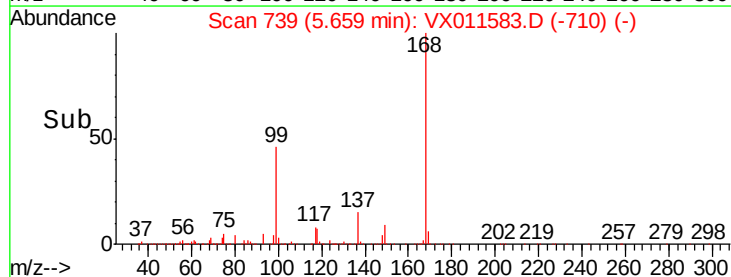
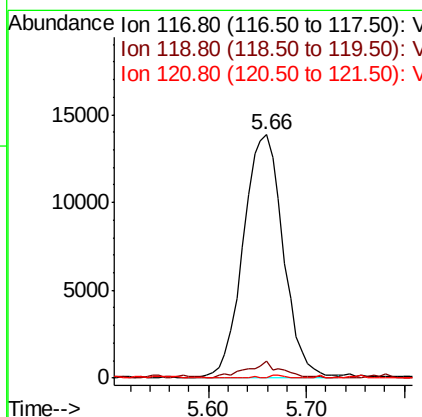
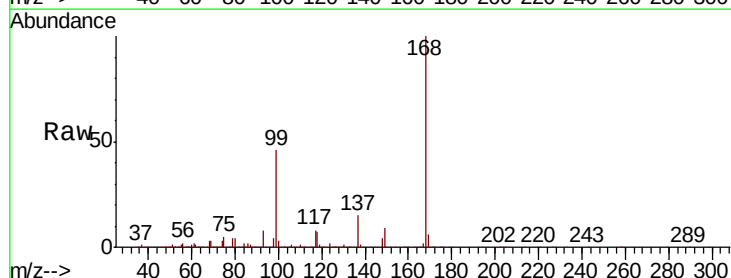
Instrument :
 MSVOA_X
 ClientSampled :
 PH2-0133

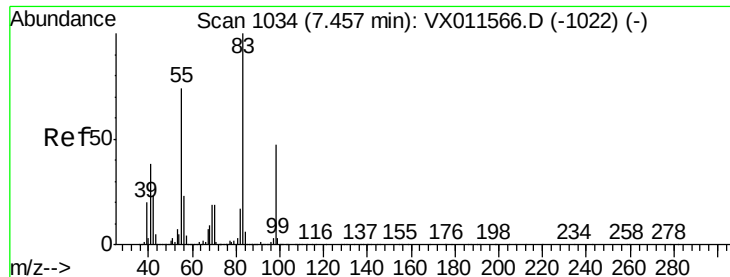
Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.4	19.4	58.1#
77	0.6	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.668 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.9	115.3#
121	0.4	24.8	37.2#

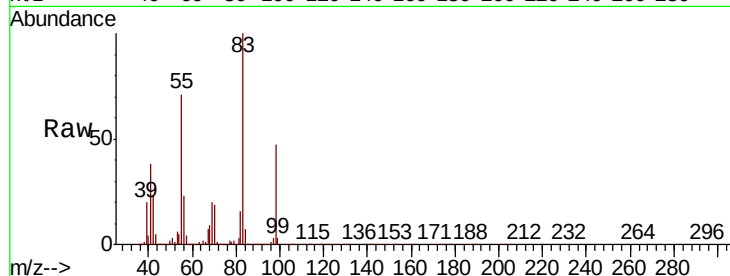




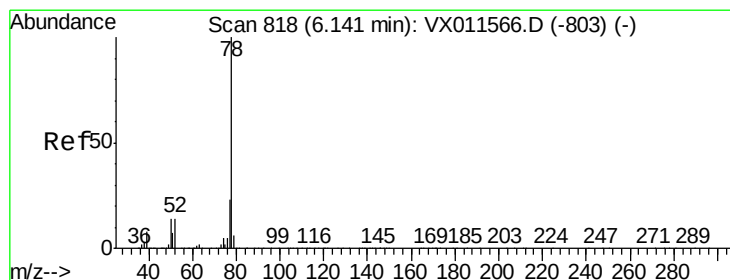
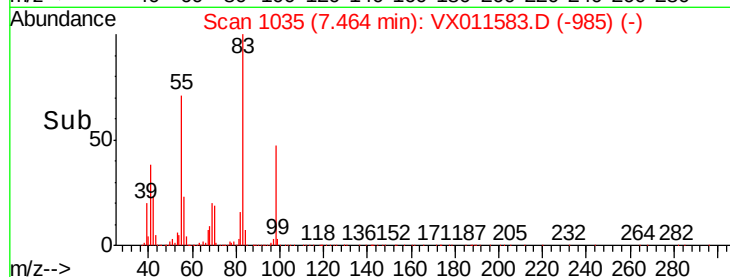
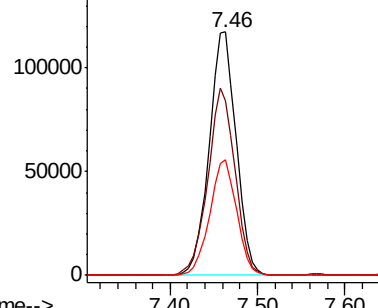
#39
Methylcyclohexane
Concen: 38.078 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

Tgt Ion: 83 Resp: 252073
Ion Ratio Lower Upper
83 100
55 71.4 58.8 88.2
98 47.3 37.8 56.6

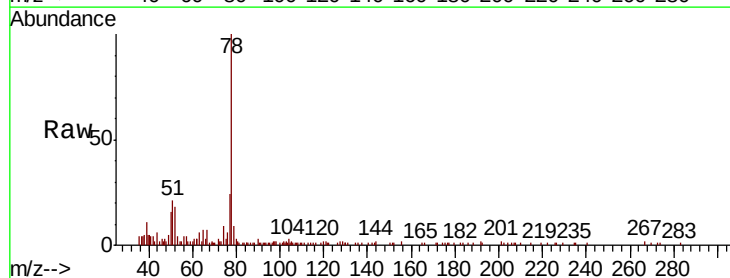


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

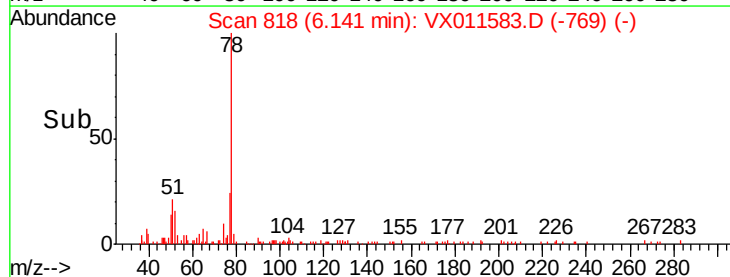
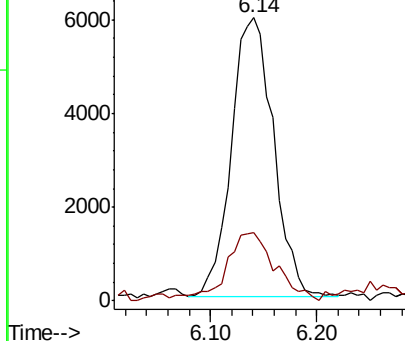


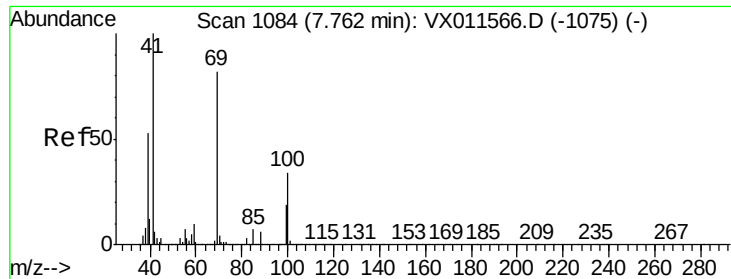
#40
Benzene
Concen: 0.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 78 Resp: 16424
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

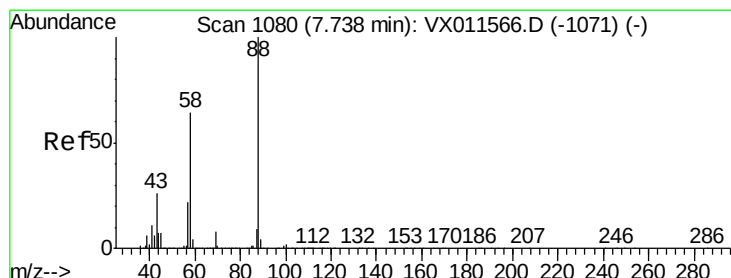
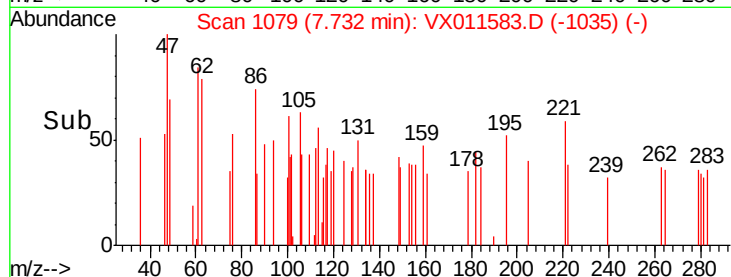
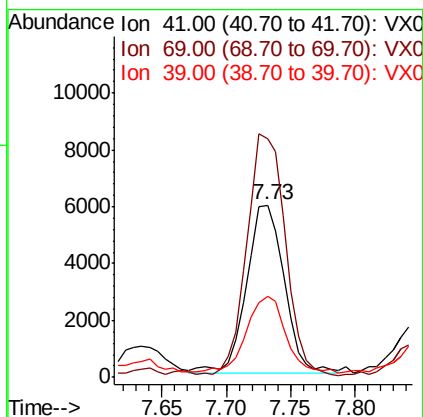
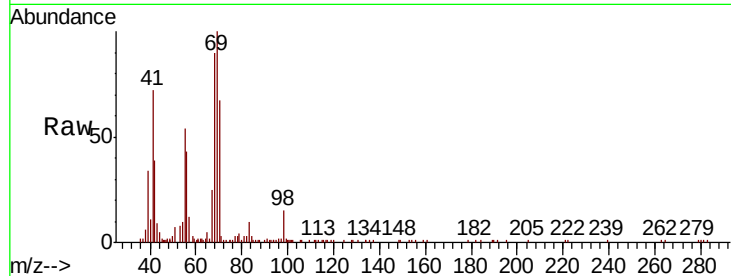




#48
Methyl methacrylate
Concen: 2.486 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

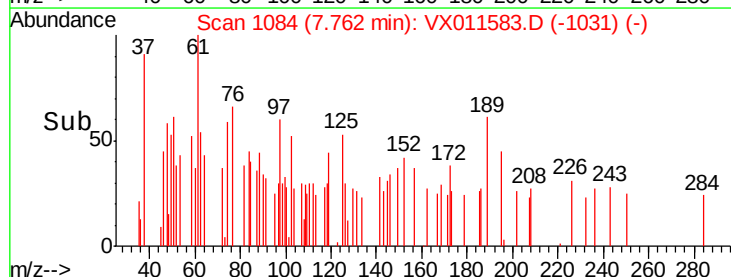
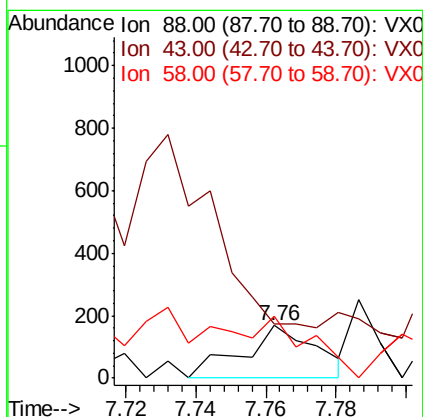
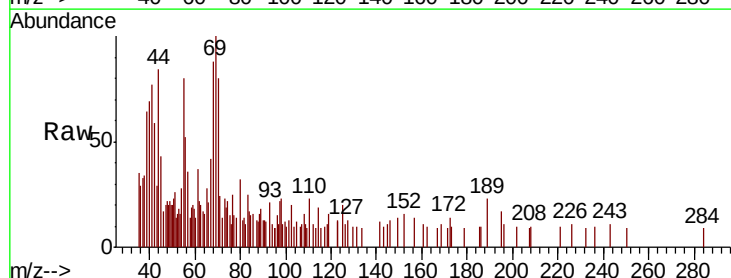
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

