

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012814.D
 Acq On : 04 Oct 2019 16:11
 Operator : JC/SP
 Sample : K5176-02MEDL 4X
 Misc : 5.02g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

Quant Time: Oct 05 04:23:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110517	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	5.48	113	85063	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	338404	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	123081	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds						Qvalue
3) Chloromethane	1.42	50	95843	44.817	ug/l #	78
5) Bromomethane	1.63	94	417	0.499	ug/l #	62
10) Methyl Iodide	2.49	142	109	5.004	ug/l #	35
11) Tert butyl alcohol	3.01	59	9171	15.229	ug/l #	76
13) Acrolein	2.46	56	52	10.382	ug/l #	9
16) Acetone	2.45	43	56197	44.011	ug/l	93
18) Methyl Acetate	2.76	43	1631	0.542	ug/l #	84
19) Methyl tert-butyl Ether	3.19	73	1695	0.252	ug/l #	48
20) Methylene Chloride	2.84	84	635	0.294	ug/l #	84
22) Diisopropyl ether	3.81	45	25671	3.762	ug/l #	1
29) Tetrahydrofuran	5.15	42	317	0.284	ug/l #	42
31) Cyclohexane	5.60	56	3138	0.935	ug/l #	60
36) 1,1-Dichloropropene	5.65	75	13619	5.033	ug/l #	51
38) Carbon Tetrachloride	5.65	117	17568	6.391	ug/l #	17
39) Methylcyclohexane	7.46	83	2068	0.635	ug/l	94
48) Methyl methacrylate	7.77	41	6797	2.680	ug/l	91
49) 1,4-Dioxane	7.75	88	816	14.183	ug/l #	41
51) 4-Methyl-2-Pentanone	8.64	43	13023	3.988	ug/l	96
52) Toluene	8.78	92	252787	50.519	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	3023	0.985	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1359	0.683	ug/l #	23
56) Ethyl methacrylate	9.09	69	21125	6.321	ug/l #	85
59) 2-Hexanone	9.50	43	717	0.287	ug/l	75
60) Dibromochloromethane	9.33	129	438	0.217	ug/l #	11
64) Tetrachloroethene	9.33	164	433	0.252	ug/l	85
67) Ethyl Benzene	10.25	91	12651	1.342	ug/l	99
68) m/p-Xylenes	10.36	106	16300	4.616	ug/l	98
69) o-Xylene	10.70	106	6846	2.004	ug/l	99
73) Isopropylbenzene	11.02	105	4504	0.529	ug/l	97
74) N-amyl acetate	10.91	43	1206	0.297	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	61574	22.286	ug/l #	38
78) n-propylbenzene	11.35	91	17481	1.825	ug/l	98
79) 2-Chlorotoluene	11.43	91	8488	1.421	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	20966	2.939	ug/l	99

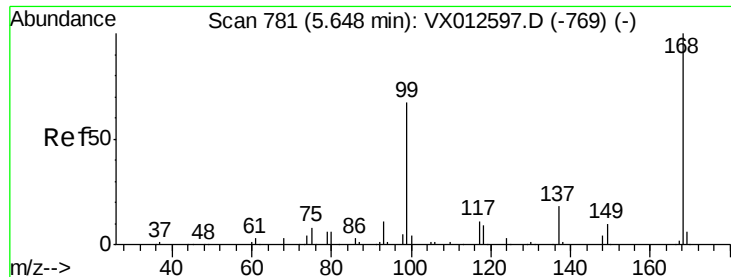
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.08	75	9312	9.659	ug/l #	42
82) 4-Chlorotoluene	11.50	91	2737	0.402	ug/l #	48
83) tert-Butylbenzene	11.81	119	8498	1.235	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.80	105	71588	9.948	ug/l	99
85) sec-Butylbenzene	11.94	105	9235	1.154	ug/l	91
86) p-Isopropyltoluene	12.06	119	5416	0.750	ug/l	90
89) n-Butylbenzene	12.38	91	18081	2.841	ug/l #	55
90) Hexachloroethane	12.59	117	1720	1.336	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.04	75	30735	43.611	ug/l #	4
95) Naphthalene	13.83	128	28844	3.769	ug/l #	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

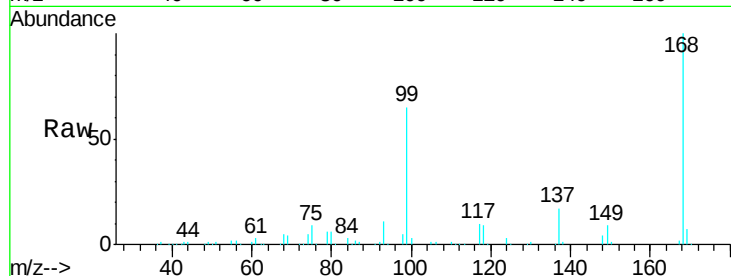
30440-30377

Tgt Ion:168 Resp: 165546

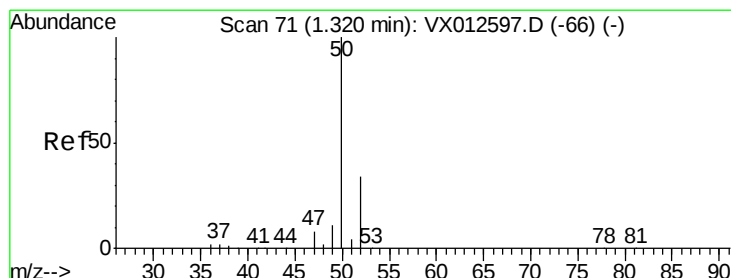
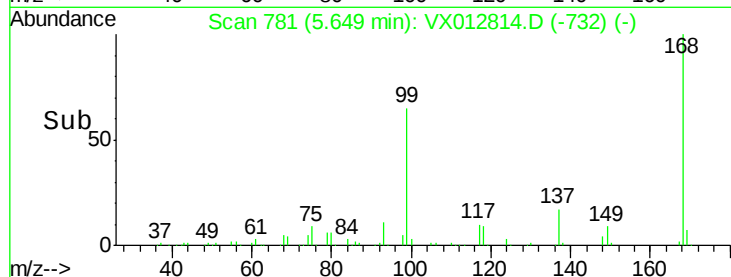
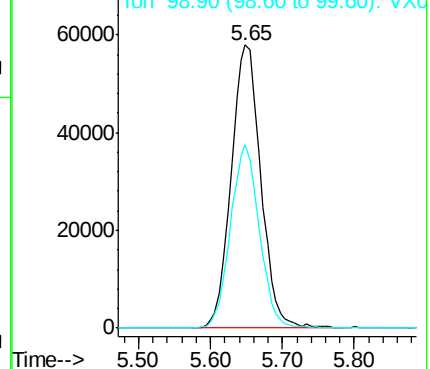
Ion Ratio Lower Upper

168 100

99 64.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V



#3

Chloromethane

Concen: 44.817 ug/l

RT: 1.42 min Scan# 87

Delta R.T. 0.10 min

Lab File: VX012814.D

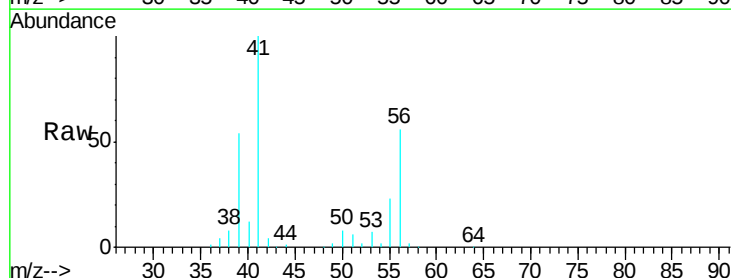
Acq: 04 Oct 2019 16:11

Tgt Ion: 50 Resp: 95843

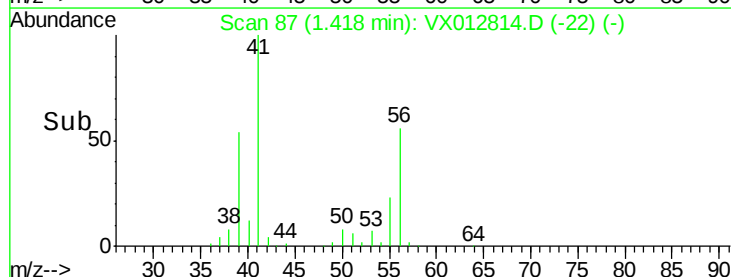
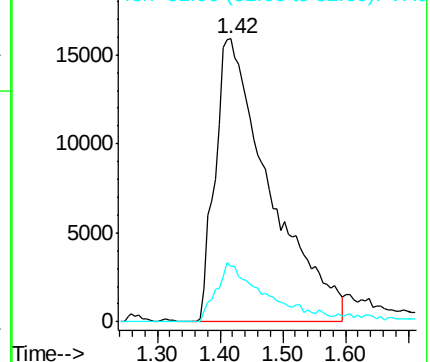
Ion Ratio Lower Upper

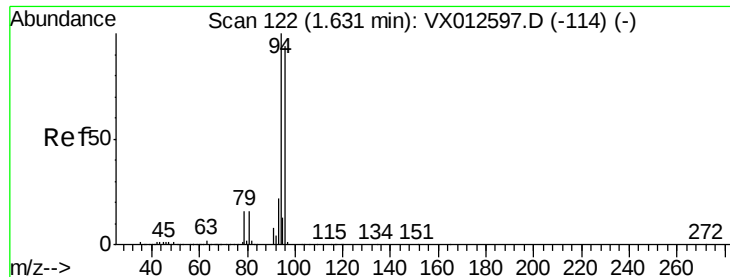
50 100

52 19.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0





#5

Bromomethane

Concen: 0.499 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

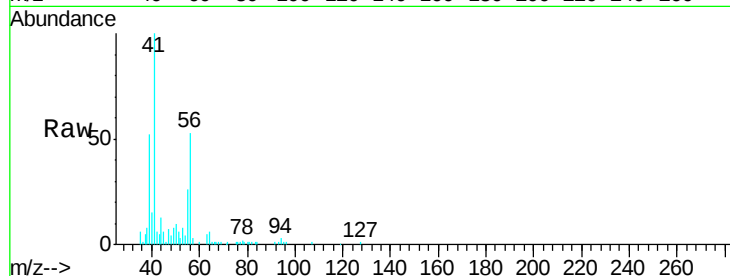
30440-30377

Tgt Ion: 94 Resp: 417

Ion Ratio Lower Upper

94 100

96 55.2 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

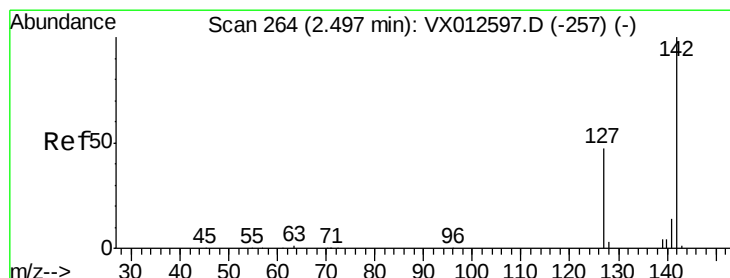
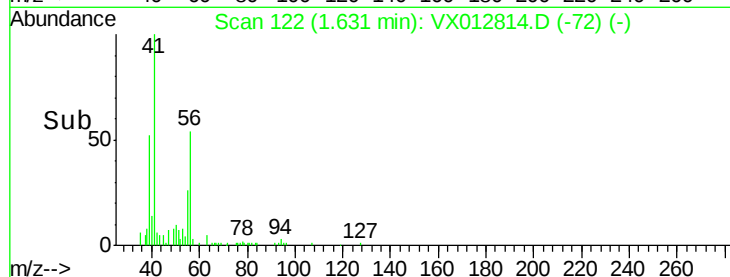
300

200

100

0

Time-->



#10

Methyl Iodide

Concen: 5.004 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

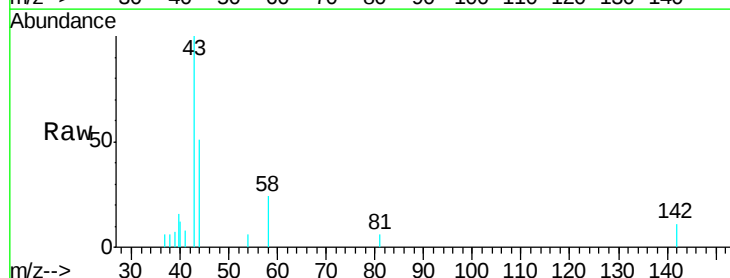
Tgt Ion: 142 Resp: 109

Ion Ratio Lower Upper

142 100

127 0.0 40.8 61.2#

141 0.0 12.1 18.1#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

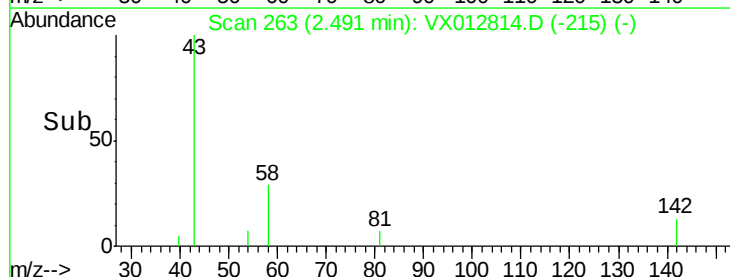
2.49

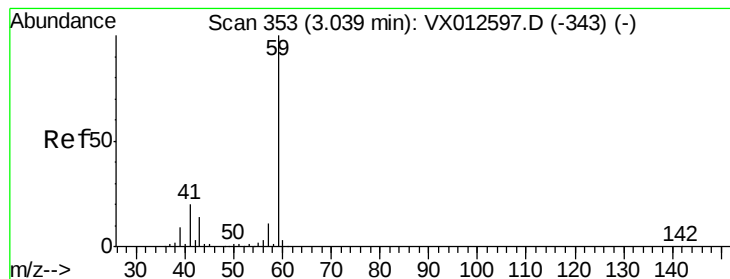
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 15.229 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

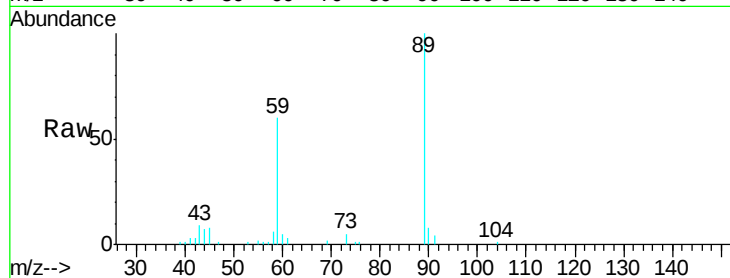
30440-30377

Tgt Ion: 59 Resp: 9171

Ion Ratio Lower Upper

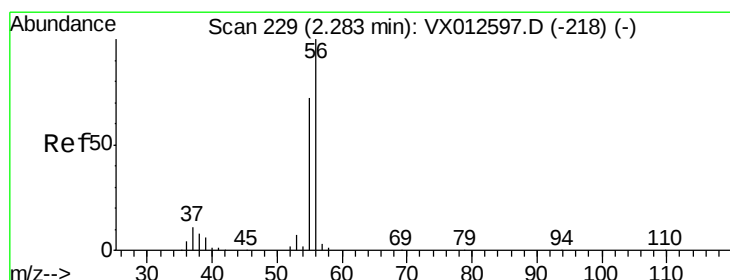
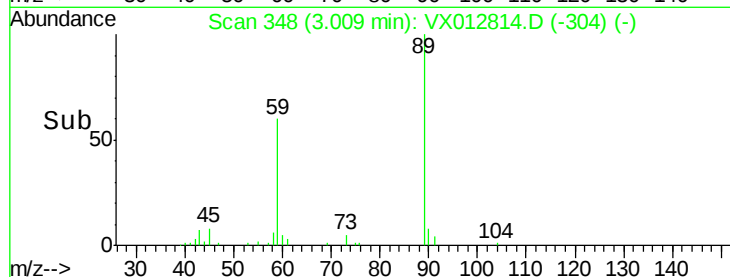
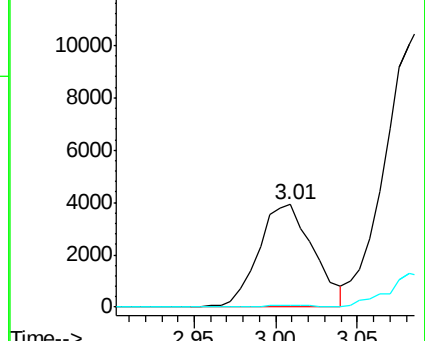
59 100

57 1.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 10.382 ug/l

RT: 2.46 min Scan# 258

Delta R.T. 0.18 min

Lab File: VX012814.D

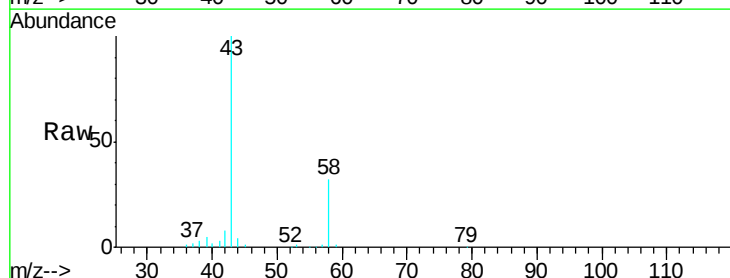
Acq: 04 Oct 2019 16:11

Tgt Ion: 56 Resp: 52

Ion Ratio Lower Upper

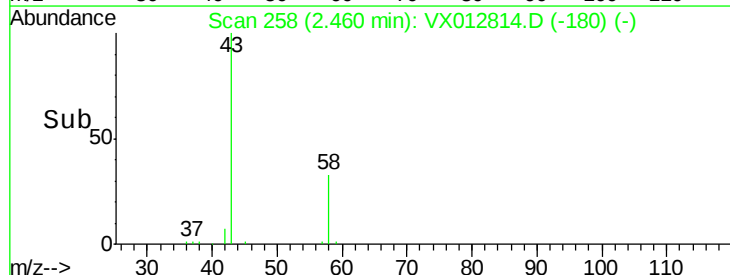
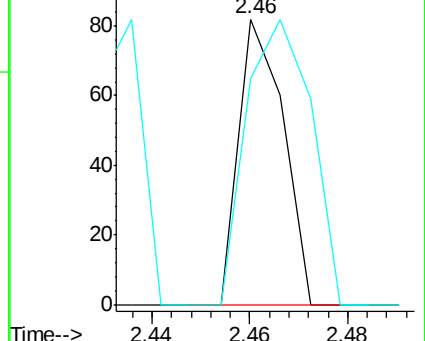
56 100

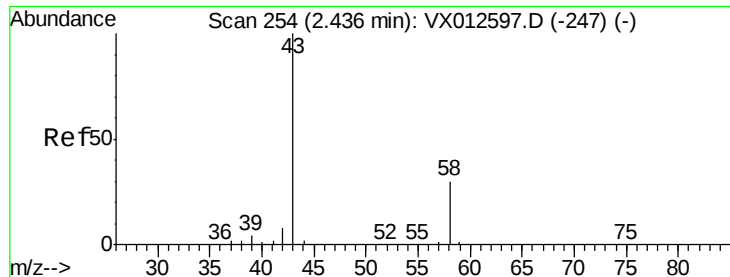
55 144.2 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 44.011 ug/l

RT: 2.45 min Scan# 256

Delta R.T. 0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

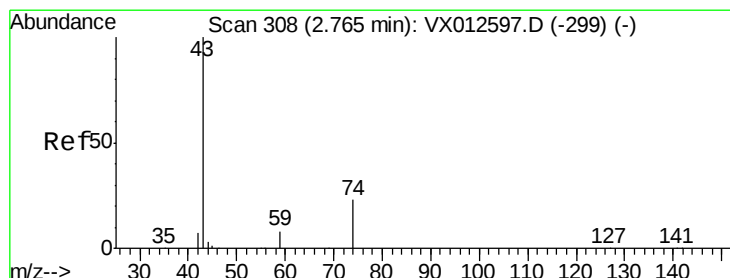
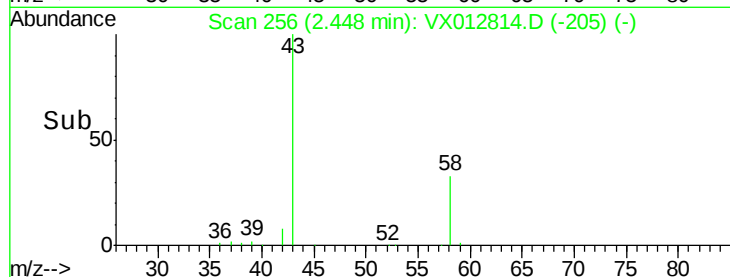
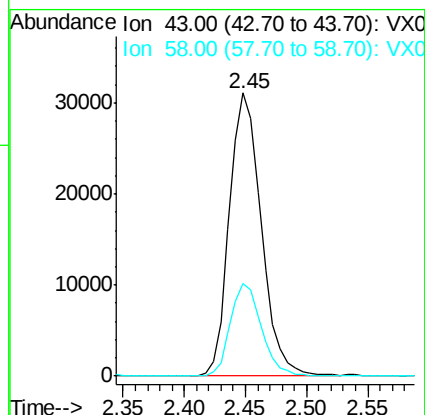
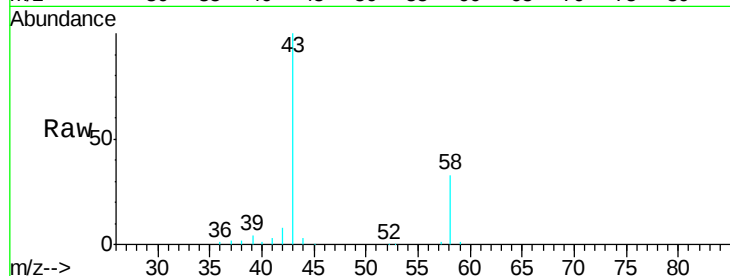
30440-30377

Tgt Ion: 43 Resp: 56197

Ion Ratio Lower Upper

43 100

58 32.9 23.3 34.9



#18

Methyl Acetate

Concen: 0.542 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012814.D

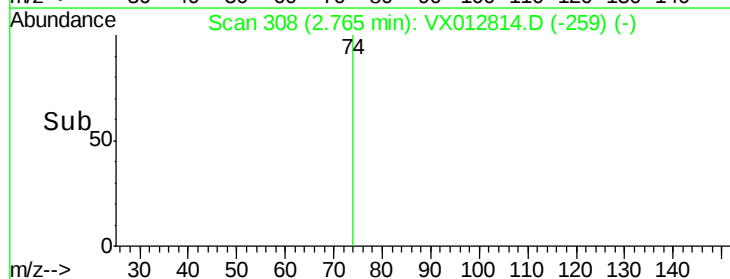
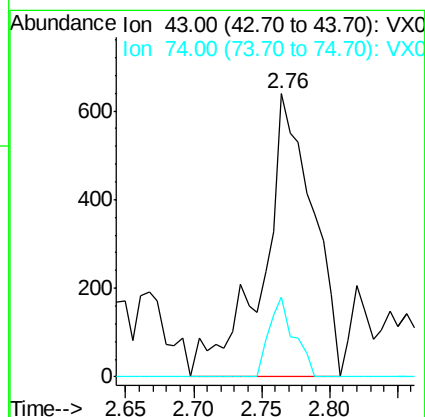
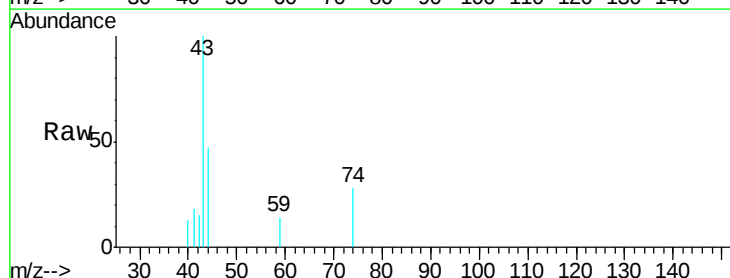
Acq: 04 Oct 2019 16:11

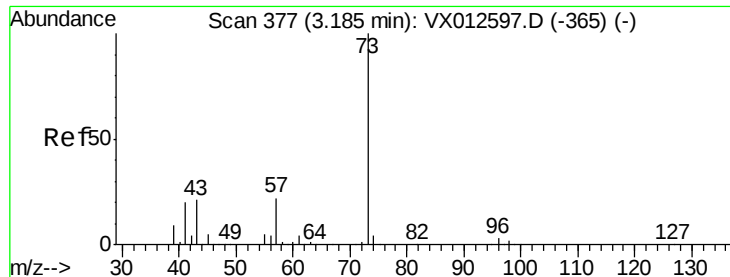
Tgt Ion: 43 Resp: 1631

Ion Ratio Lower Upper

43 100

74 14.4 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.252 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

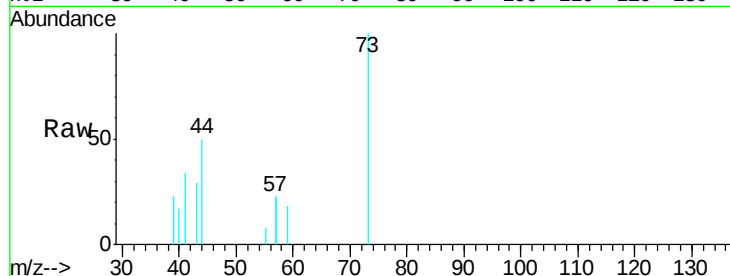
30440-30377

Tgt Ion: 73 Resp: 1695

Ion Ratio Lower Upper

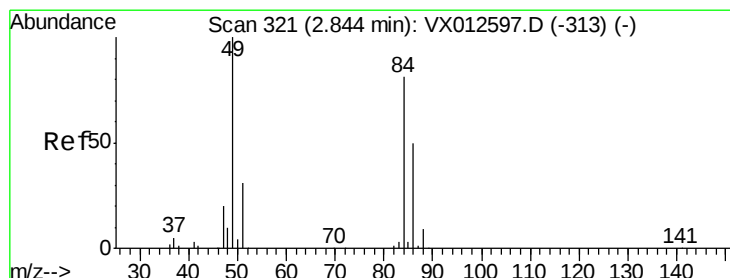
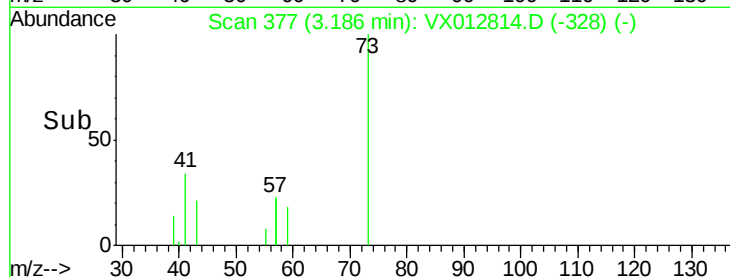
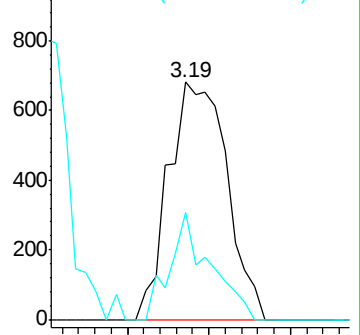
73 100

57 45.2 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 0.294 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Tgt Ion: 84 Resp: 635

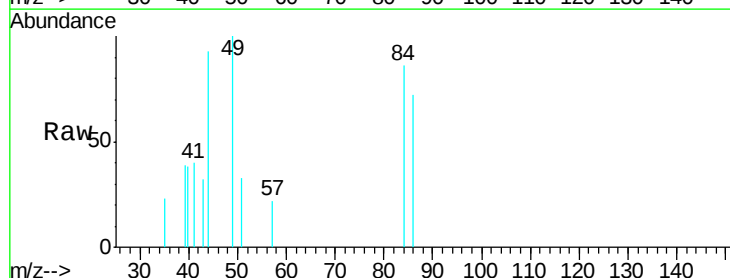
Ion Ratio Lower Upper

84 100

49 115.6 106.8 160.2

51 37.8 32.3 48.5

86 83.3 51.3 76.9#

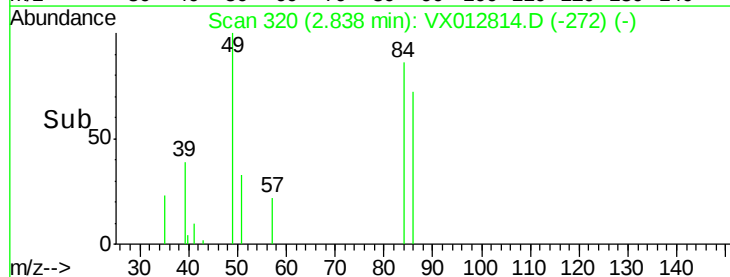
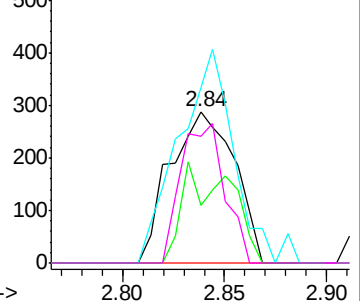


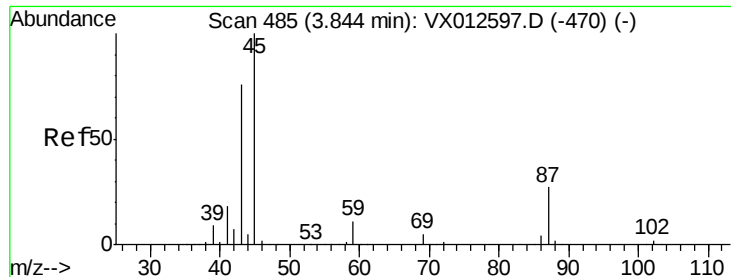
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#22

Diisopropyl ether

Concen: 3.762 ug/l

RT: 3.81 min Scan# 480

Delta R.T. -0.03 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampled :

30440-30377

Tgt Ion: 45 Resp: 25671

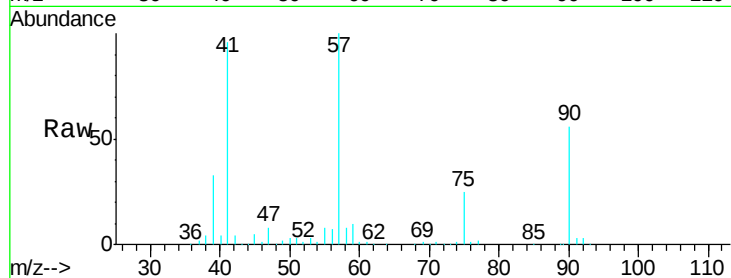
Ion Ratio Lower Upper

45 100

43 8.4 57.8 86.8#

87 0.0 21.3 31.9#

59 192.0 8.5 12.7#

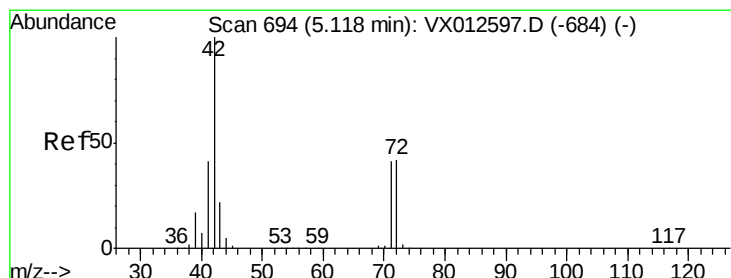
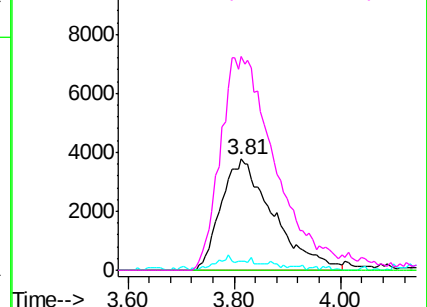
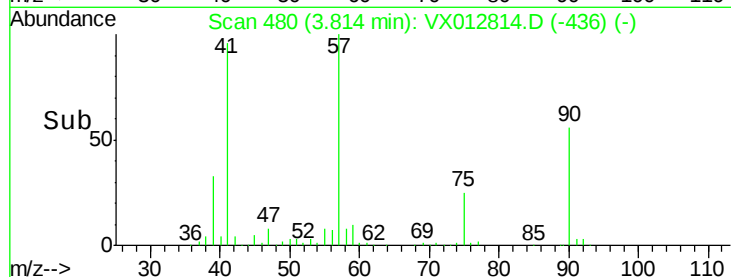