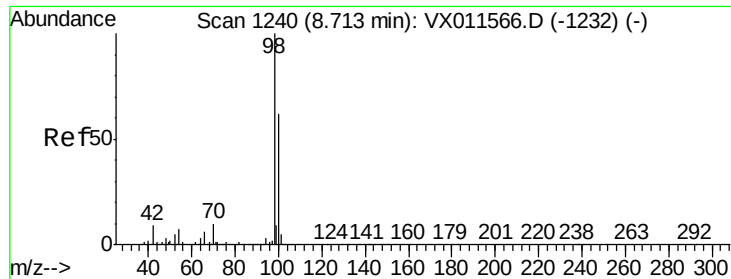
Tgt Ion: 41 Resp: 11845
Ion Ratio Lower Upper
41 100
69 148.2 67.9 101.9#
39 47.4 41.6 62.4



#49
1,4-Dioxane
Concen: 1.933 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 88 Resp: 245
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 0.0 54.3 81.5#

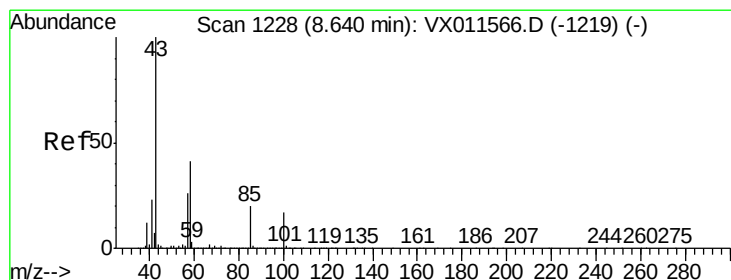
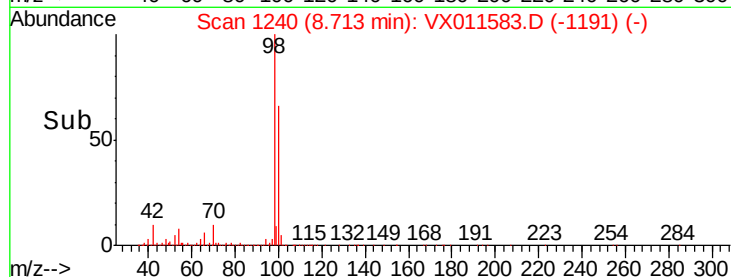
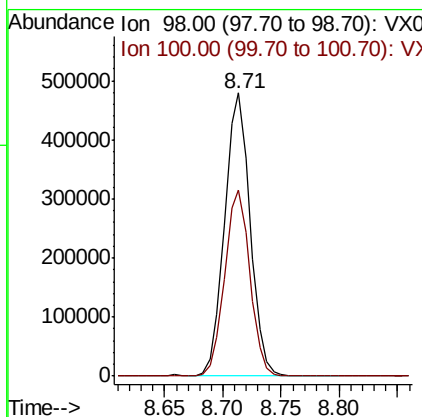
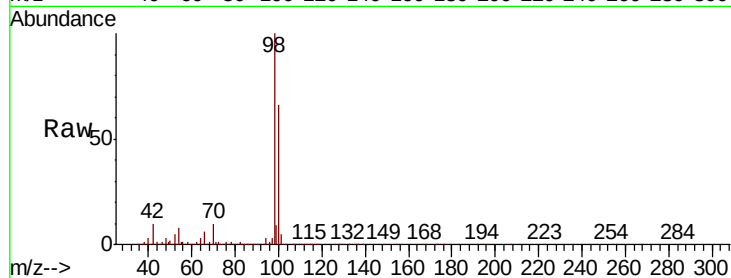




#50
Toluene-d8
Concen: 56.657 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

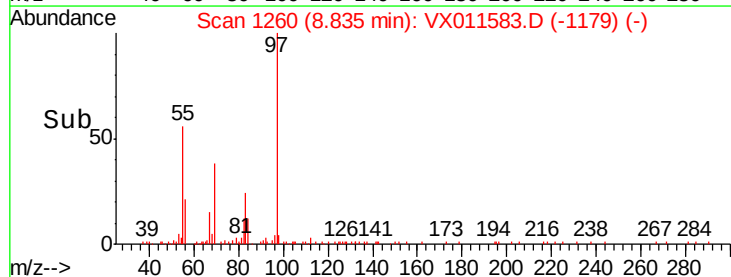
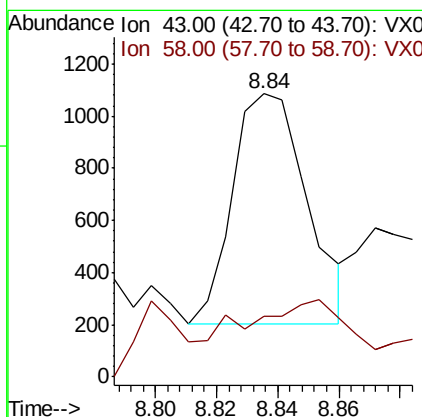
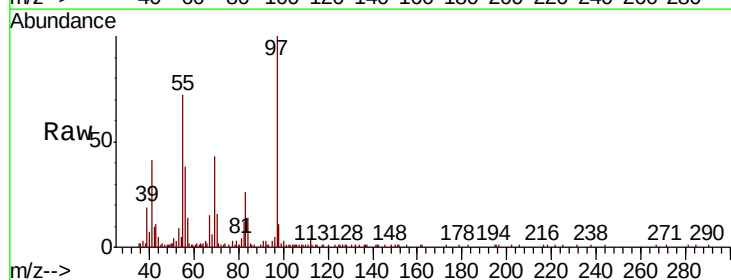
Instrument :
MSVOA_X
ClientSampled :
PH2-0133

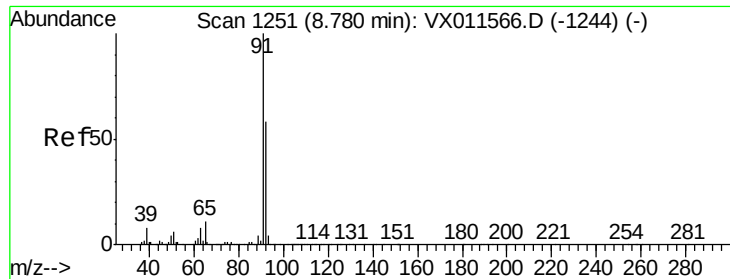
Tgt Ion: 98 Resp: 723941
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.237 ug/l
RT: 8.84 min Scan# 1260
Delta R.T. 0.20 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 45.6 31.8 47.6





#52

Toluene

Concen: 3.019 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

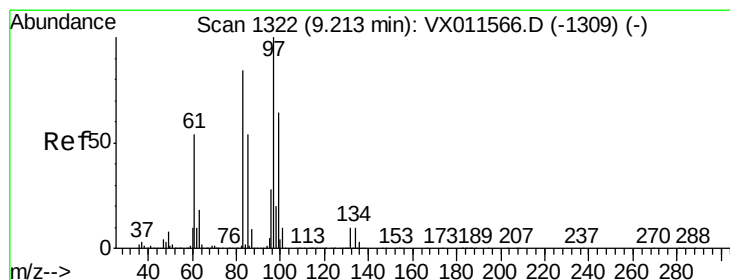
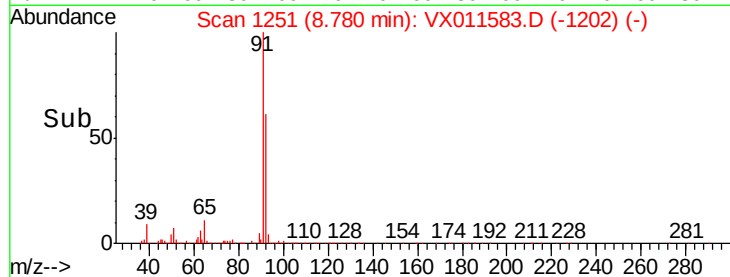
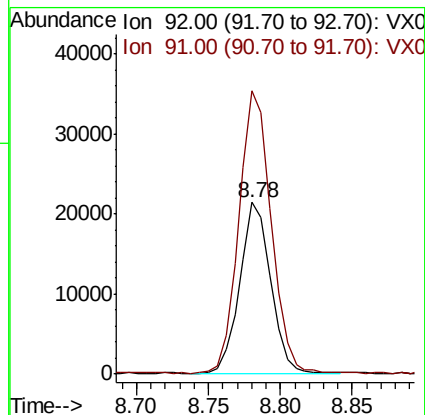
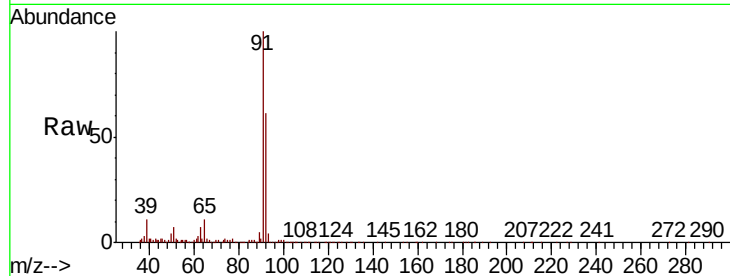
PH2-0133

Tgt Ion: 92 Resp: 32044

Ion Ratio Lower Upper

92 100

91 172.6 138.0 207.0



#55

1,1,2-Trichloroethane

Concen: 3.868 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Tgt Ion: 97 Resp: 17458

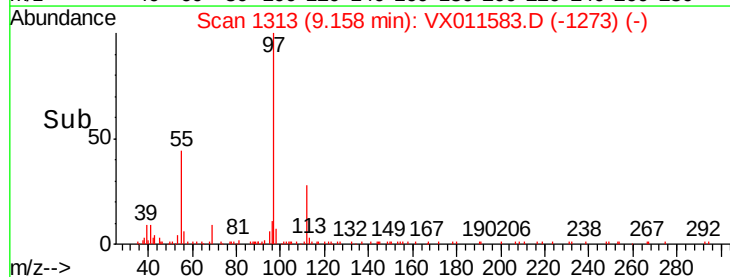
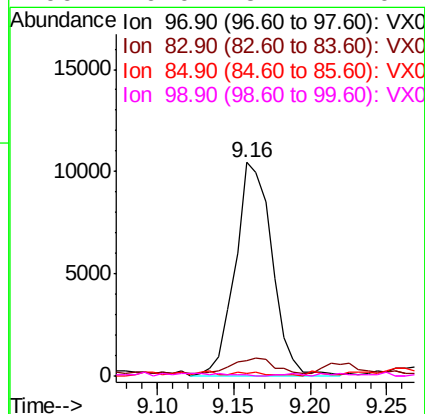
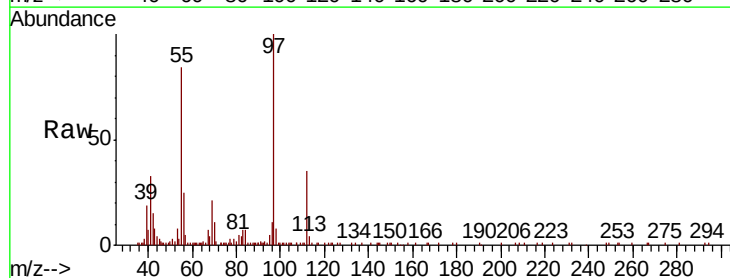
Ion Ratio Lower Upper