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#29

Tetrahydrofuran

Concen: 0.284 ug/l

RT: 5.15 min Scan# 700

Delta R.T. 0.04 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

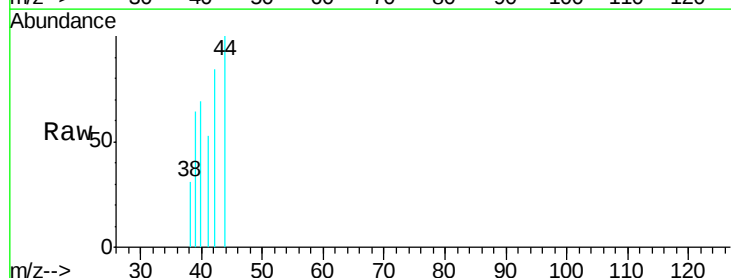
Tgt Ion: 42 Resp: 317

Ion Ratio Lower Upper

42 100

72 9.1 34.0 51.0#

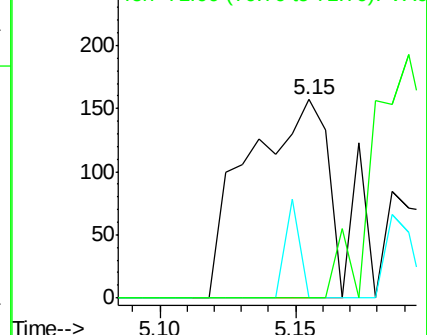
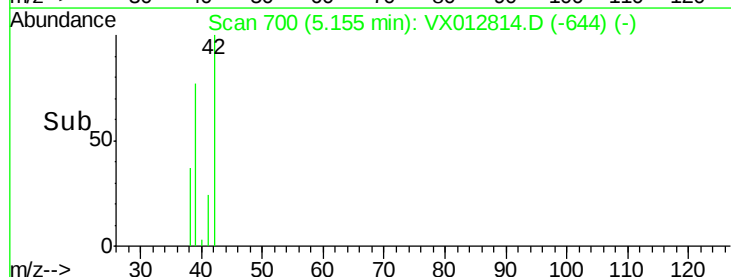
71 0.0 31.5 47.3#

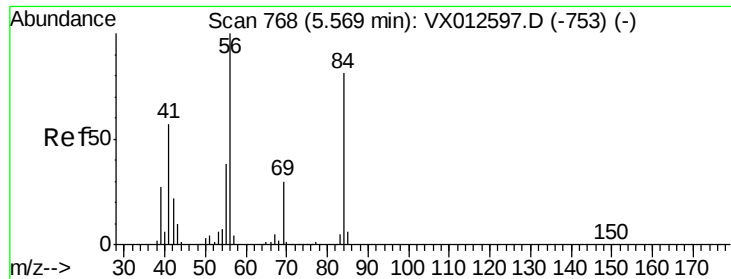


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

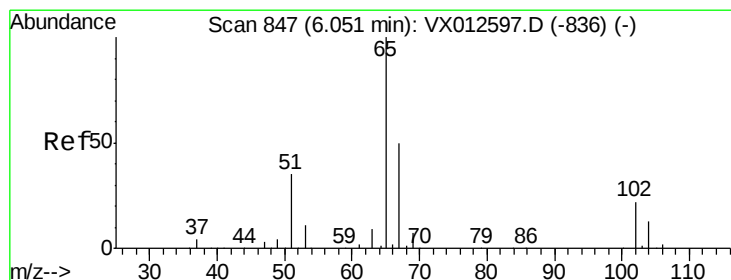
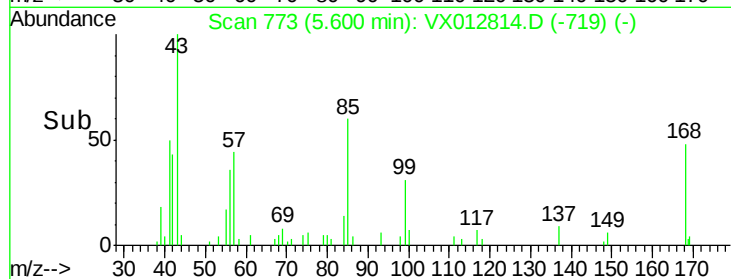
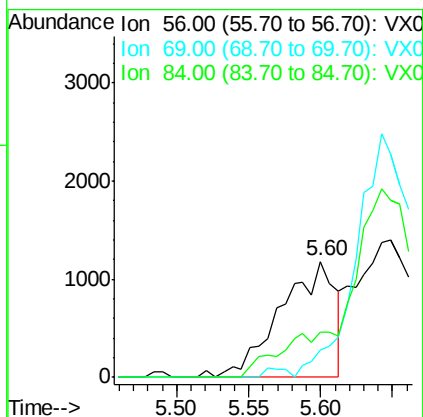
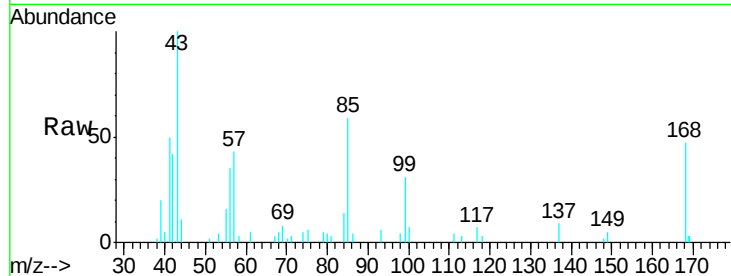




#31
Cyclohexane
Concen: 0.935 ug/l
RT: 5.60 min Scan# 773
Delta R.T. 0.03 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

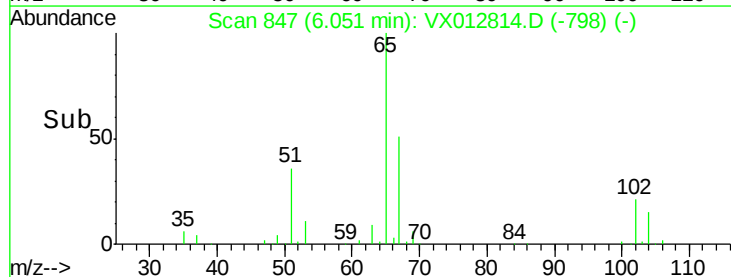
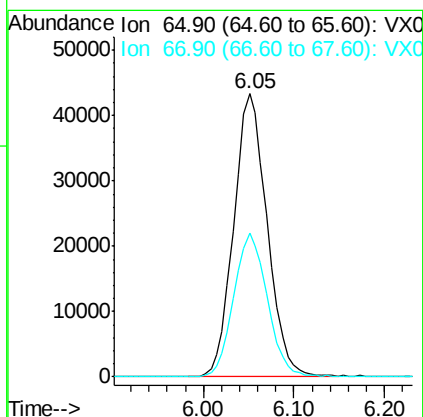
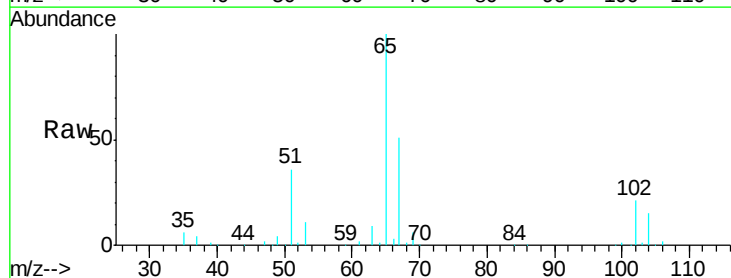
Instrument :
MSVOA_X
ClientSampleId :
30440-30377

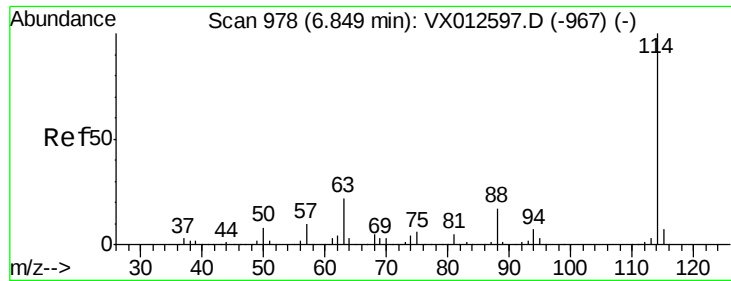
Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 23.2 25.0 37.6#
84 39.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 45.845 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 65 Resp: 110517
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2

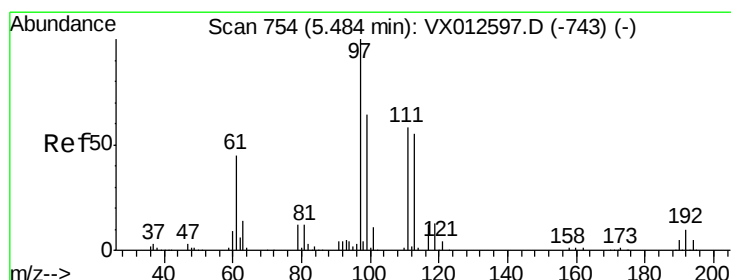
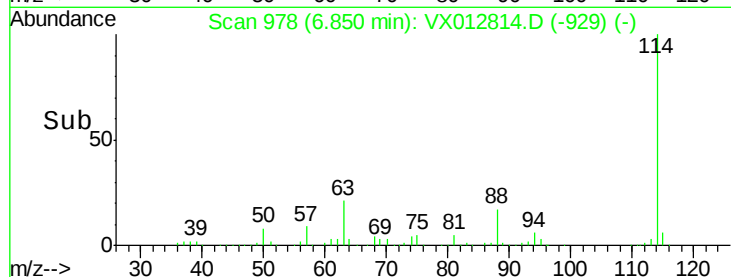
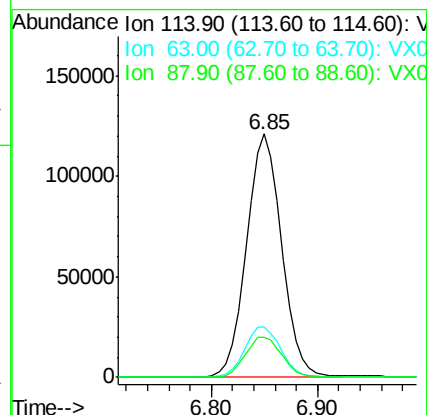
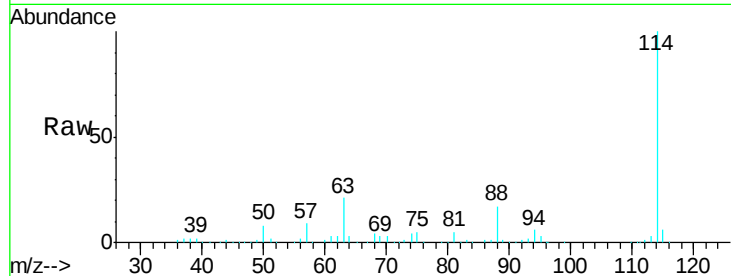




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

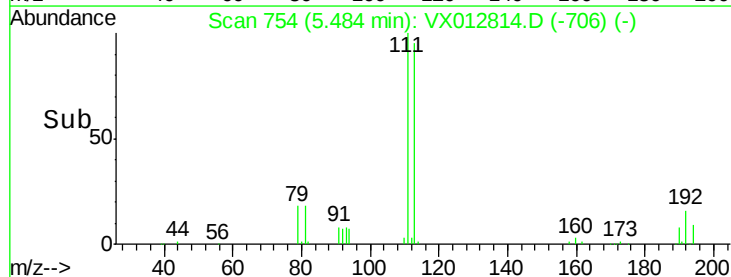
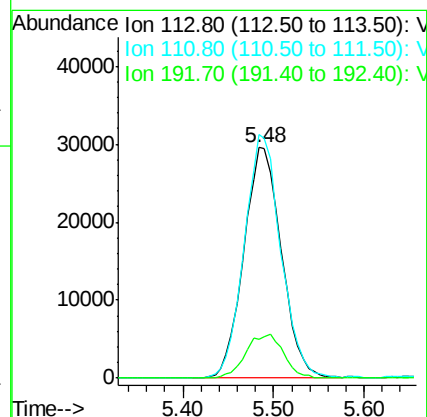
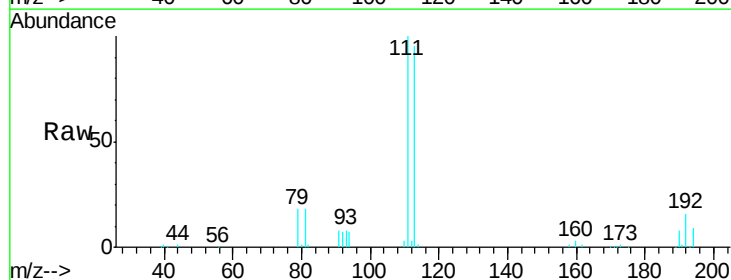
Instrument :
MSVOA_X
ClientSampleId :
30440-30377

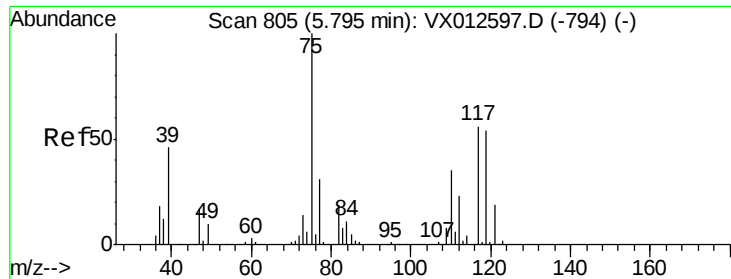
Tgt Ion:114 Resp: 280720
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.881 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:113 Resp: 85063
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 19.2 14.4 21.6

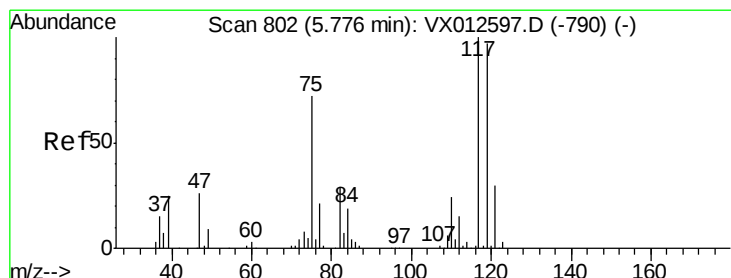
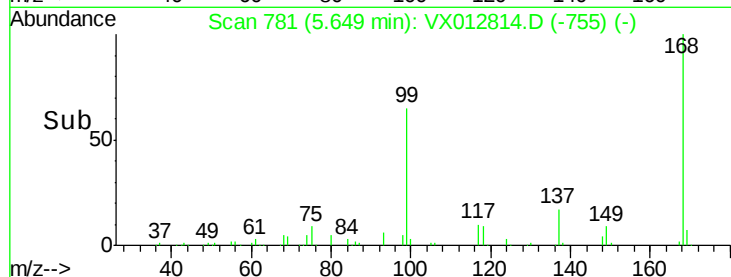
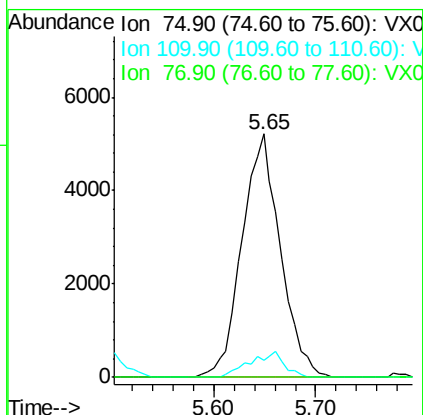
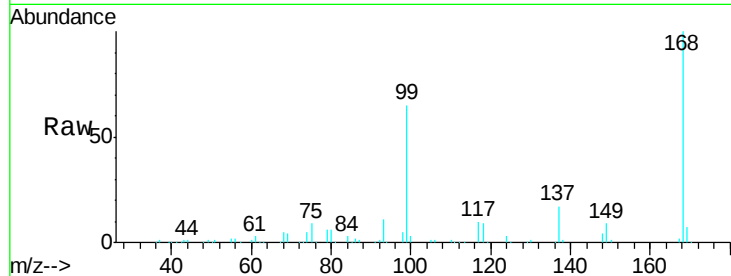




#36
 1,1-Dichloropropene
 Concen: 5.033 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

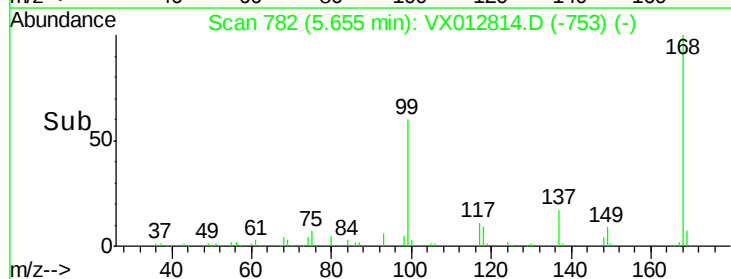
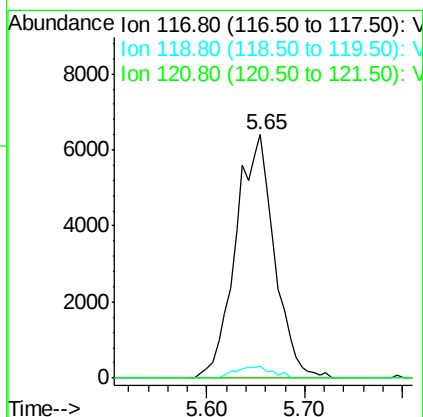
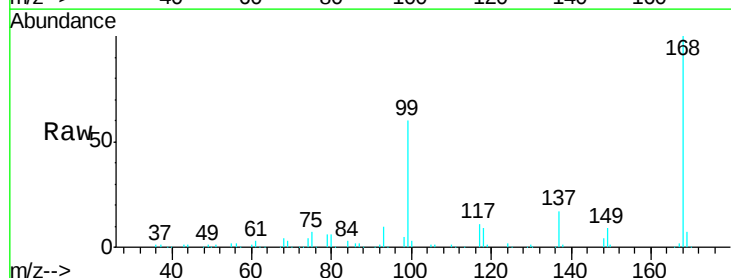
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

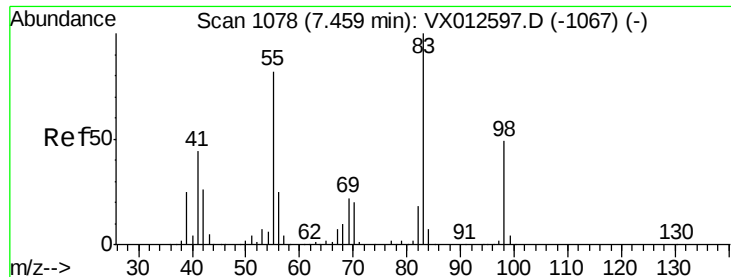
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.7	50.0#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.391 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.7	113.5#
121	0.0	24.2	36.4#

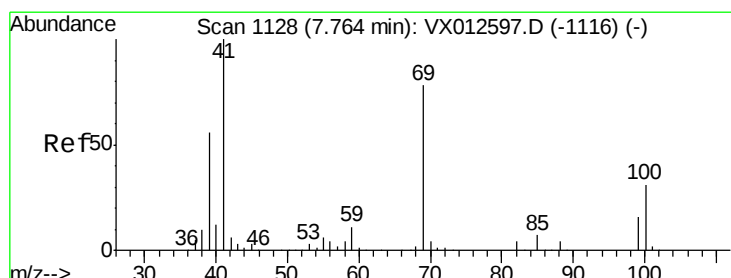
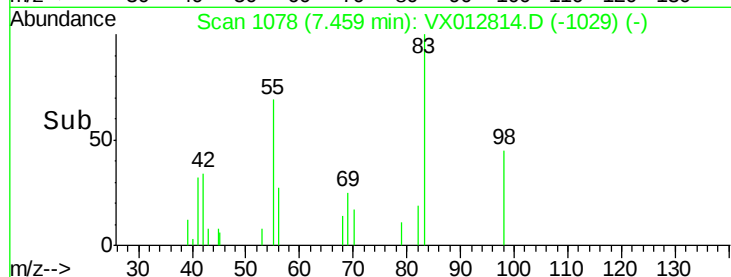
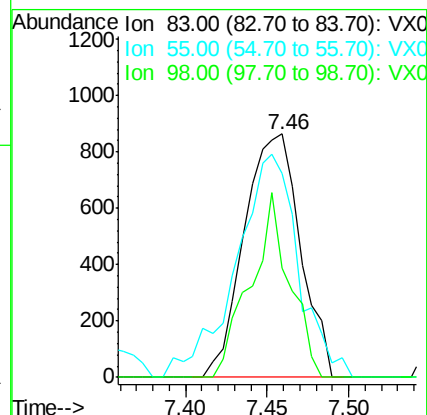
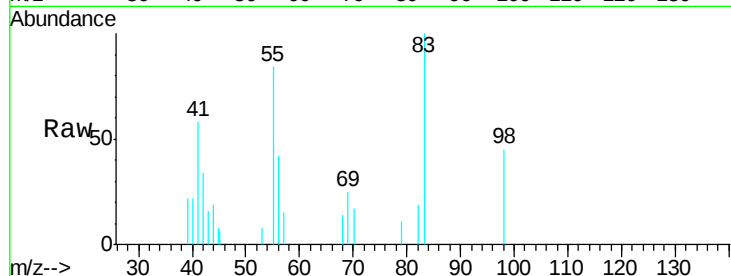




#39
Methylcyclohexane
Concen: 0.635 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

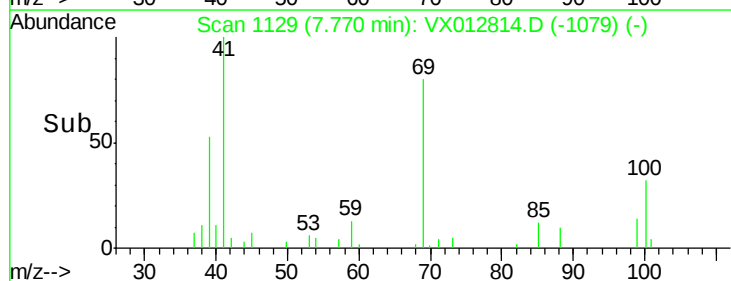
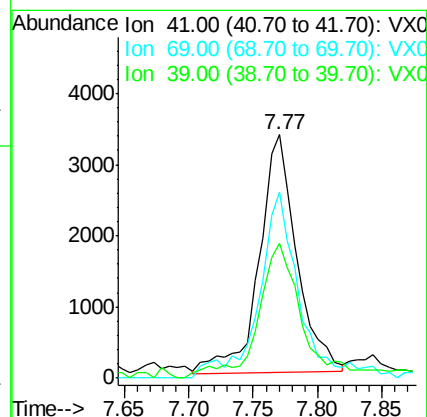
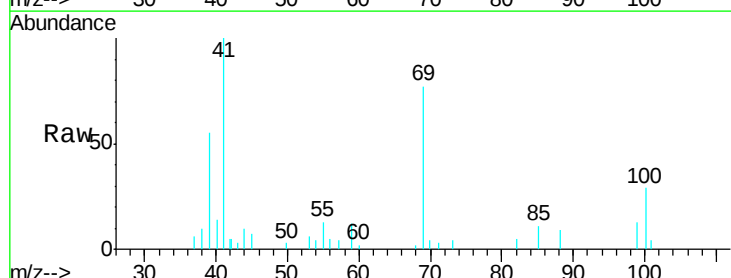
Instrument :
MSVOA_X
ClientSampleId :
30440-30377

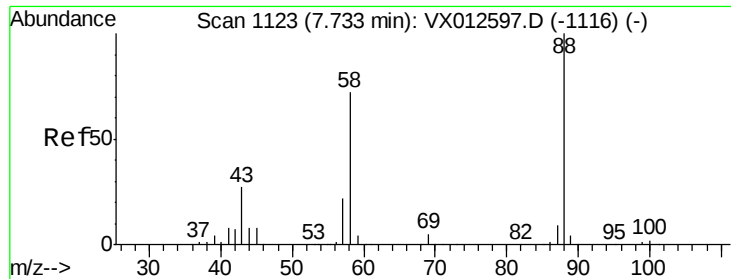
Tgt Ion: 83 Resp: 2068
Ion Ratio Lower Upper
83 100
55 75.8 64.4 96.6
98 44.8 40.1 60.1



#48
Methyl methacrylate
Concen: 2.680 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 41 Resp: 6797
Ion Ratio Lower Upper
41 100
69 68.0 59.9 89.9
39 66.5 47.8 71.6

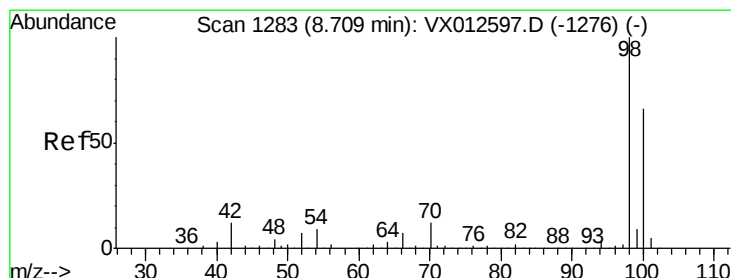
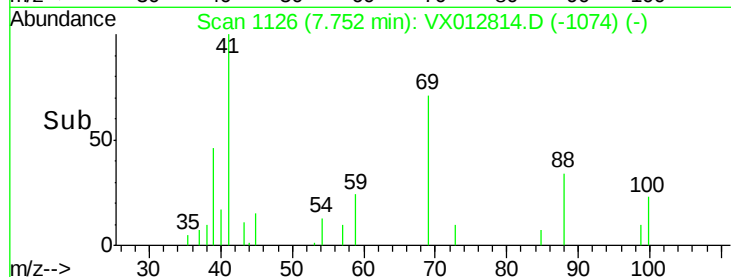
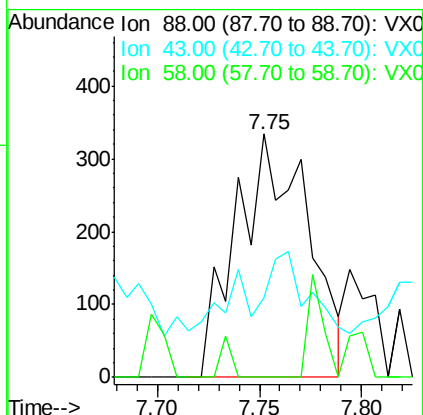
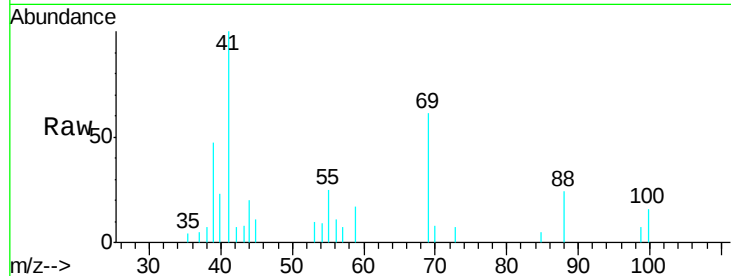




#49
 1,4-Dioxane
 Concen: 14.183 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.02 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

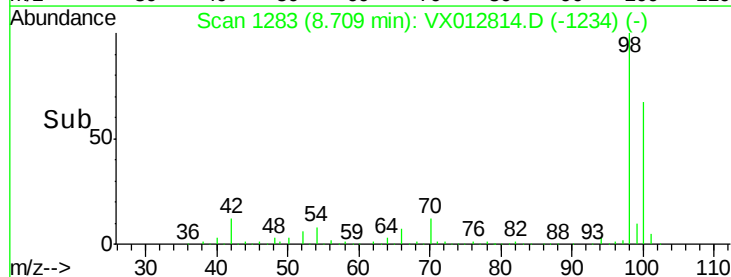
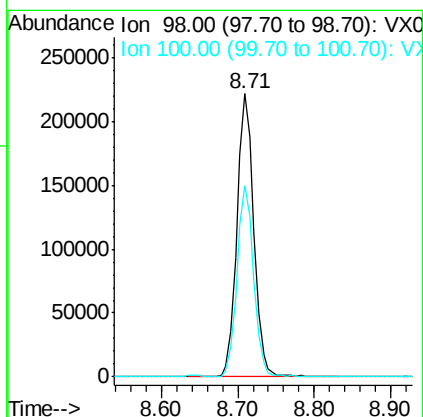
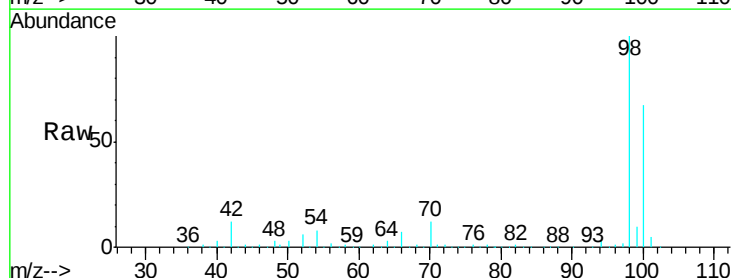
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

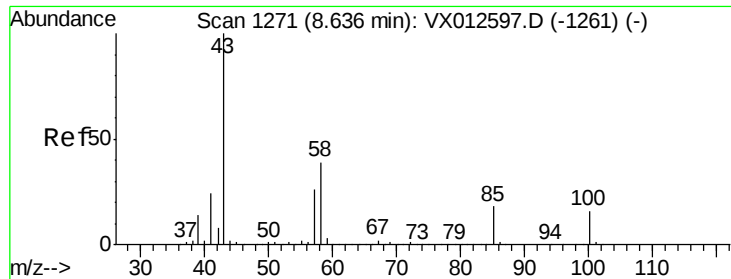
Tgt Ion: 88 Resp: 816
 Ion Ratio Lower Upper
 88 100
 43 39.6 29.4 44.0
 58 0.0 57.5 86.3#



#50
 Toluene-d8
 Concen: 52.562 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion: 98 Resp: 338404
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 3.988 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

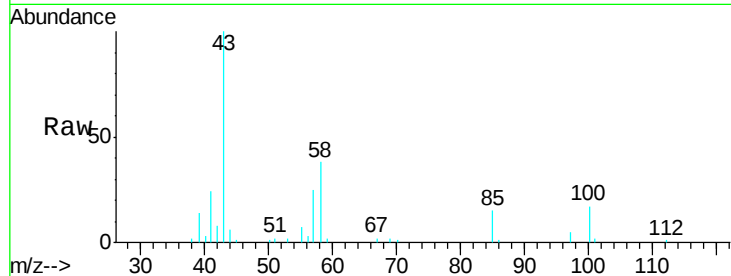
30440-30377

Tgt Ion: 43 Resp: 13023

Ion Ratio Lower Upper

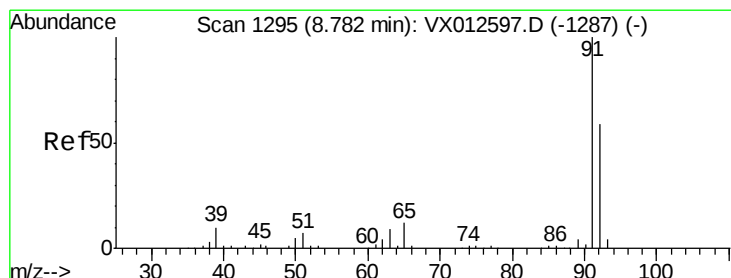
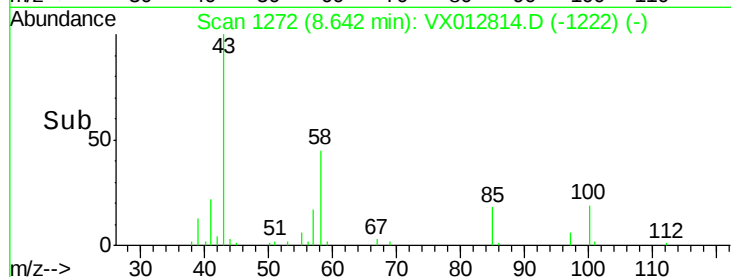
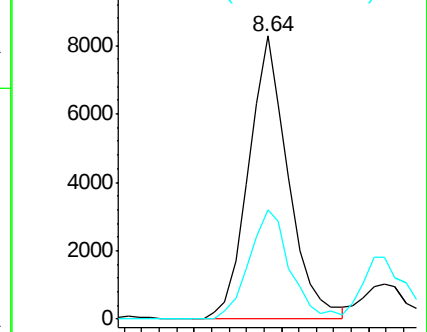
43 100