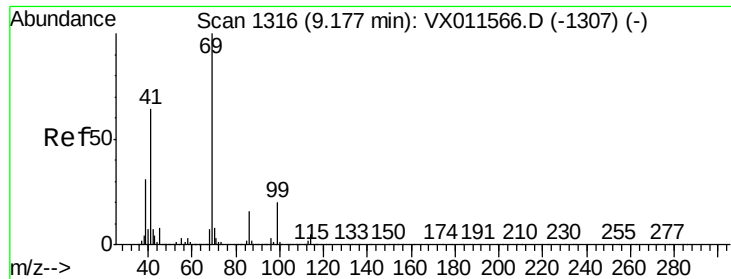
97 100

83 6.0 67.4 101.0#

85 0.3 43.4 65.2#

99 0.0 51.1 76.7#





#56

Ethyl methacrylate

Concen: 0.551 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133

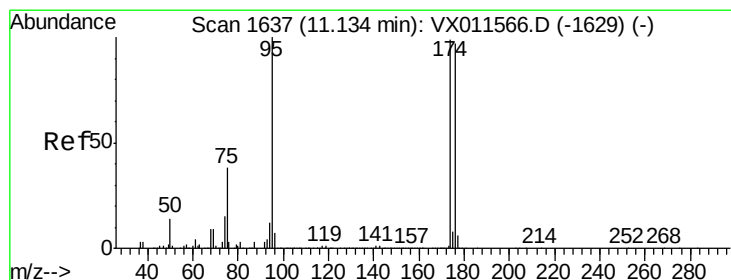
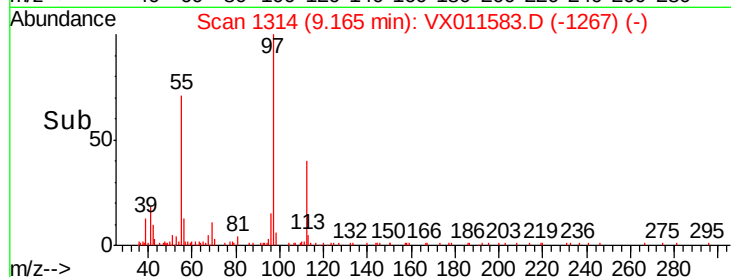
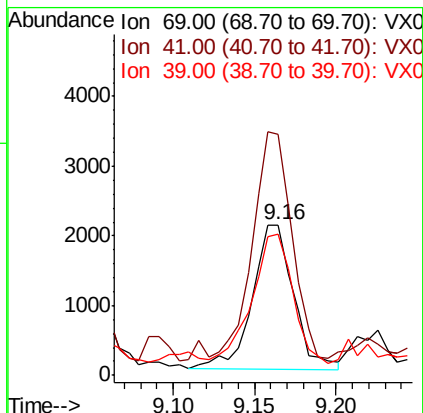
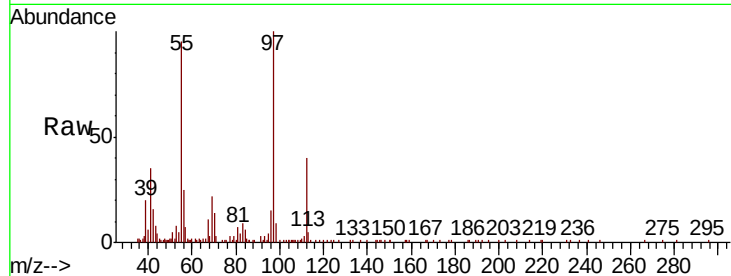
Tgt Ion: 69 Resp: 3615

Ion Ratio Lower Upper

69 100

41 146.7 52.1 78.1#

39 89.7 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 48.153 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

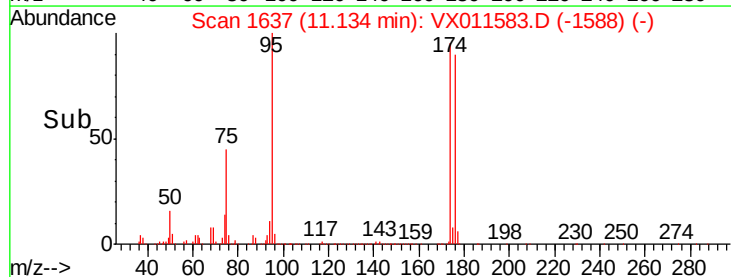
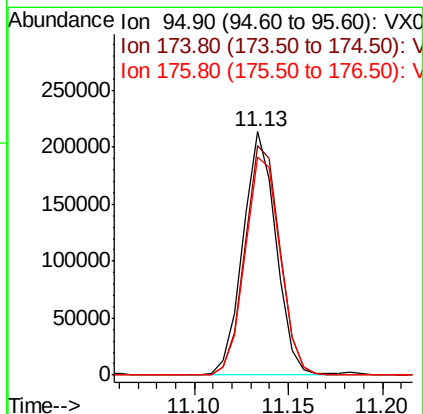
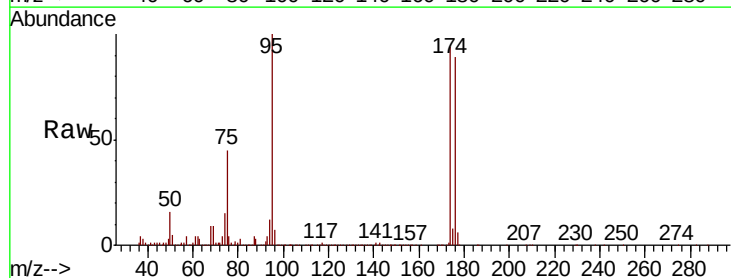
Tgt Ion: 95 Resp: 259697

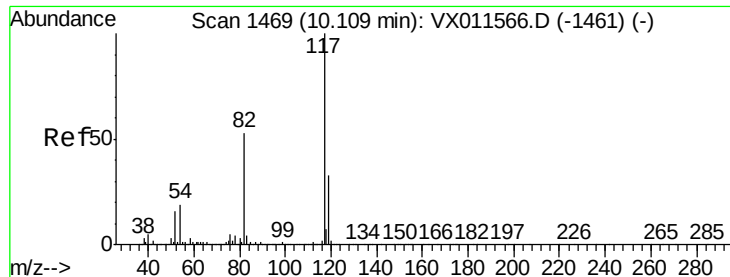
Ion Ratio Lower Upper

95 100

174 99.9 0.0 200.6

176 95.9 0.0 196.6

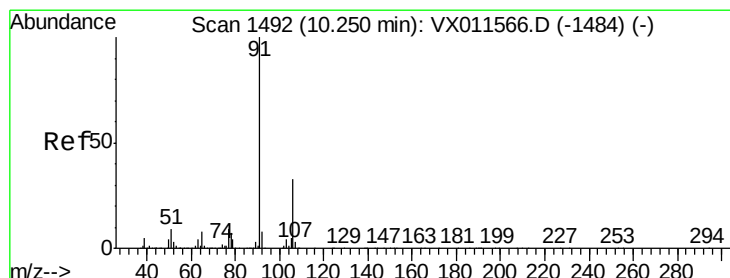
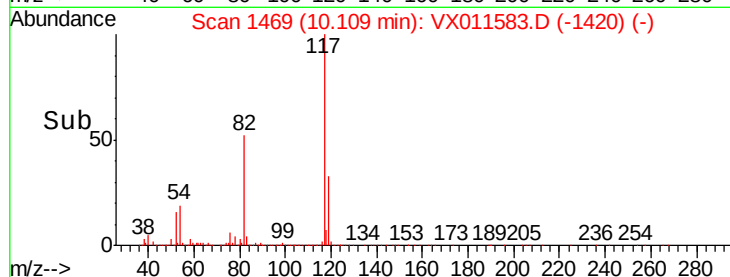
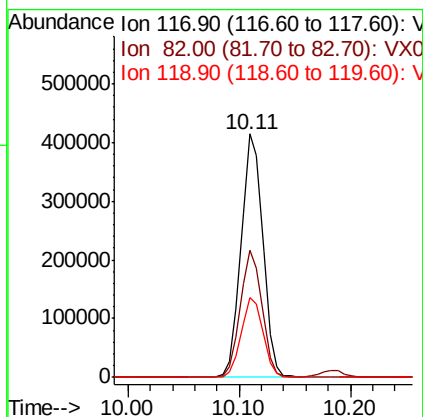
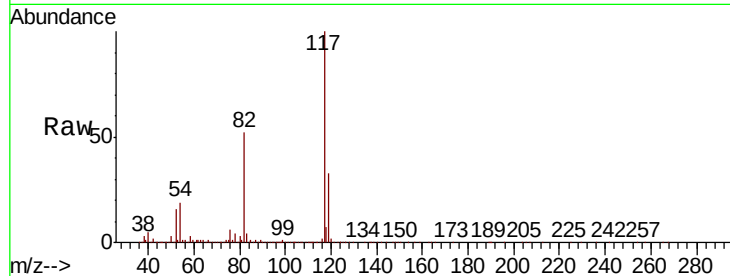




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

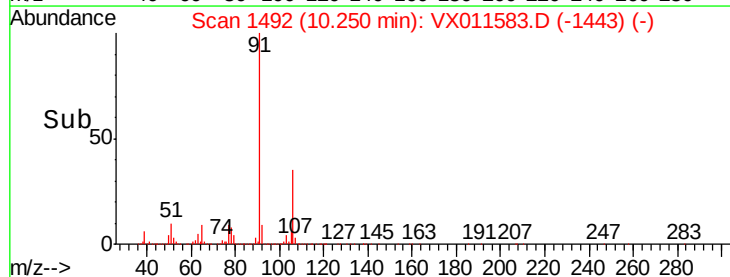
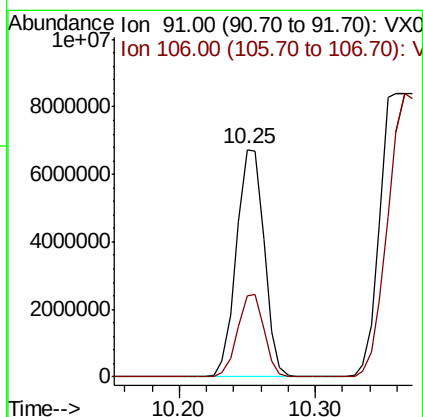
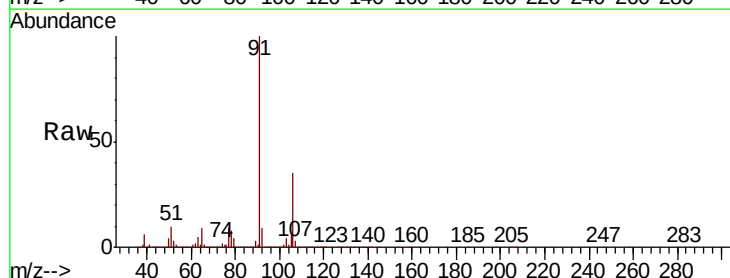
Instrument :
MSVOA_X
ClientSampled :
PH2-0133

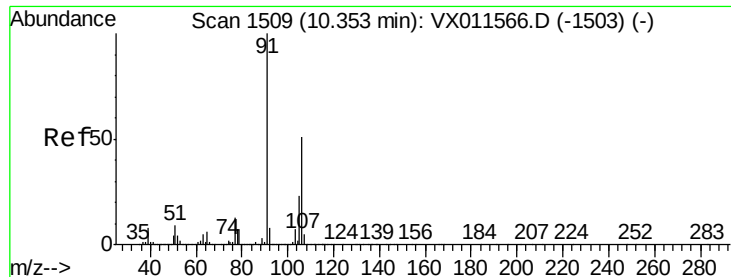
Tgt Ion: 117 Resp: 562678
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.7 26.5 39.7