58 39.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.519 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012814.D

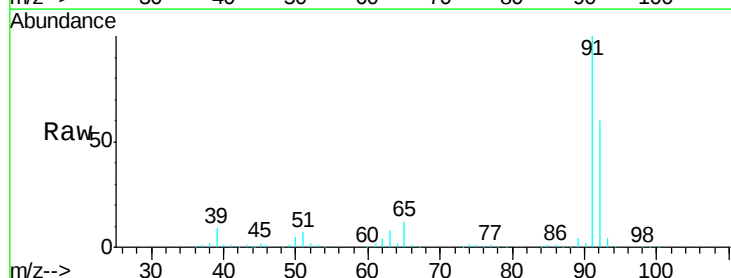
Acq: 04 Oct 2019 16:11

Tgt Ion: 92 Resp: 252787

Ion Ratio Lower Upper

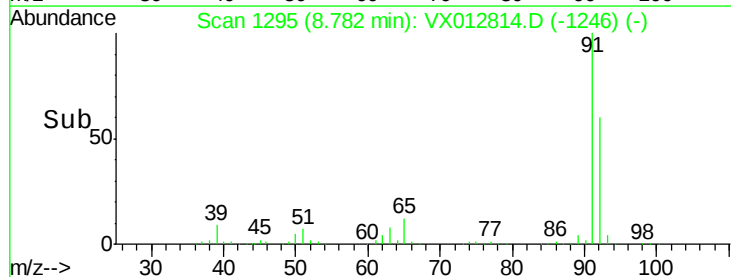
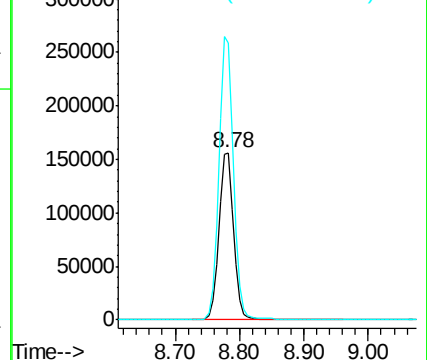
92 100

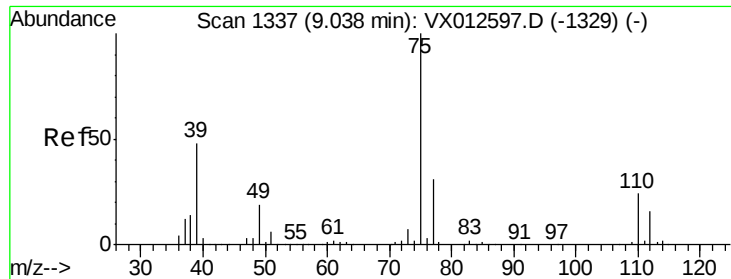
91 167.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

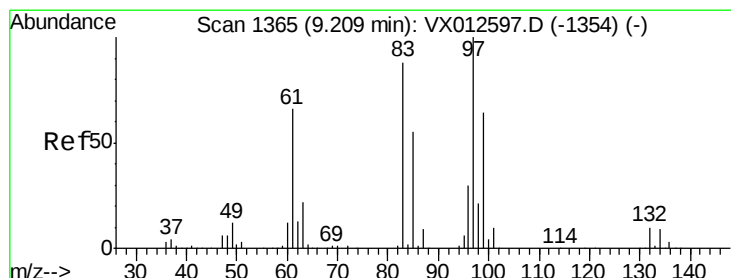
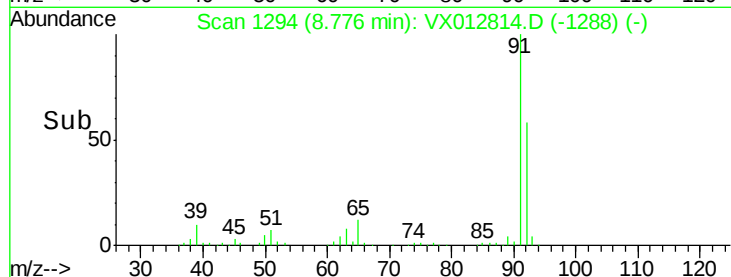
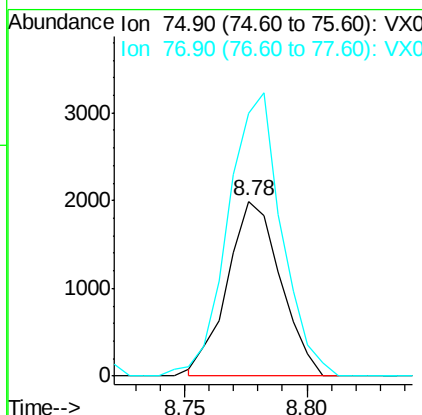
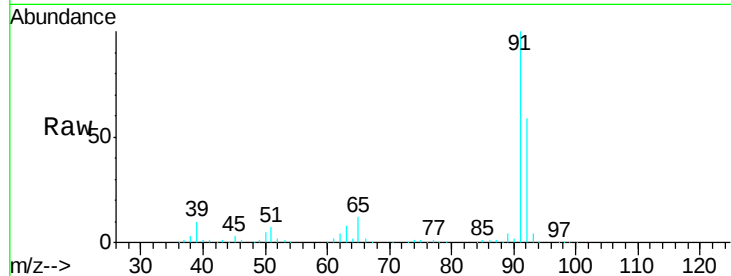




#53
t-1,3-Dichloropropene
Concen: 0.985 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.26 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

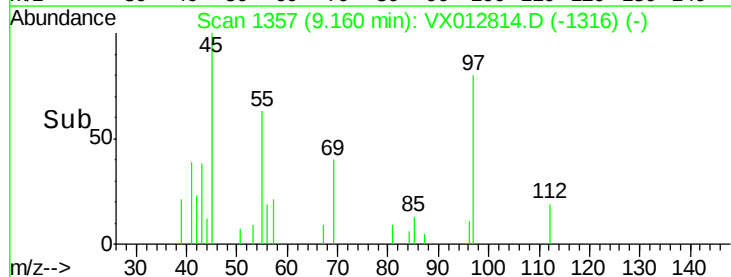
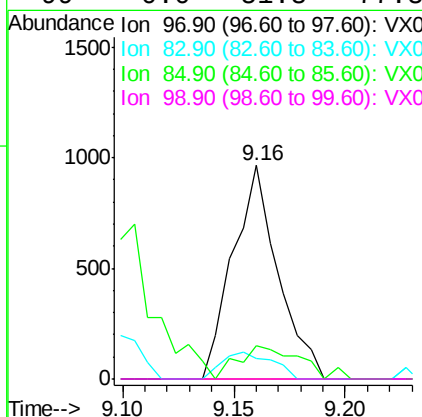
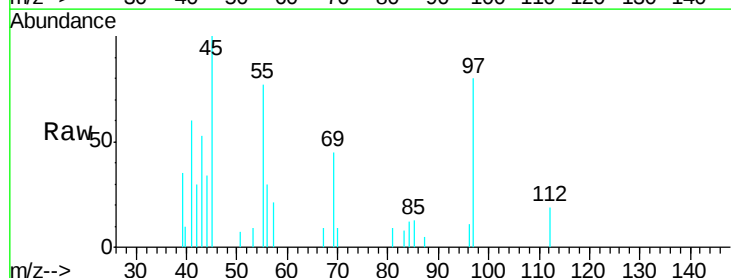
Instrument :
MSVOA_X
ClientSampleId :
30440-30377

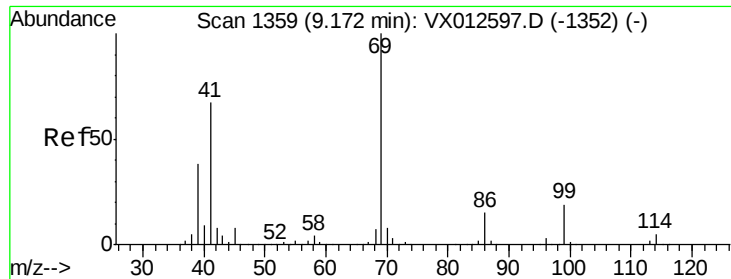
Tgt Ion: 75 Resp: 3023
Ion Ratio Lower Upper
75 100
77 150.7 25.2 37.8#



#55
1,1,2-Trichloroethane
Concen: 0.683 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 97 Resp: 1359
Ion Ratio Lower Upper
97 100
83 9.8 67.4 101.2#
85 10.3 43.5 65.3#
99 0.0 51.8 77.8#





#56

Ethyl methacrylate

Concen: 6.321 ug/l

RT: 9.09 min Scan# 1346

Delta R.T. -0.08 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

30440-30377

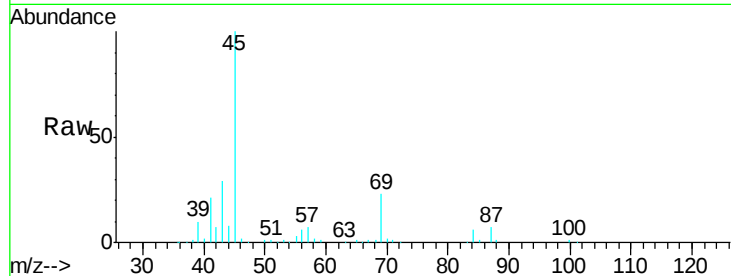
Tgt Ion: 69 Resp: 21125

Ion Ratio Lower Upper

69 100

41 89.5 58.4 87.6#

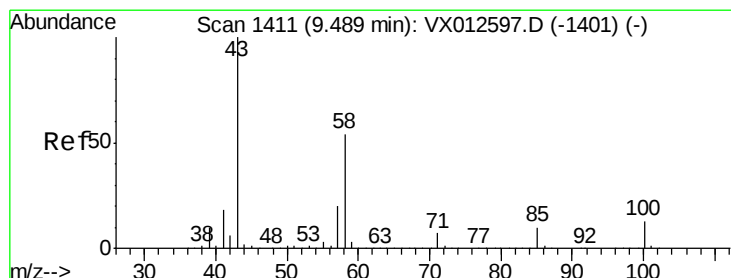
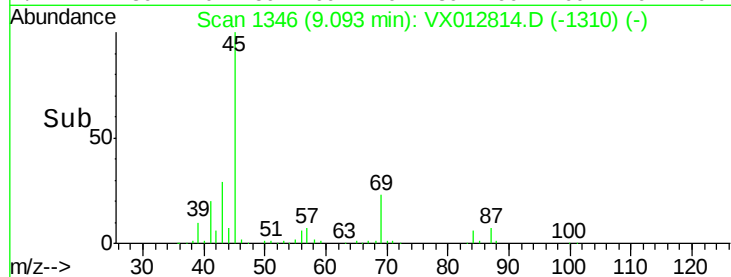
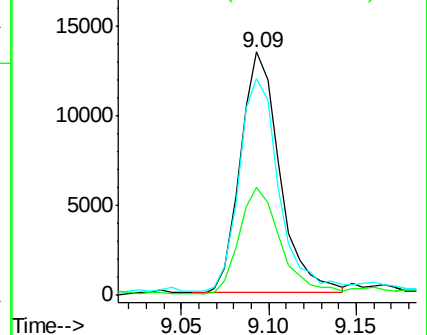
39 46.4 33.4 50.0



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: 0.287 ug/l

RT: 9.50 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX012814.D

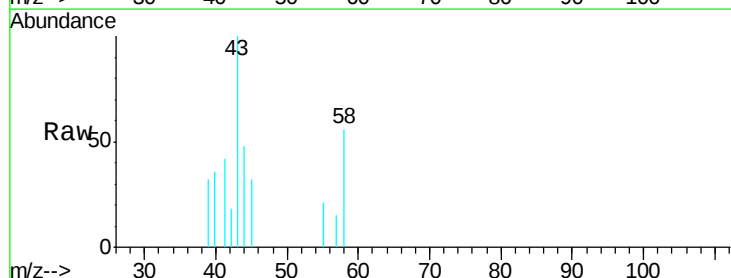
Acq: 04 Oct 2019 16:11

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

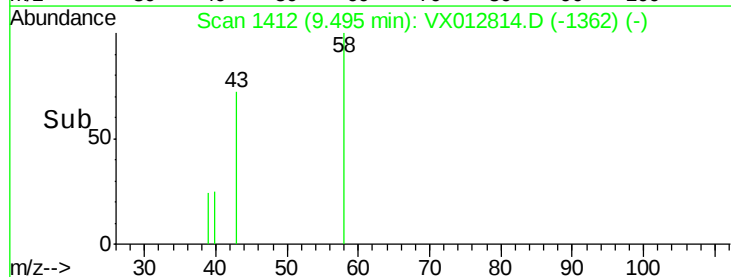
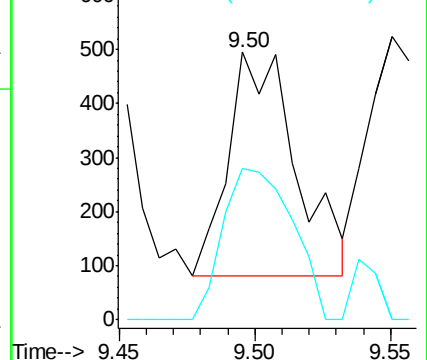
43 100

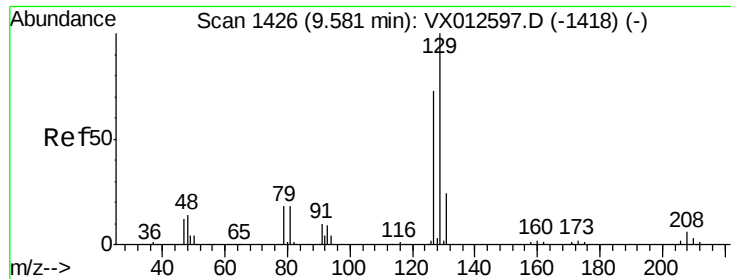
58 69.2 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 0.217 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

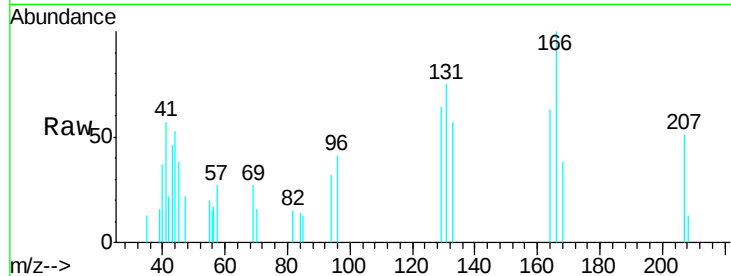
30440-30377

Tgt Ion:129 Resp: 438

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

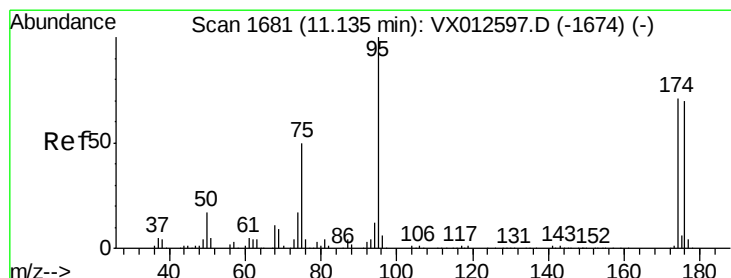
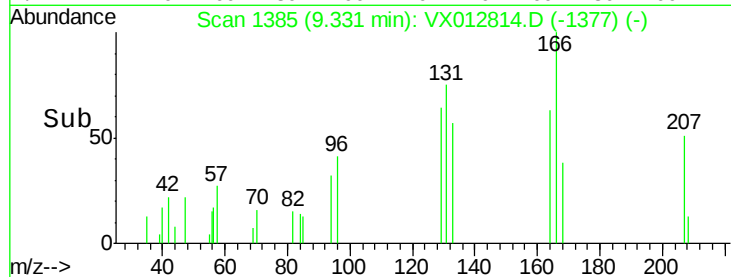
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.619 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