#67
Ethyl Benzene
Concen: 477.304 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 91 Resp: 9560025
Ion Ratio Lower Upper
91 100
106 35.4 26.0 39.0

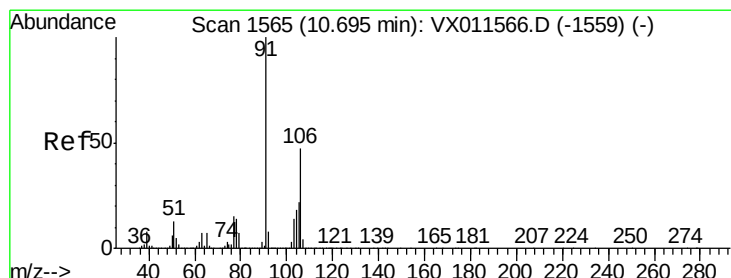
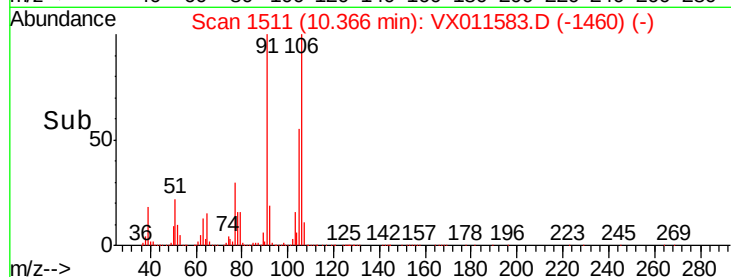
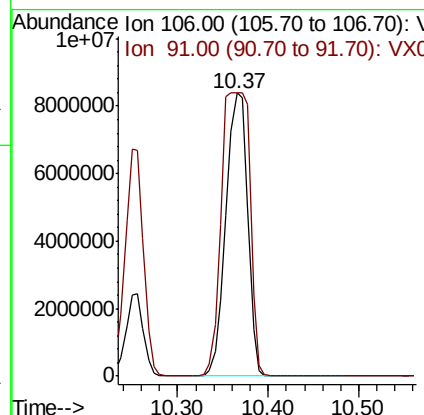
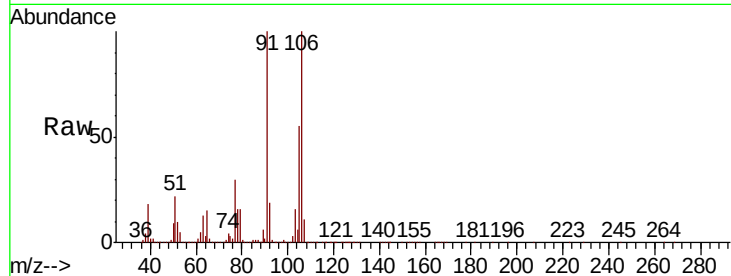




#68
m/p-Xylenes
Concen: 1825.360 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

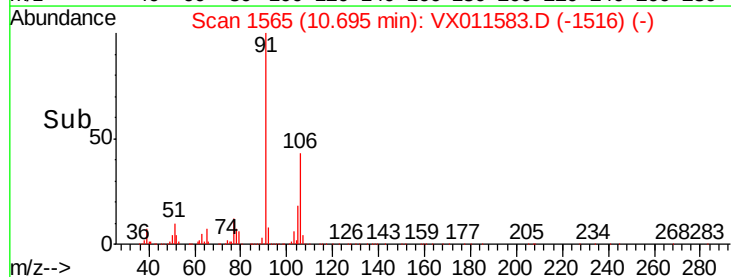
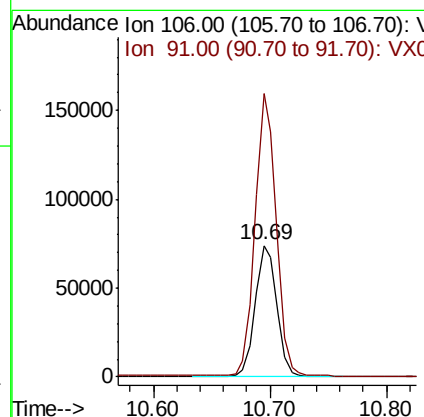
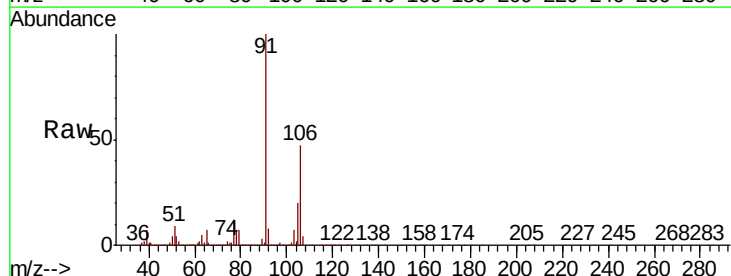
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

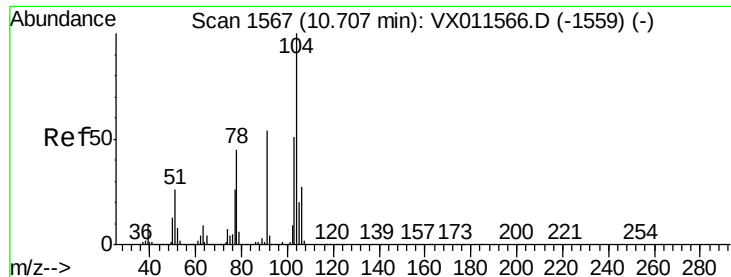
Tgt Ion:106 Resp:14033848
Ion Ratio Lower Upper
106 100
91 132.2 156.0 234.0#



#69
o-Xylene
Concen: 12.636 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion:106 Resp: 95158
Ion Ratio Lower Upper
106 100
91 211.1 105.5 316.4

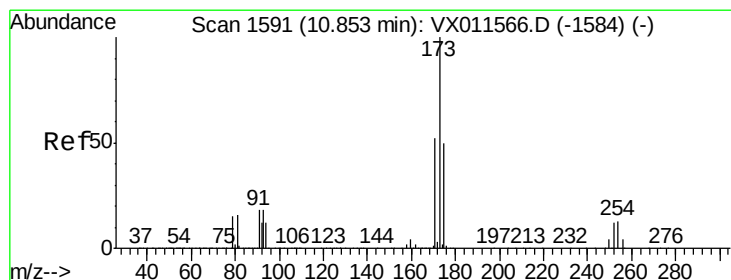
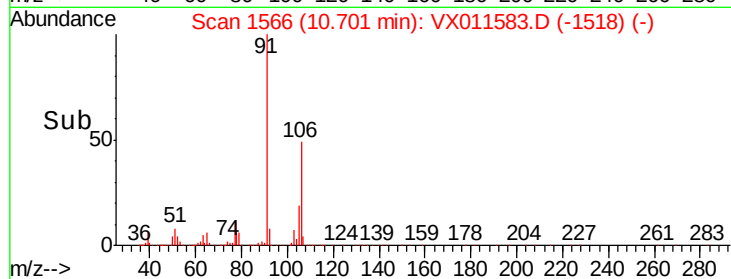
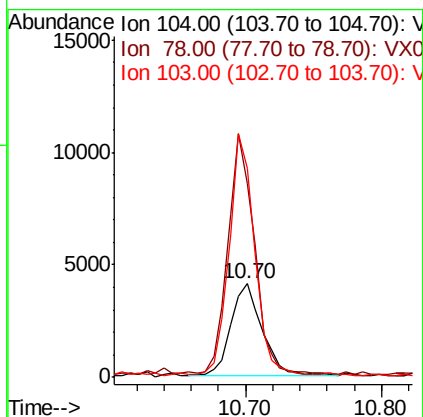
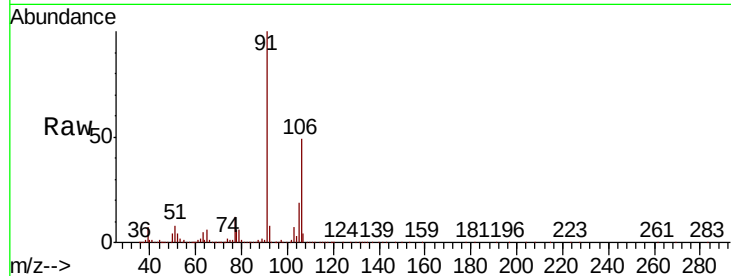




#70
Styrene
Concen: 0.511 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

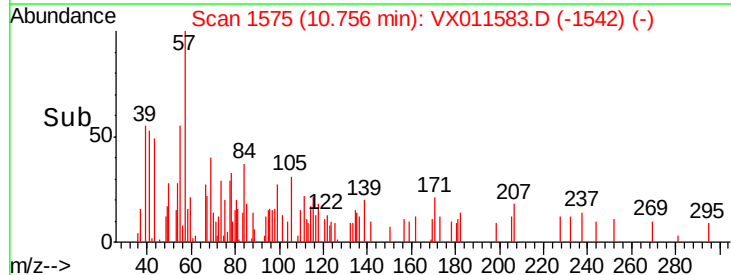
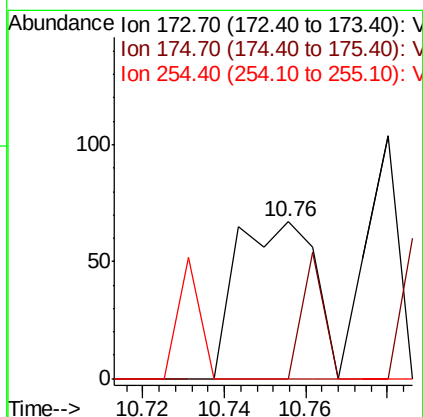
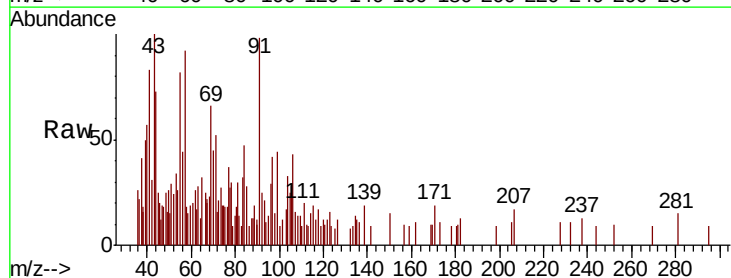
Instrument :
MSVOA_X
ClientSampled :
PH2-0133

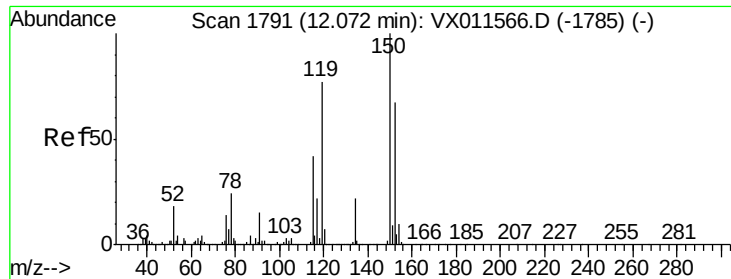
Tgt Ion:104 Resp: 6478
Ion Ratio Lower Upper
104 100
78 221.1 38.2 57.4#
103 214.7 43.6 65.4#



#71
Bromoform
Concen: 3.311 ug/l
RT: 10.76 min Scan# 1575
Delta R.T. -0.10 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion:173 Resp: 89
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.1 0.1#

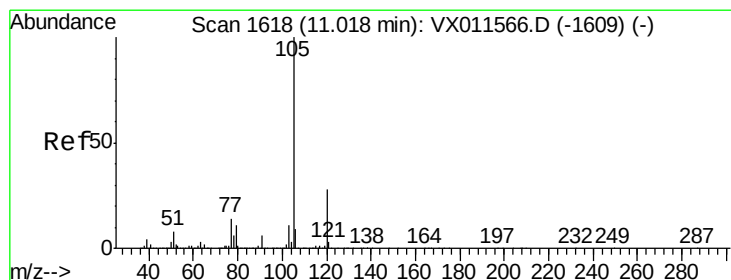
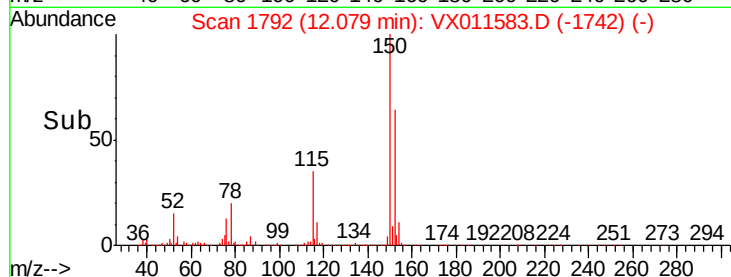
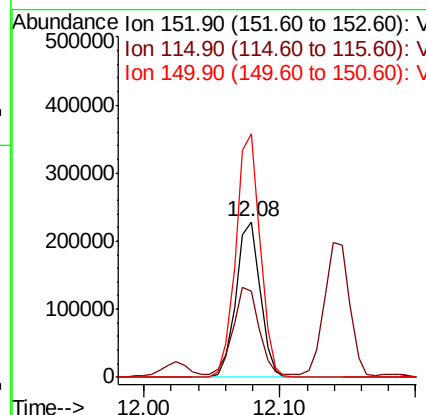
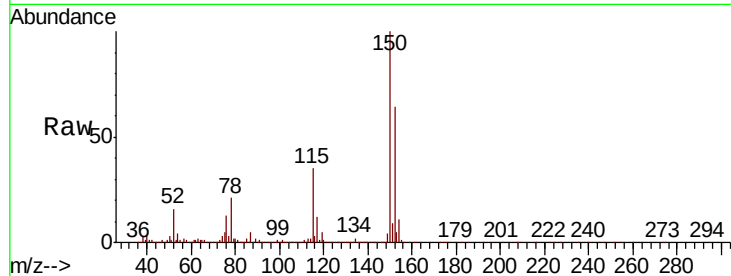




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

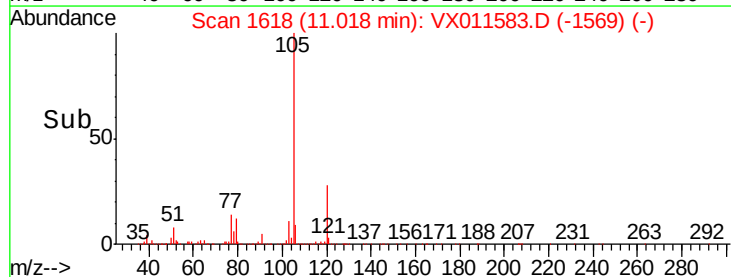
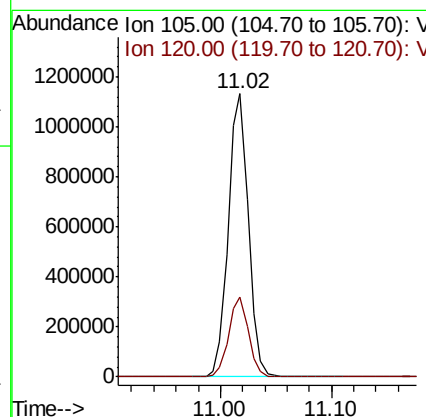
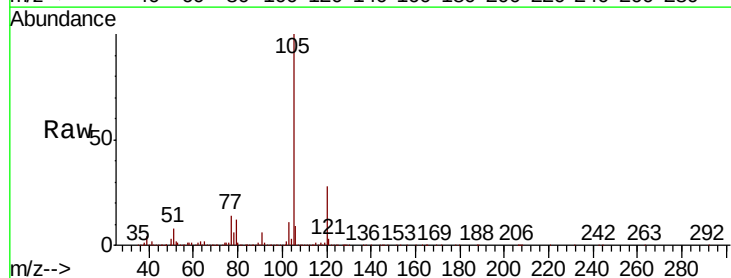
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133

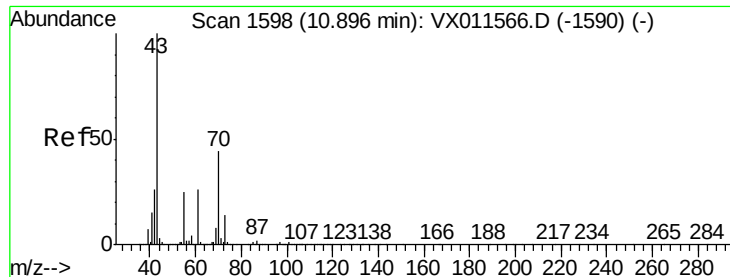
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.3	111.9
150	156.9	0.0	346.2



#73
 Isopropylbenzene
 Concen: 76.581 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	14.0	41.9





#74

N-ethyl acetate

Concen: 0.384 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133

Tgt Ion: 43 Resp: 2993

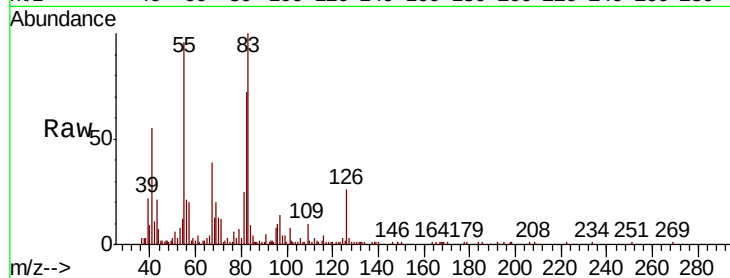
Ion Ratio Lower Upper

43 100

70 107.2 34.7 52.1#

55 398.8 19.6 29.4#

61 0.0 19.9 29.9#

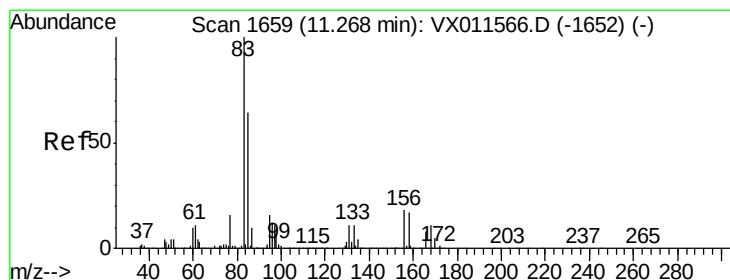
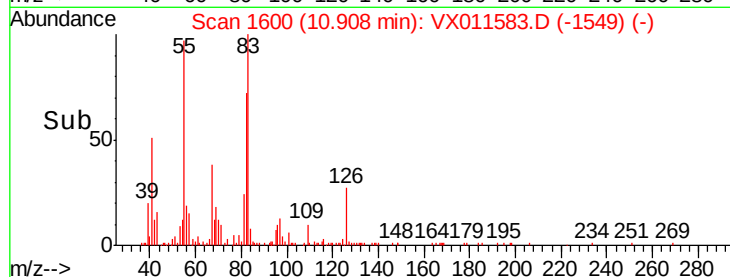
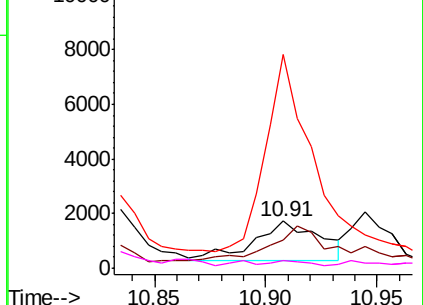


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.381 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

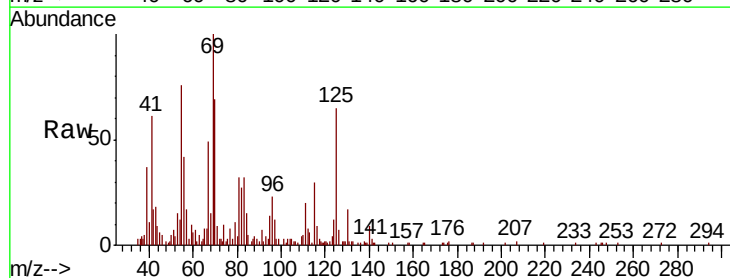
Tgt Ion: 83 Resp: 2406

Ion Ratio Lower Upper

83 100

131 33.1 5.8 17.3#

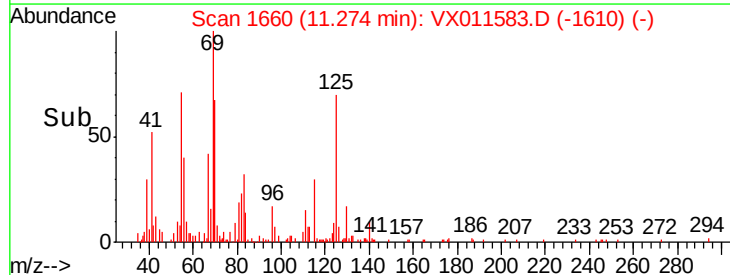
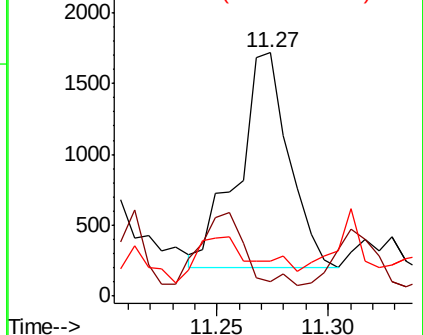
85 26.2 31.9 95.9#

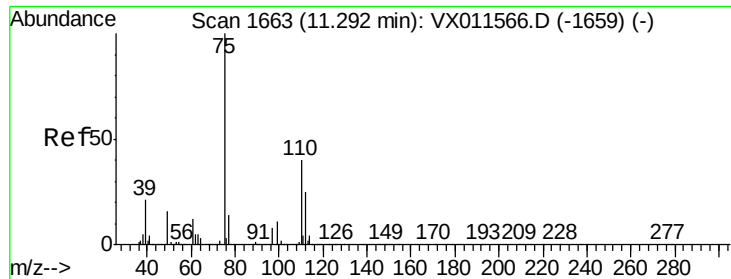


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

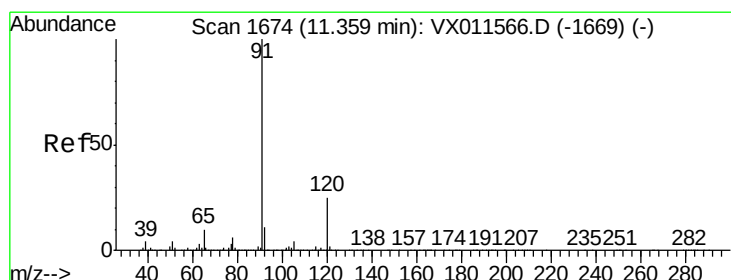
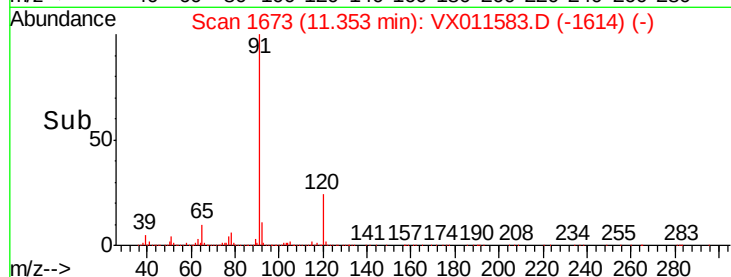
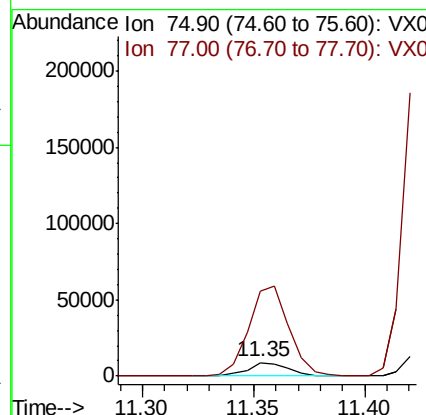
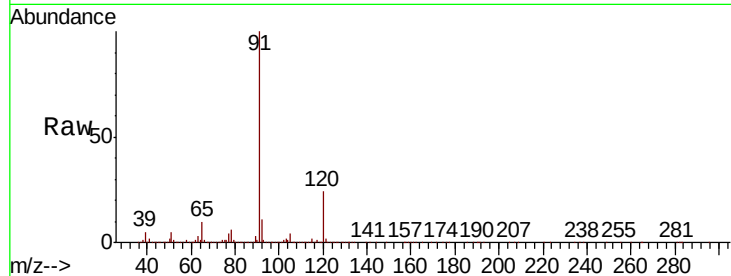