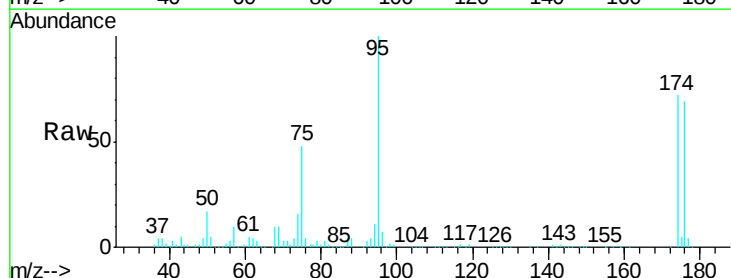
Tgt Ion: 95 Resp: 123081

Ion Ratio Lower Upper

95 100

174 69.6 0.0 140.0

176 67.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

120000

100000

80000

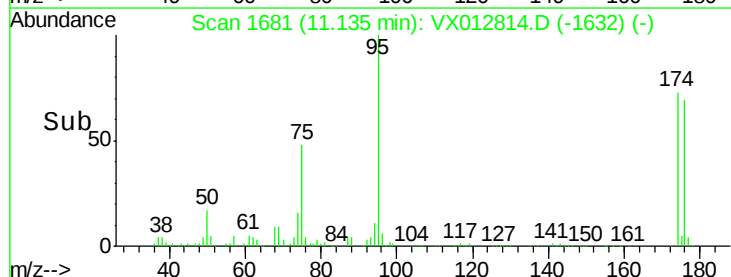
60000

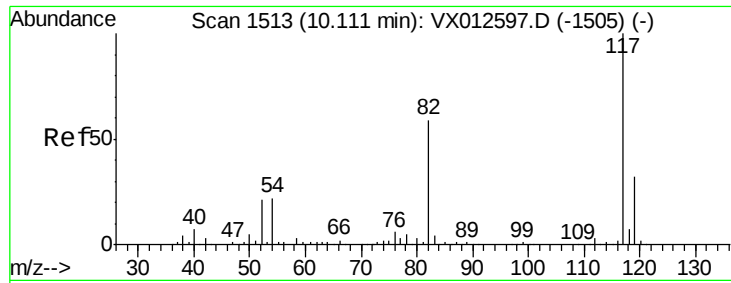
40000

20000

0

Time-->

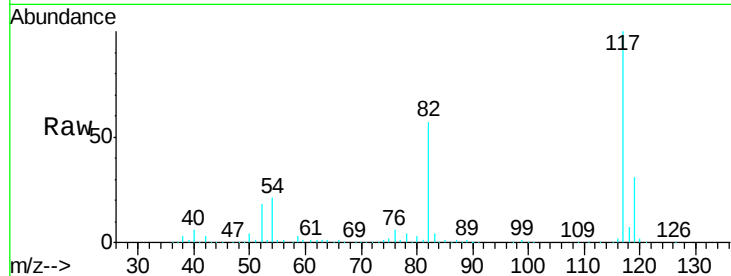




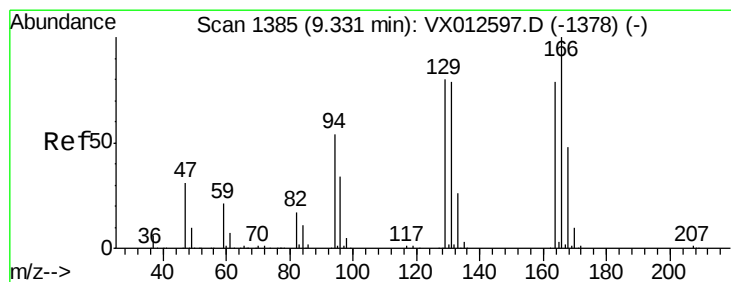
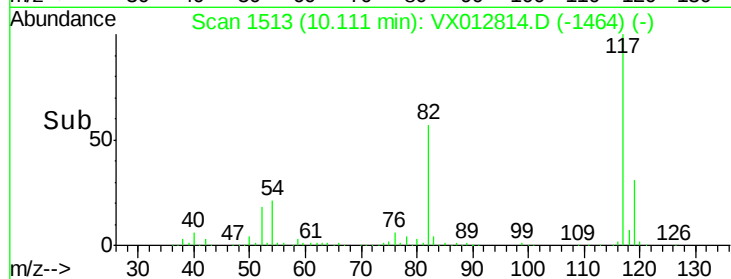
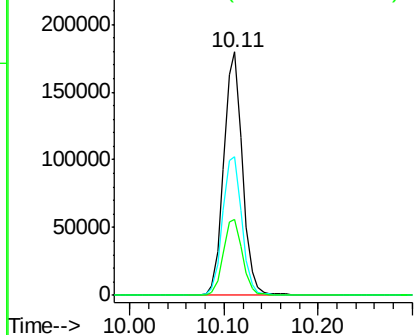
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:117 Resp: 246791
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.3 25.3 37.9



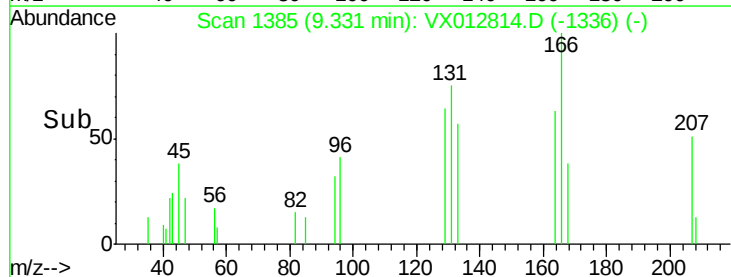
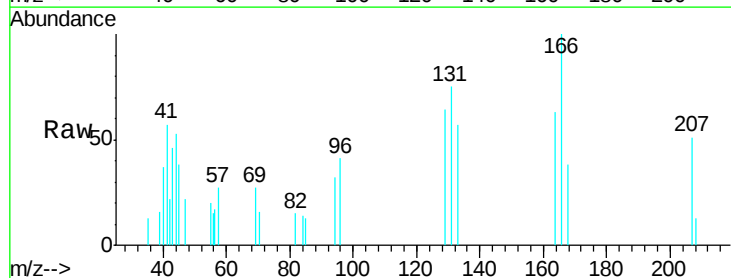
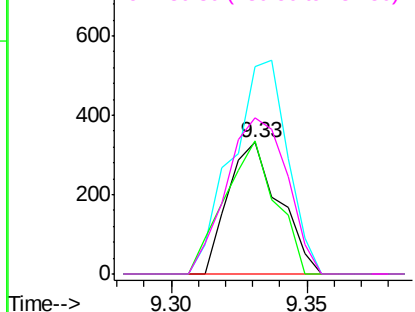
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

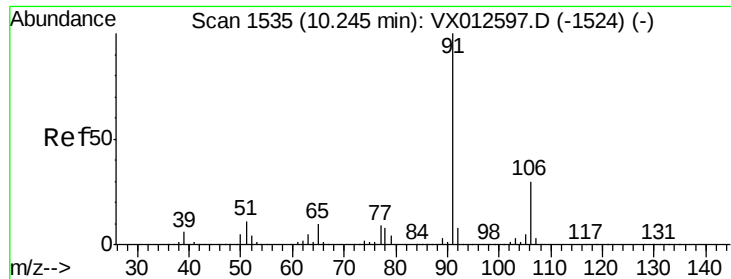


#64
Tetrachloroethene
Concen: 0.252 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:164 Resp: 433
Ion Ratio Lower Upper
164 100
166 157.5 107.8 161.6
129 101.2 86.2 129.2
131 118.4 80.4 120.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

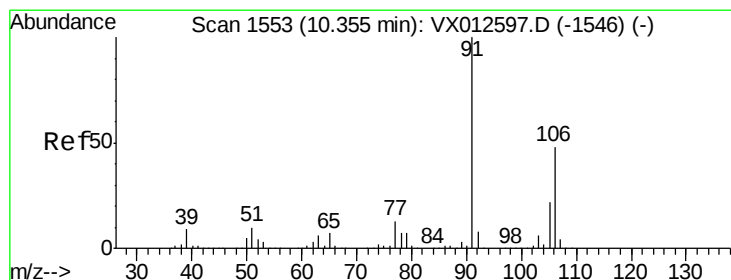
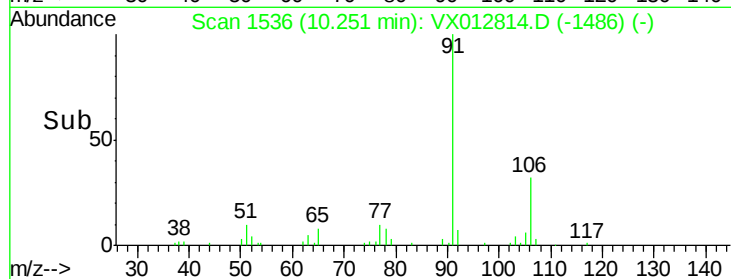
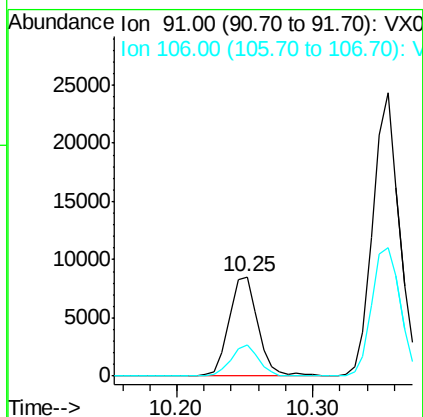
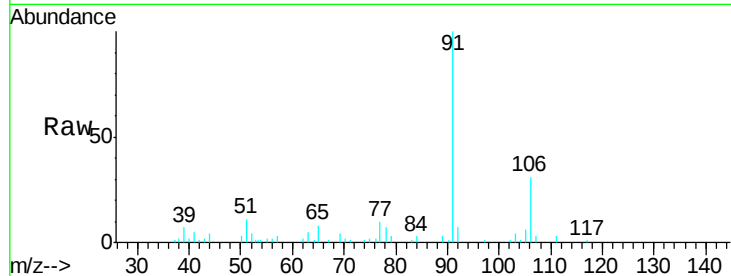




#67
Ethyl Benzene
Concen: 1.342 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

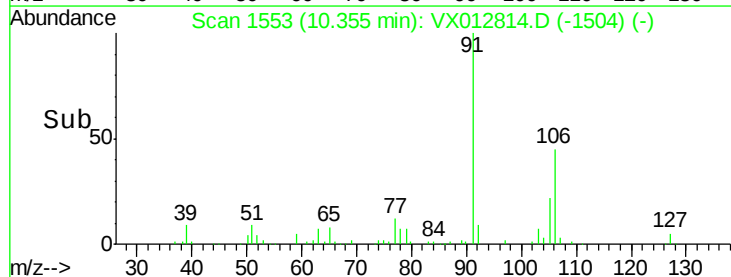
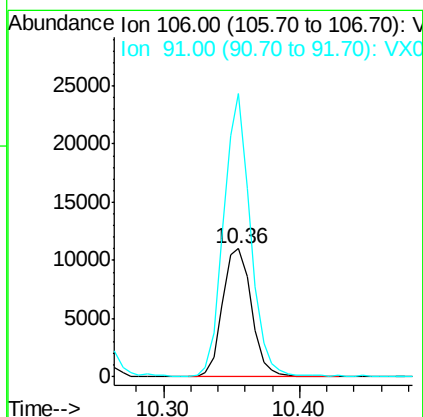
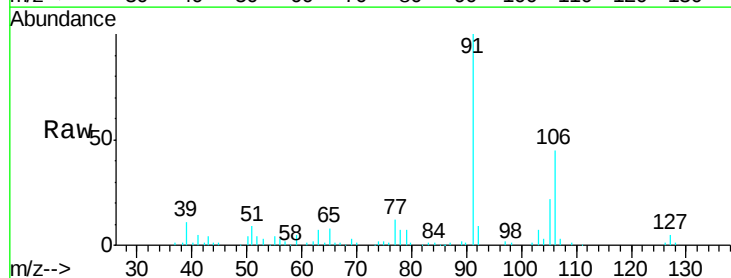
Instrument :
MSVOA_X
ClientSampled :
30440-30377

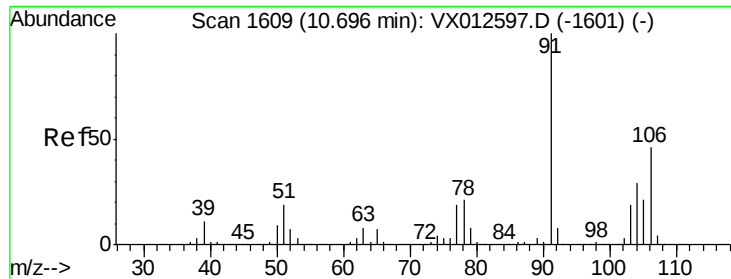
Tgt Ion: 91 Resp: 12651
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 4.616 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 106 Resp: 16300
Ion Ratio Lower Upper
106 100
91 205.5 166.6 250.0

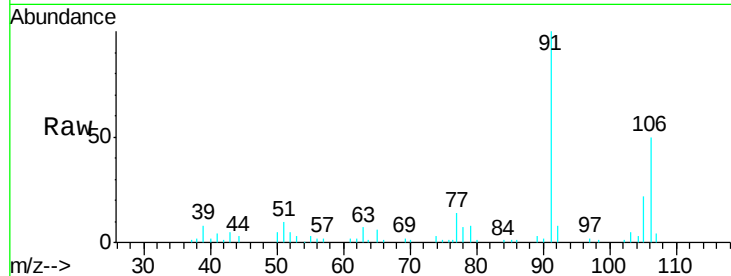




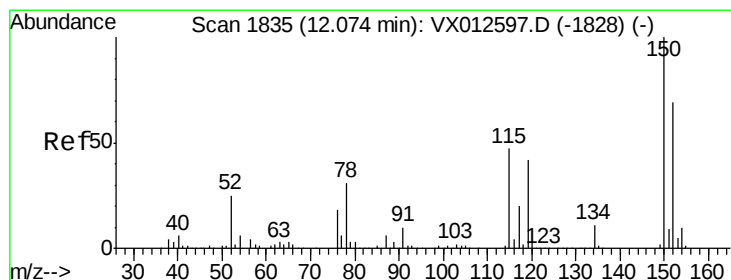
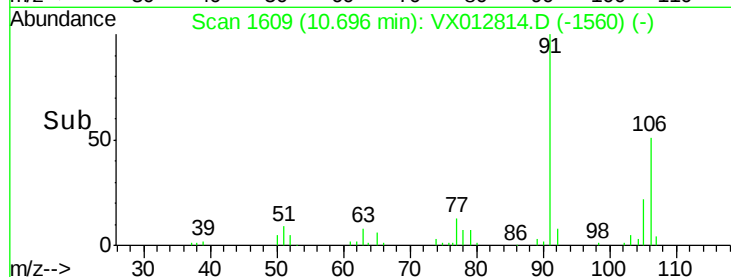
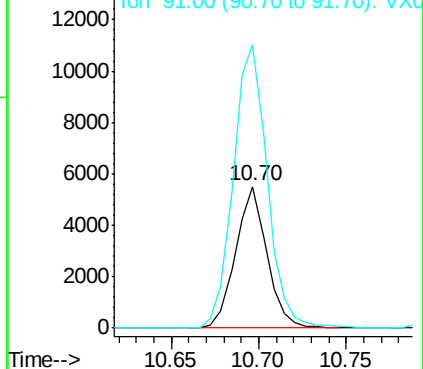
#69
o-Xylene
Concen: 2.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
30440-30377