#76
 1,2,3-Trichloropropane
 Concen: 2.067 ug/l
 RT: 11.35 min Scan# 1673
 Delta R.T. 0.06 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

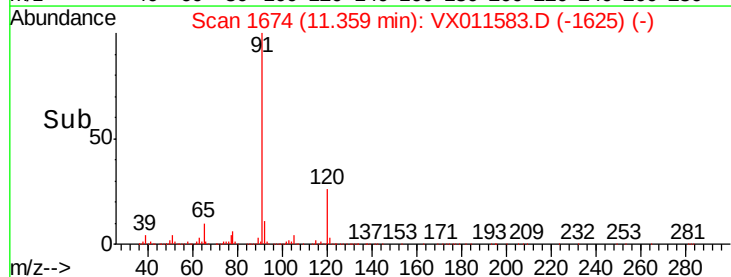
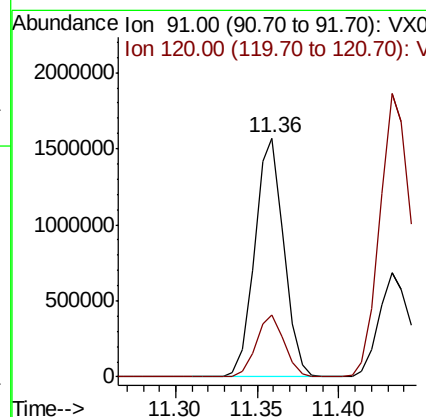
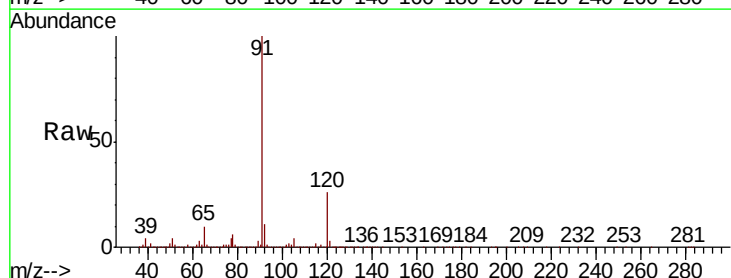
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133

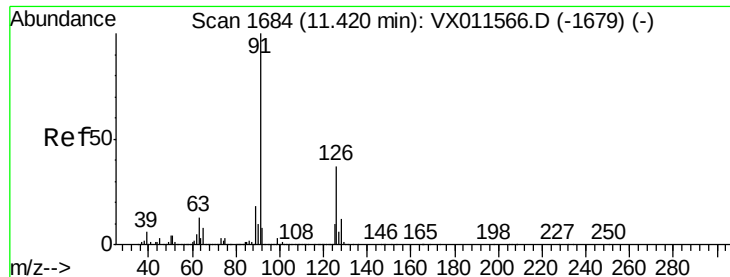
Tgt Ion: 75 Resp: 11088
 Ion Ratio Lower Upper
 75 100
 77 658.9 20.9 62.8#



#78
 n-propylbenzene
 Concen: 98.480 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

Tgt Ion: 91 Resp: 1948931
 Ion Ratio Lower Upper
 91 100
 120 25.1 12.6 37.6





#79

2-Chlorotoluene

Concen: 88.199 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

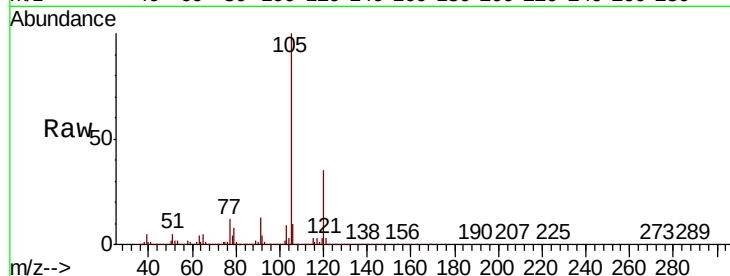
PH2-0133

Tgt Ion: 91 Resp: 1071802

Ion Ratio Lower Upper

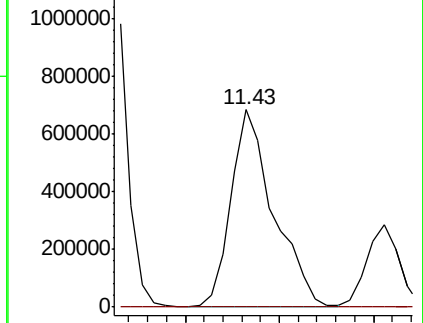
91 100

126 0.1 18.4 55.0#

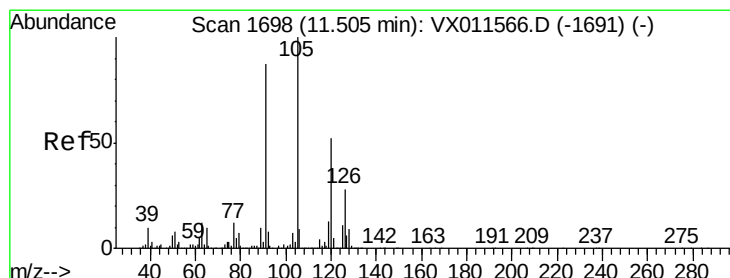
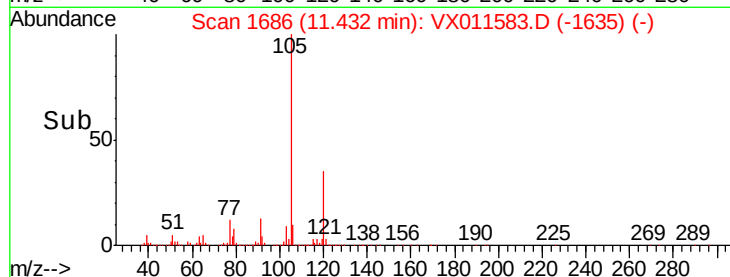


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 218.925 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011583.D

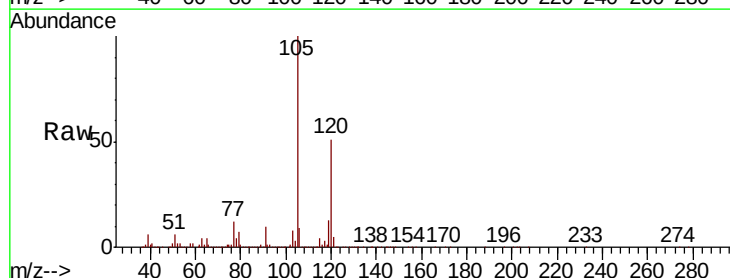
Acq: 16 Aug 2019 16:01

Tgt Ion: 105 Resp: 3375198

Ion Ratio Lower Upper

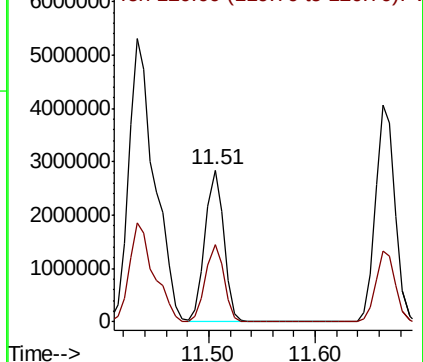
105 100

120 51.0 25.3 75.8

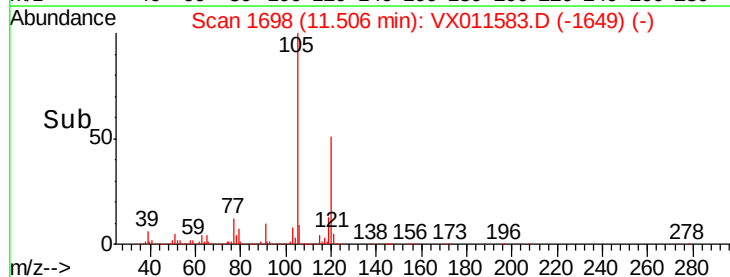


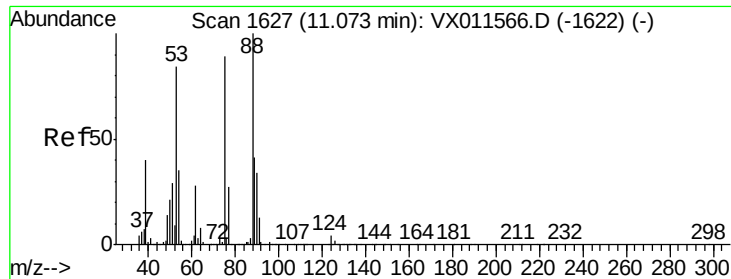
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

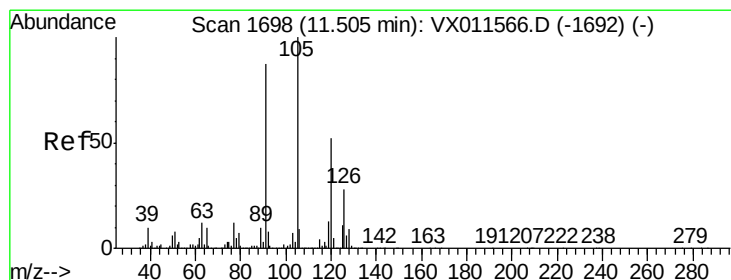
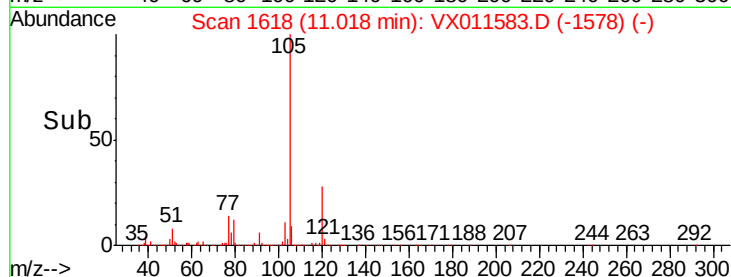
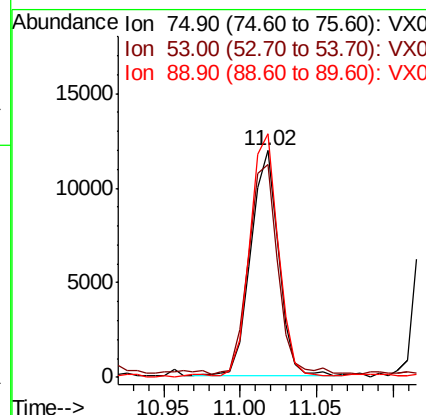
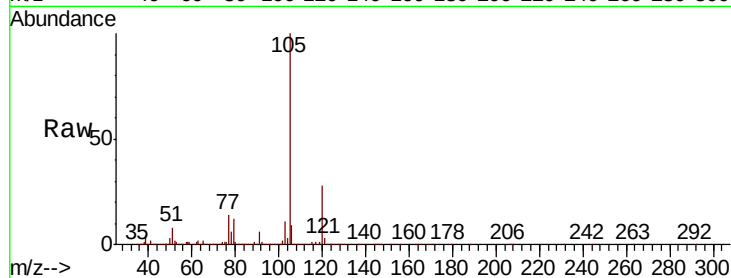