Tgt Ion:106 Resp: 6846
Ion Ratio Lower Upper
106 100
91 217.9 109.4 328.2

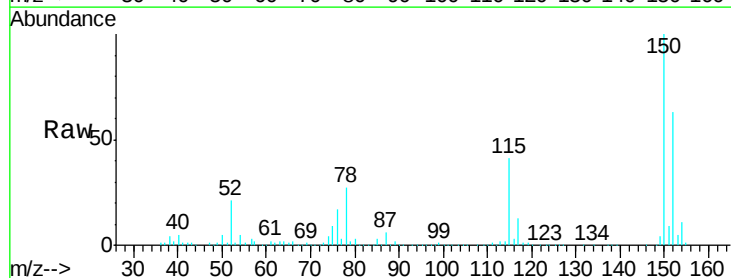


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

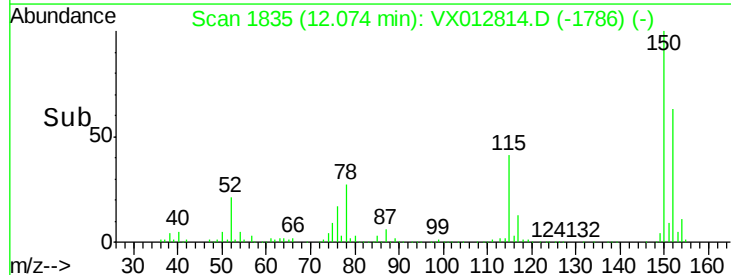
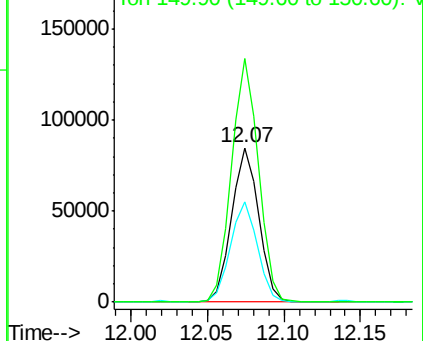


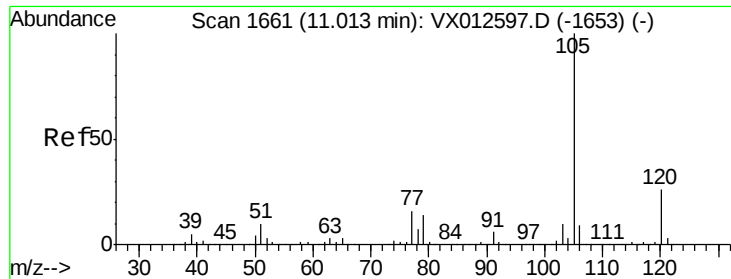
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012814.D
Acq: 04 Oct 2019 16:11

Tgt Ion:152 Resp: 104446
Ion Ratio Lower Upper
152 100
115 64.6 44.1 132.3
150 156.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.529 ug/l

RT: 11.02 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

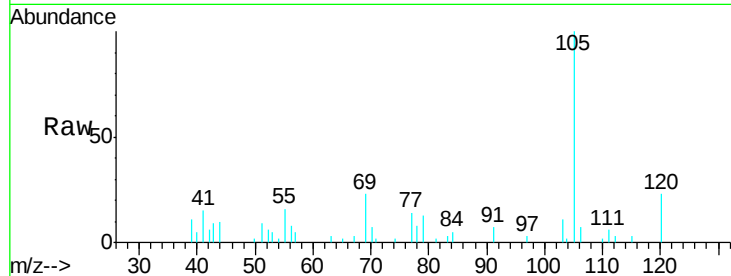
30440-30377

Tgt Ion: 105 Resp: 4504

Ion Ratio Lower Upper

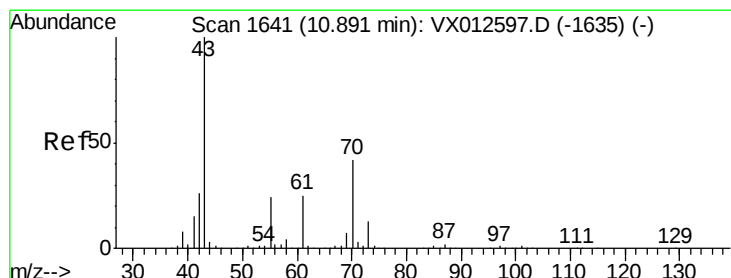
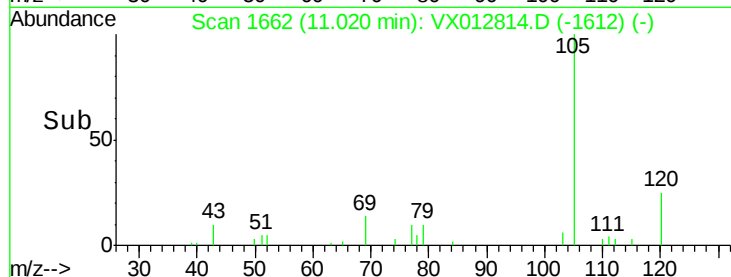
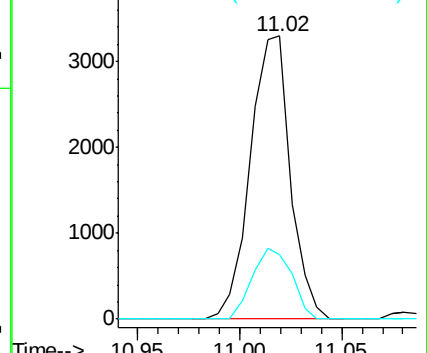
105 100

120 24.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.297 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Tgt Ion: 43 Resp: 1206

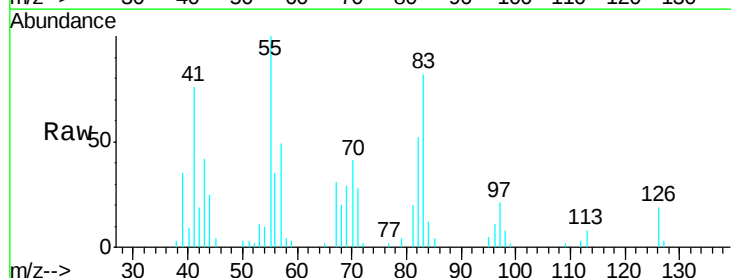
Ion Ratio Lower Upper

43 100

70 146.0 32.4 48.6#

55 606.4 18.2 27.4#

61 0.0 18.5 27.7#

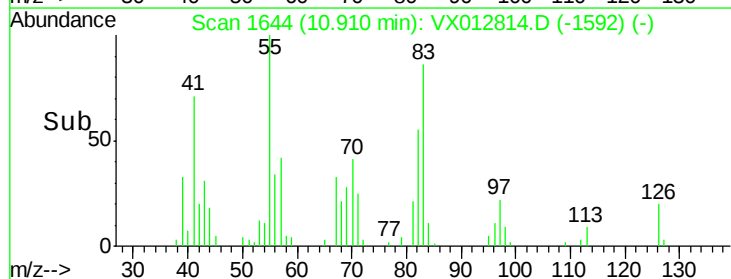
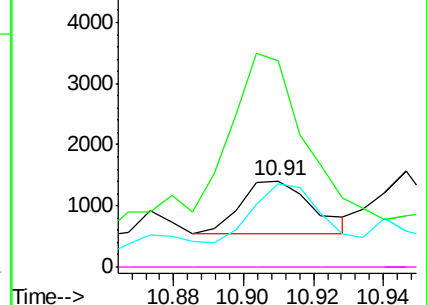


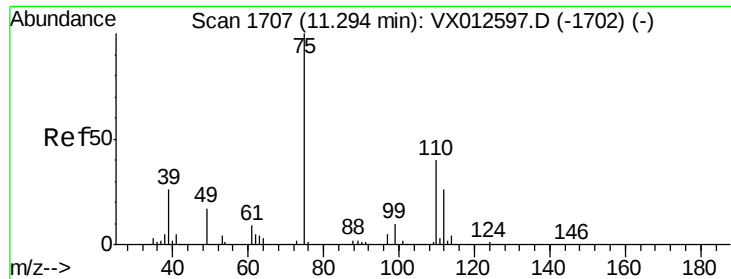
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

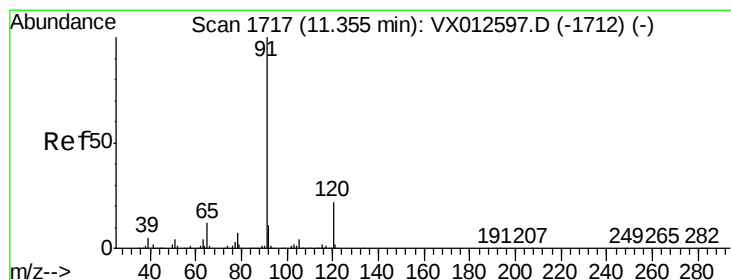
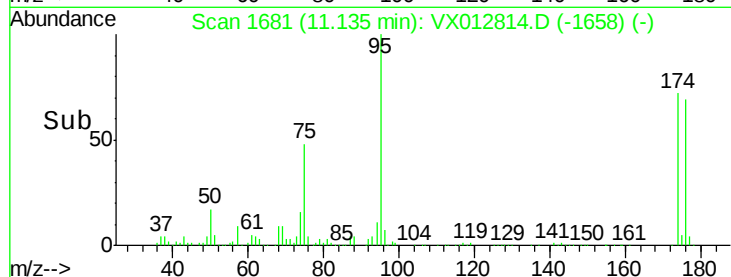
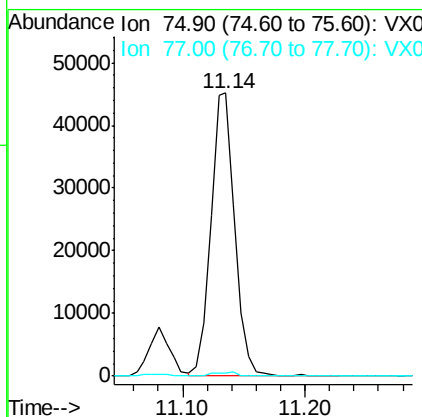
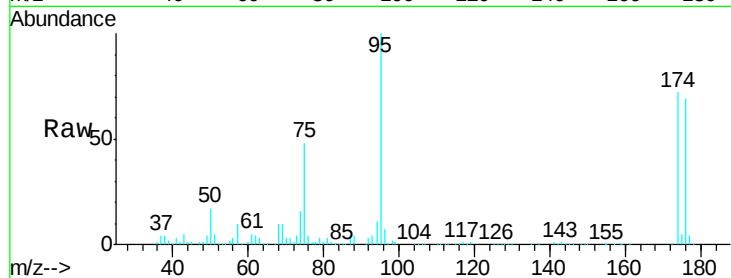




#76
 1,2,3-Trichloropropane
 Concen: 22.286 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

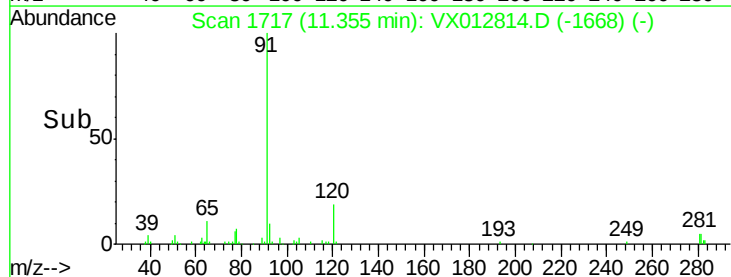
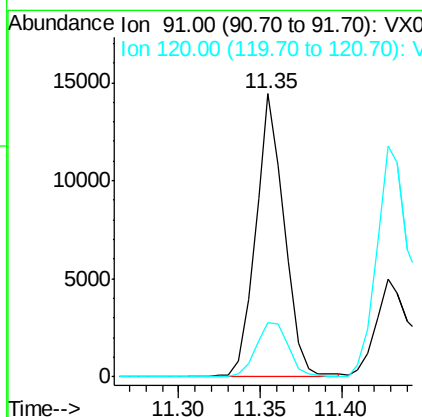
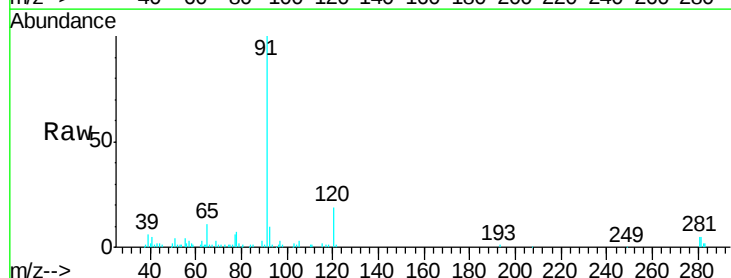
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

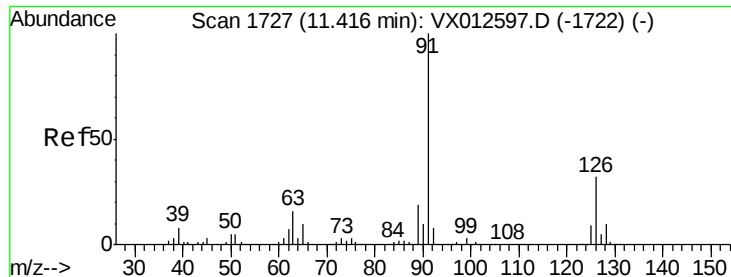
Tgt Ion: 75 Resp: 61574
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.7 59.0#



#78
 n-propylbenzene
 Concen: 1.825 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion: 91 Resp: 17481
 Ion Ratio Lower Upper
 91 100
 120 21.5 11.3 33.8

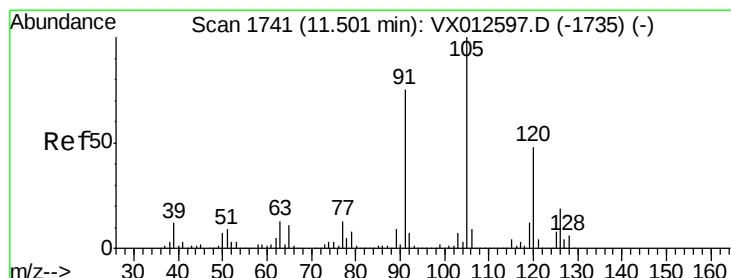
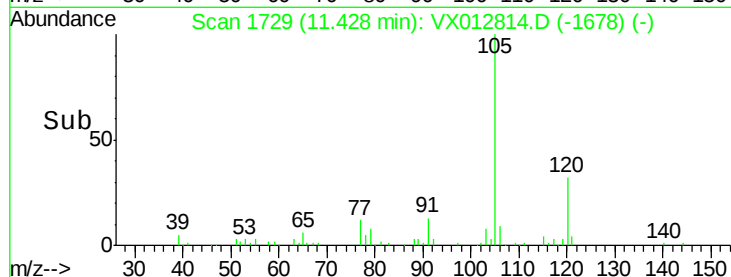
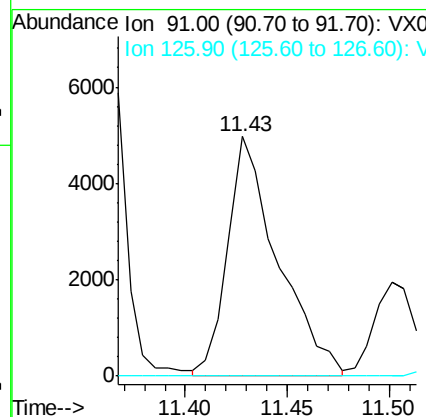
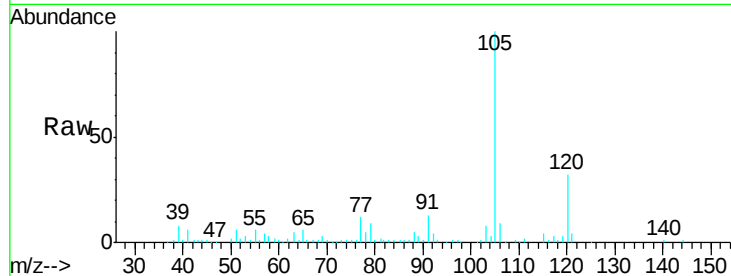