#81
trans-1,4-Dichloro-2-butene
Concen: 11.395 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.05 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

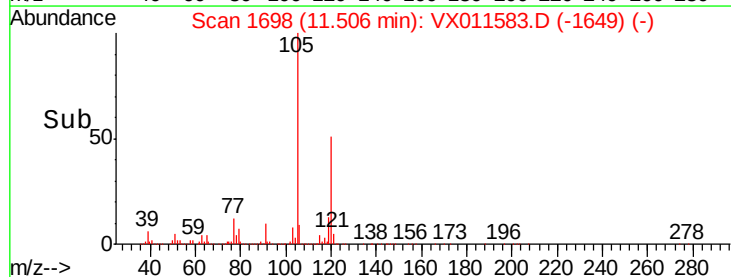
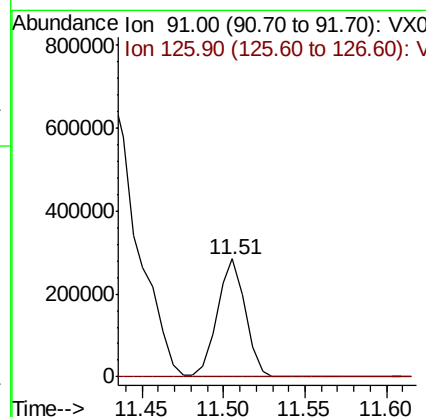
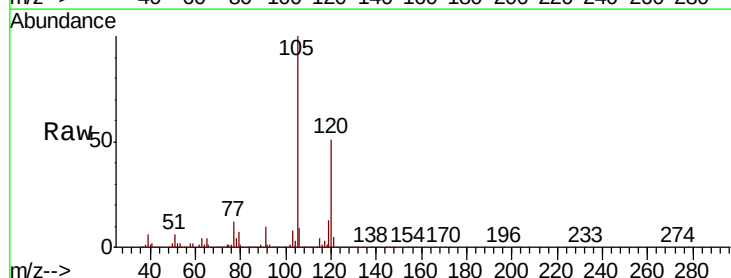
Instrument :
MSVOA_X
ClientSampleId :
PH2-0133

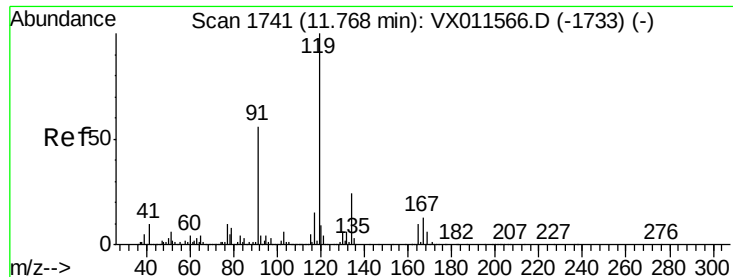
Tgt Ion: 75 Resp: 15027
Ion Ratio Lower Upper
75 100
53 98.6 77.4 116.0
89 113.5 37.3 55.9#



#82
4-Chlorotoluene
Concen: 24.094 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011583.D
Acq: 16 Aug 2019 16:01

Tgt Ion: 91 Resp: 339688
Ion Ratio Lower Upper
91 100
126 0.1 16.4 49.1#

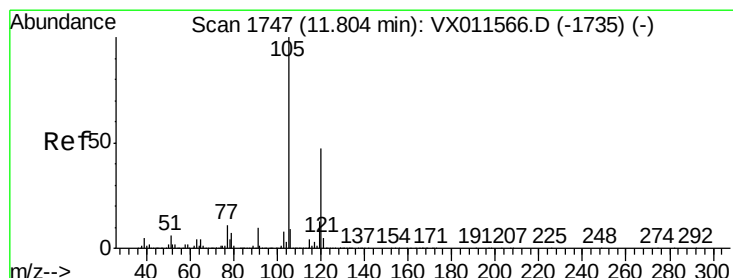
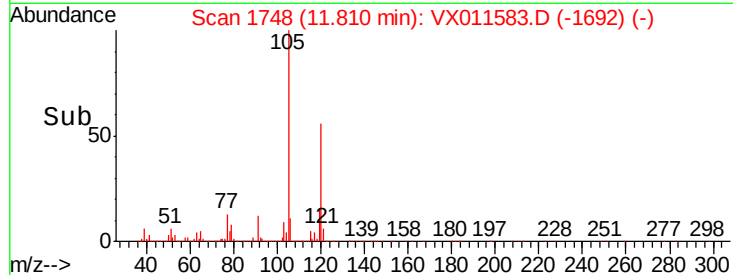
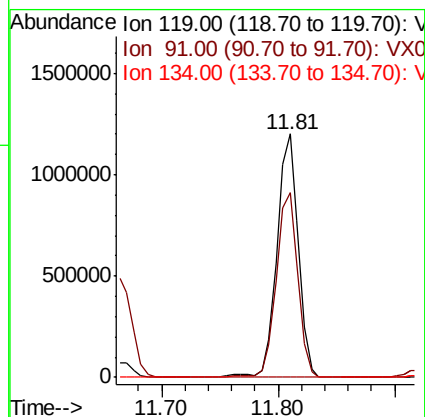
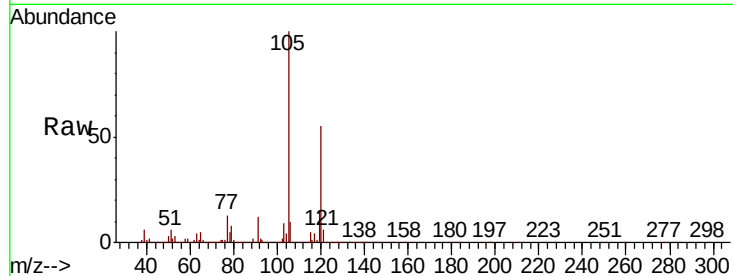




#83
 tert-Butylbenzene
 Concen: 96.954 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

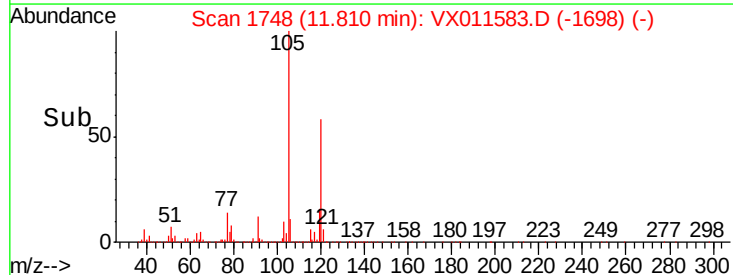
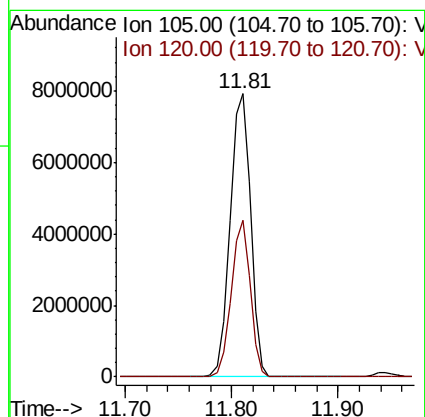
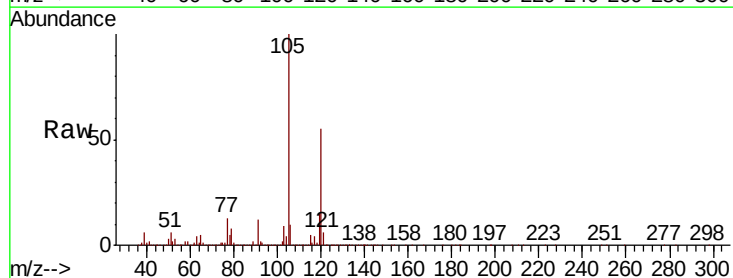
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0133

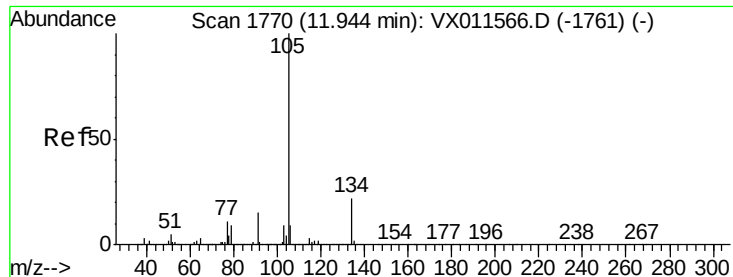
Tgt Ion:119 Resp: 1522368
 Ion Ratio Lower Upper
 119 100
 91 77.4 27.1 81.3
 134 0.0 11.8 35.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 689.269 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX011583.D
 Acq: 16 Aug 2019 16:01

Tgt Ion:105 Resp:10668251
 Ion Ratio Lower Upper
 105 100
 120 51.5 23.3 69.9





#85

sec-Butylbenzene

Concen: 602.195 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

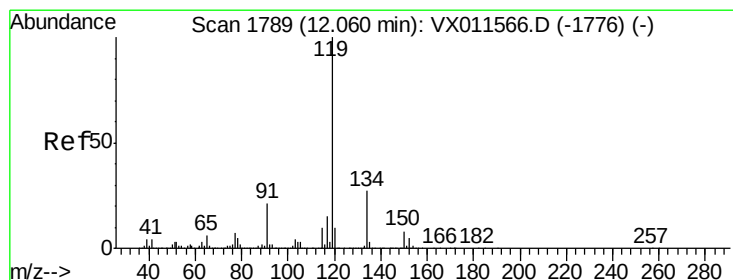
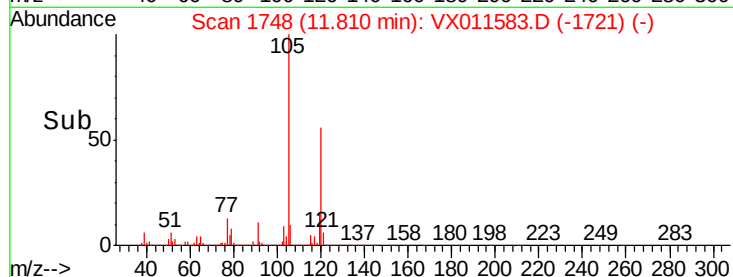
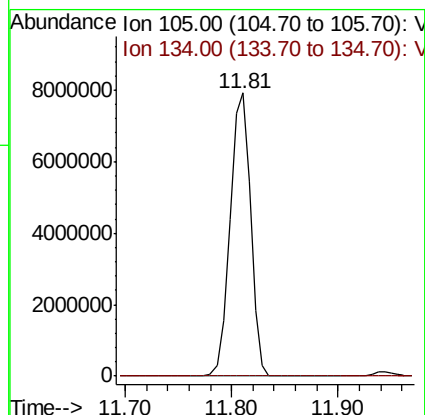
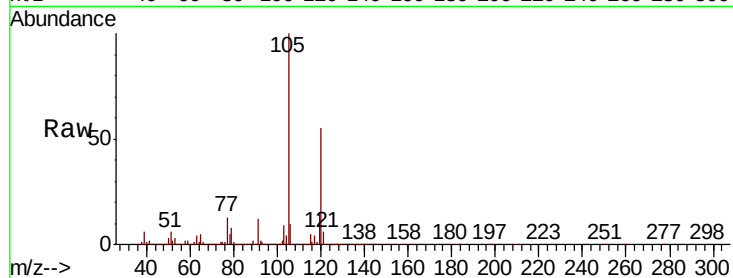
PH2-0133

Tgt Ion:105 Resp:10668251

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.4#



#86

p-Isopropyltoluene

Concen: 9.547 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

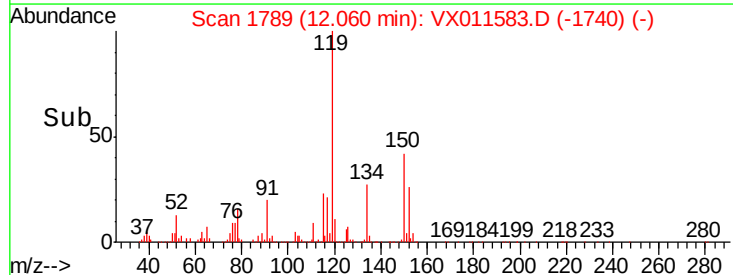
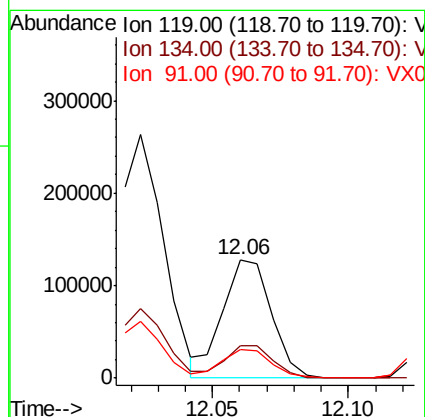
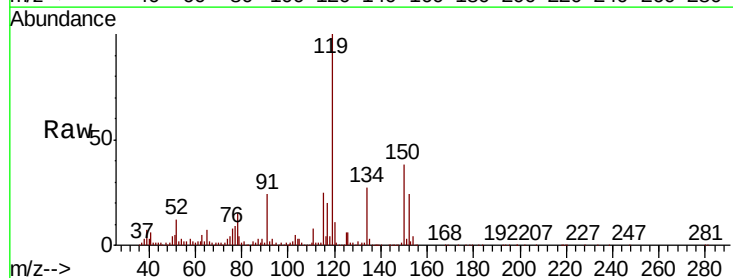
Tgt Ion:119 Resp: 159114

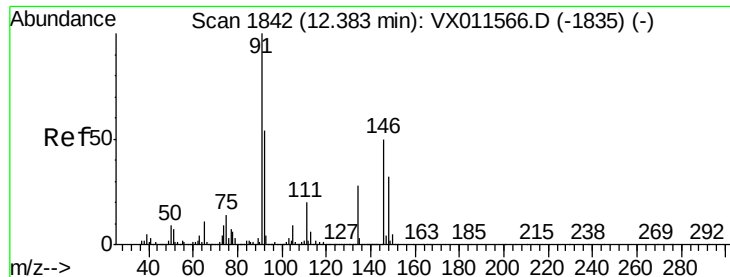
Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.8

91 24.2 10.9 32.9





#89

n-Butylbenzene

Concen: 16.899 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133

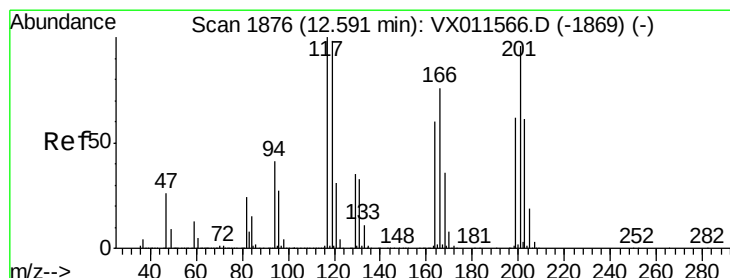
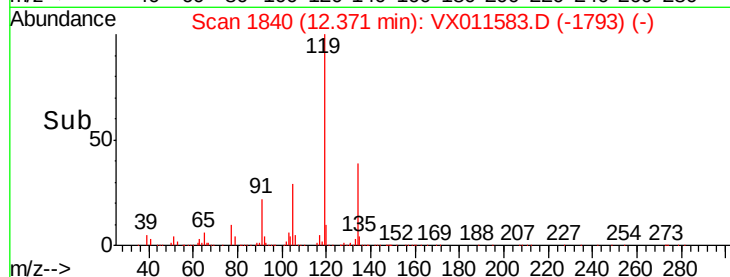
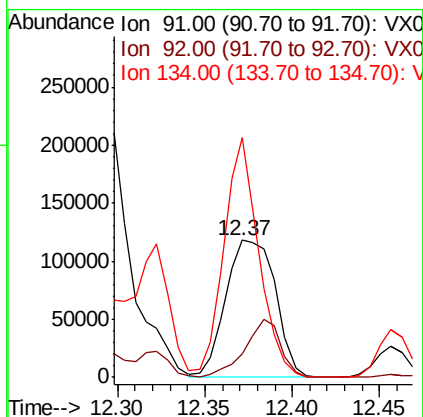
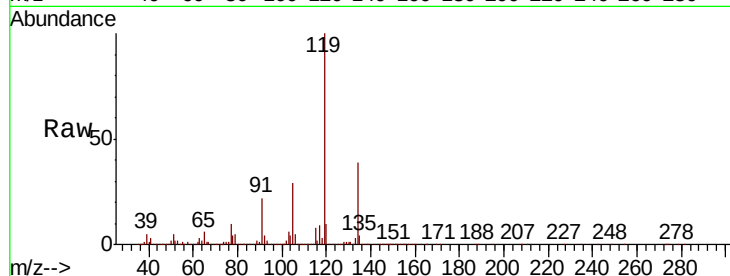
Tgt Ion: 91 Resp: 231556

Ion Ratio Lower Upper

91 100

92 30.7 26.8 80.3

134 122.8 14.6 44.0#



#90

Hexachloroethane

Concen: 20.066 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011583.D

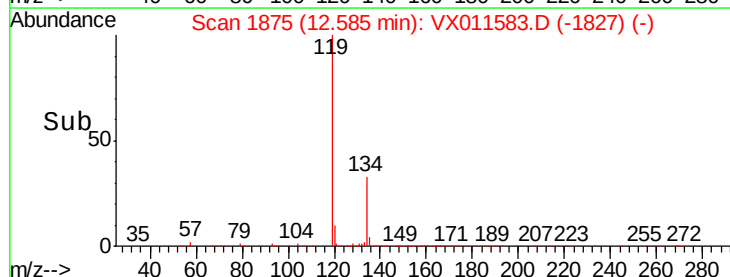
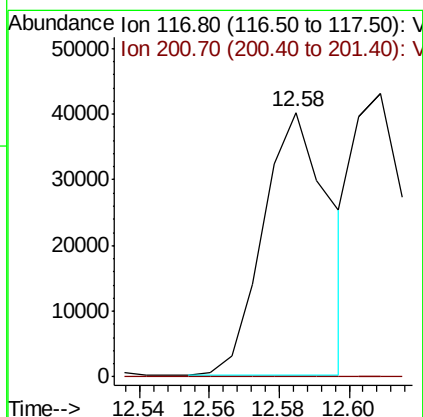
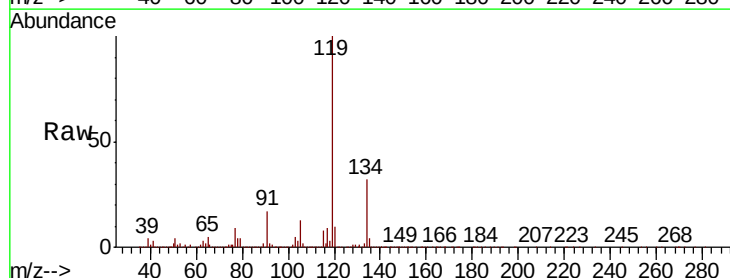
Acq: 16 Aug 2019 16:01

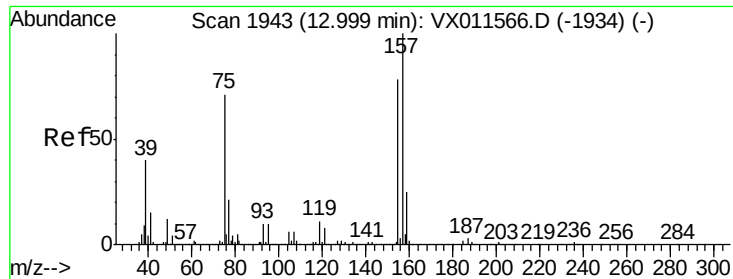
Tgt Ion: 117 Resp: 52812

Ion Ratio Lower Upper

117 100

201 0.1 51.9 155.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.549 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

PH2-0133

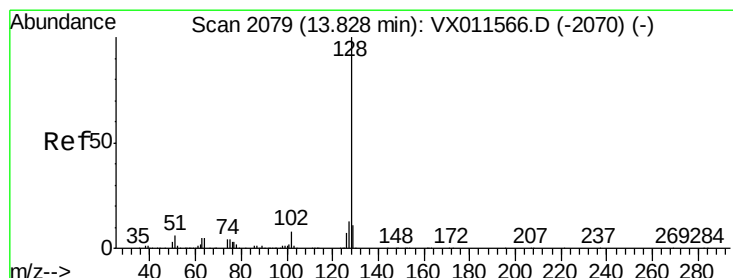
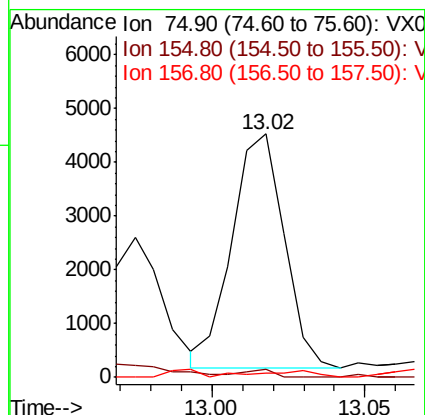
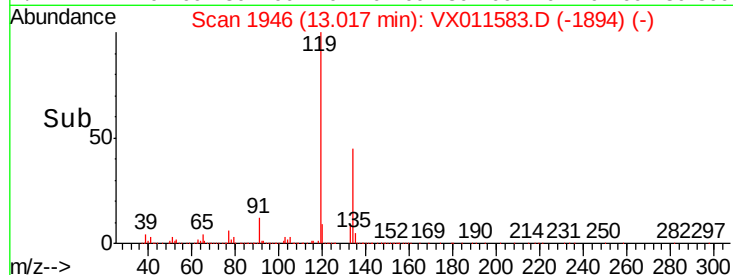
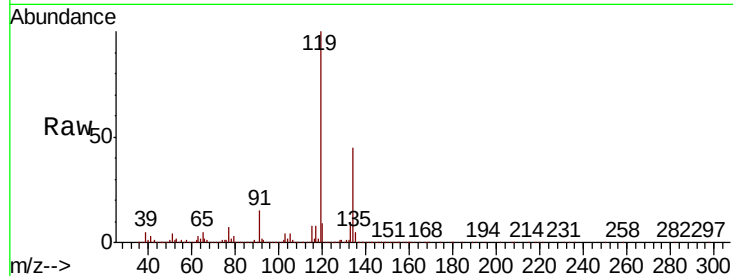
Tgt Ion: 75 Resp: 5126

Ion Ratio Lower Upper

75 100

155 1.6 53.0 159.0#

157 2.4 68.3 205.1#



#95

Naphthalene

Concen: 231.718 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011583.D

Acq: 16 Aug 2019 16:01

Tgt Ion: 128 Resp: 4598573

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.7 13.1