#79
 2-Chlorotoluene
 Concen: 1.421 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

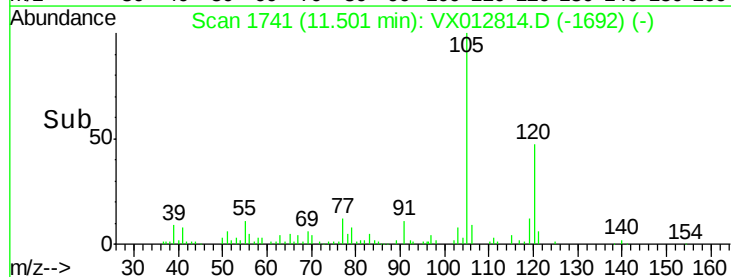
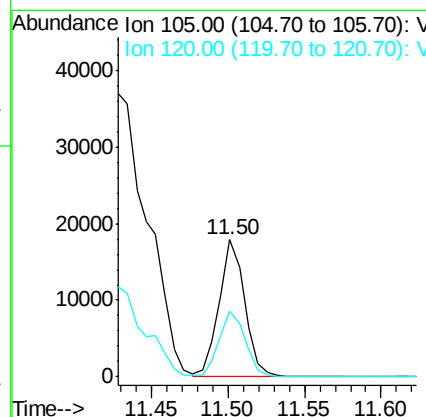
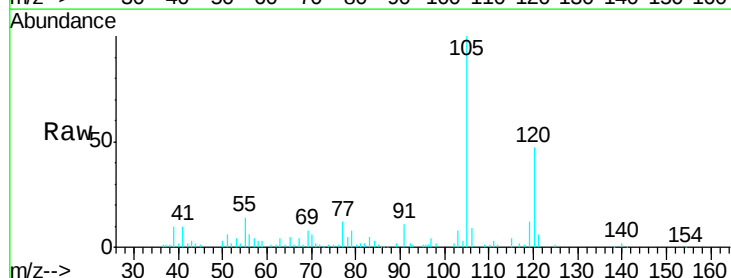
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

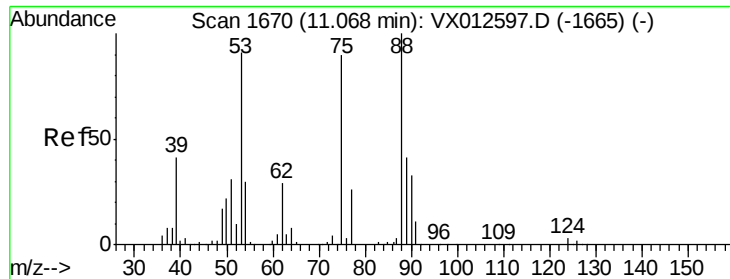
Tgt Ion: 91 Resp: 8488
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.939 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion: 105 Resp: 20966
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.659 ug/l

RT: 11.08 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

30440-30377

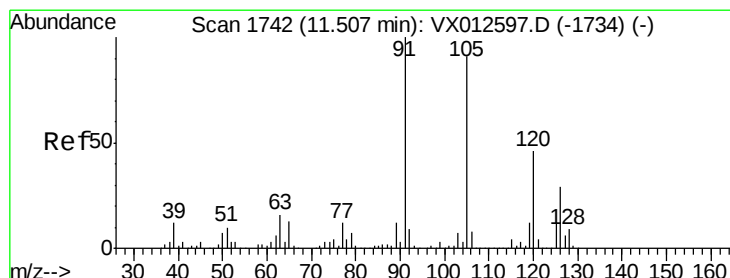
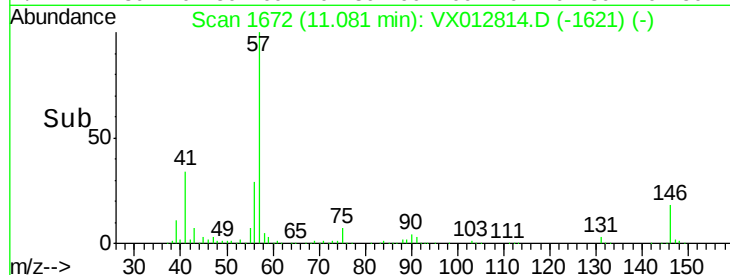
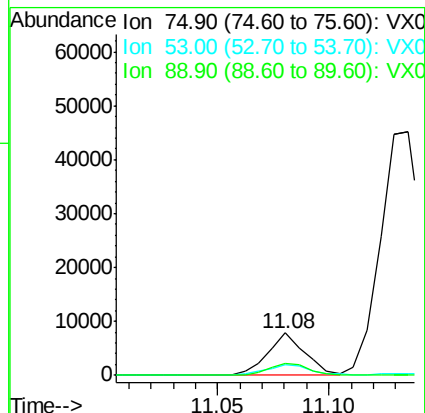
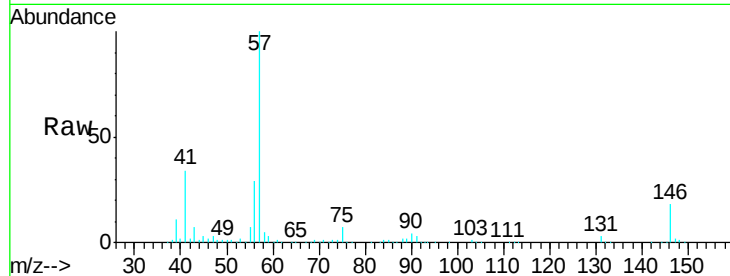
Tgt Ion: 75 Resp: 9312

Ion Ratio Lower Upper

75 100

53 30.6 83.6 125.4#

89 29.6 36.3 54.5#



#82

4-Chlorotoluene

Concen: 0.402 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX012814.D

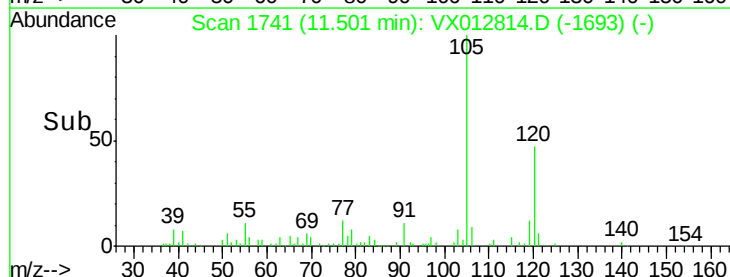
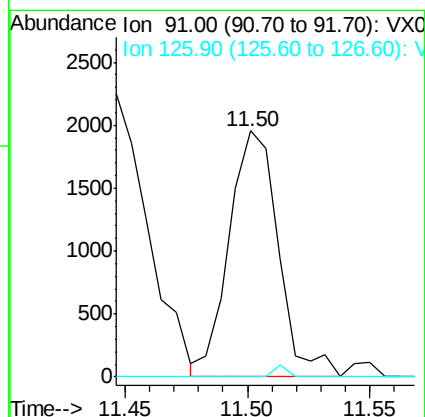
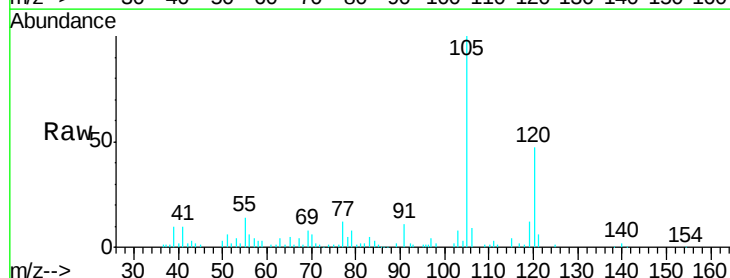
Acq: 04 Oct 2019 16:11

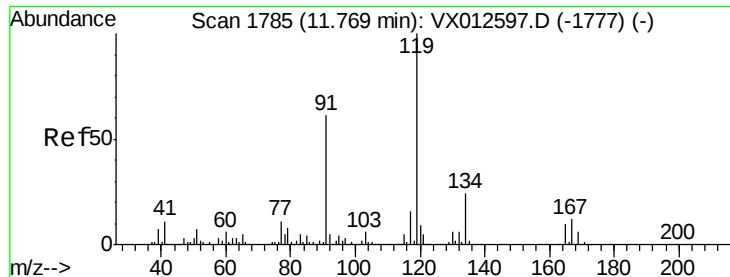
Tgt Ion: 91 Resp: 2737

Ion Ratio Lower Upper

91 100

126 1.3 14.4 43.0#

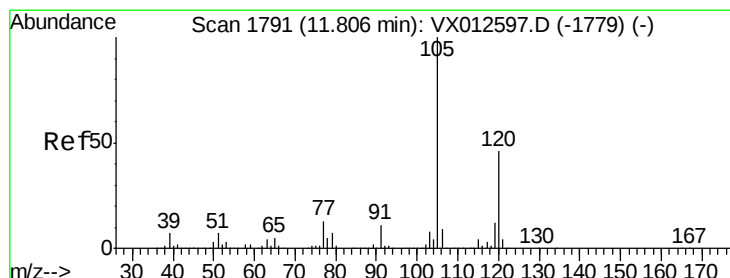
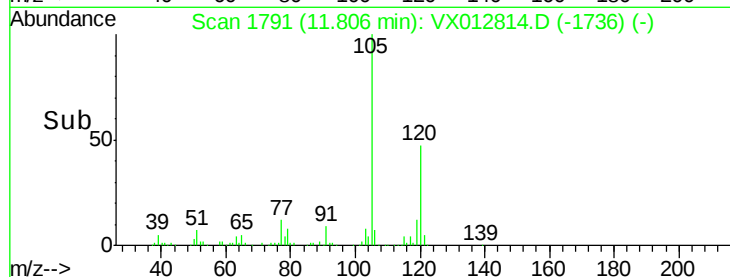
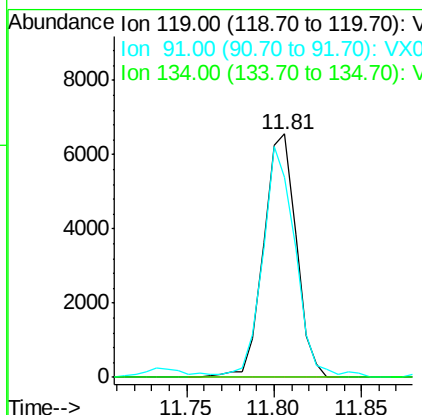
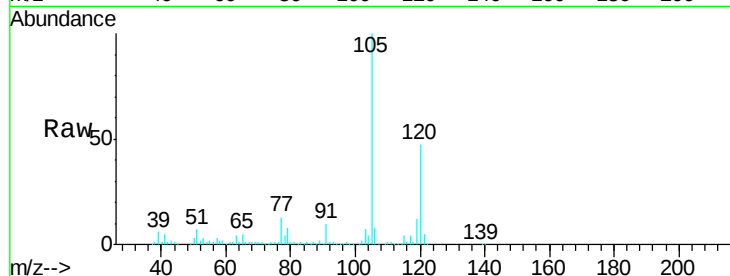




#83
 tert-Butylbenzene
 Concen: 1.235 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

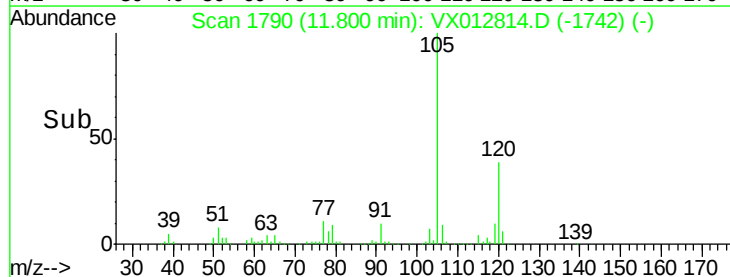
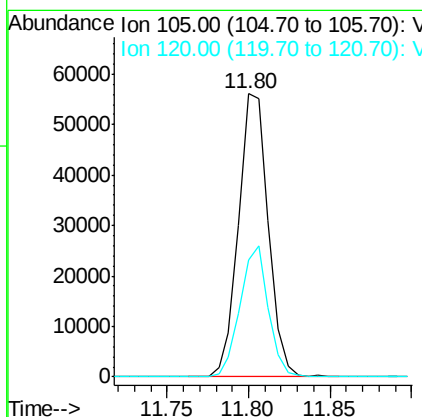
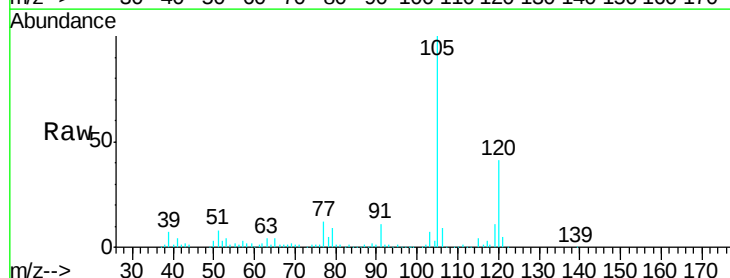
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

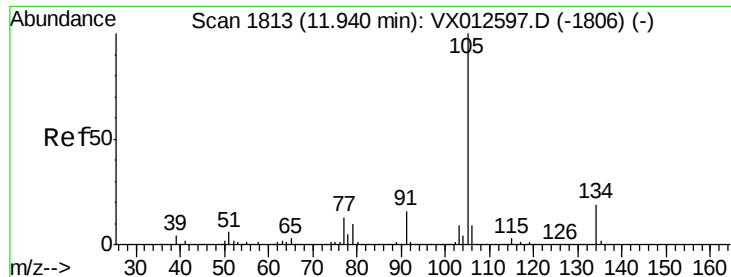
Tgt Ion:119 Resp: 8498
 Ion Ratio Lower Upper
 119 100
 91 95.2 30.0 90.0#
 134 0.0 11.3 33.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 9.948 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion:105 Resp: 71588
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.2 66.6

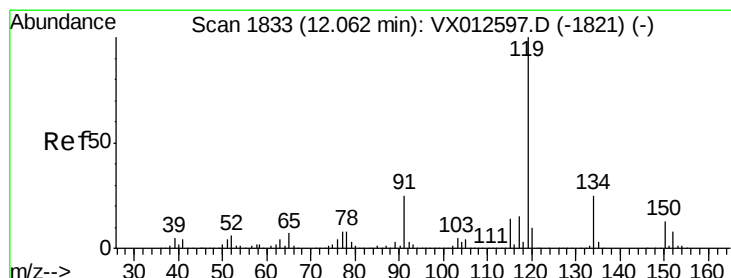
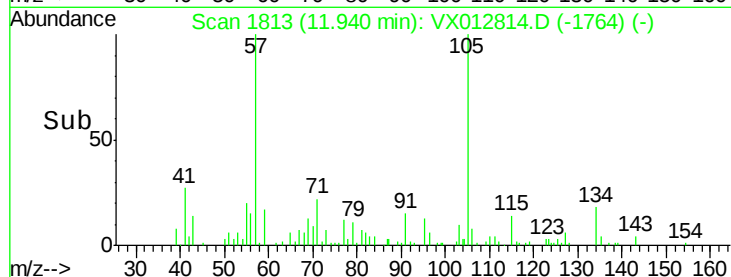
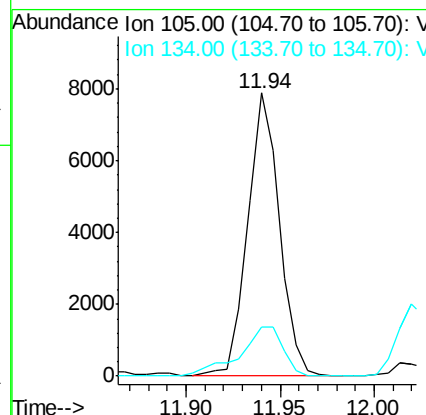
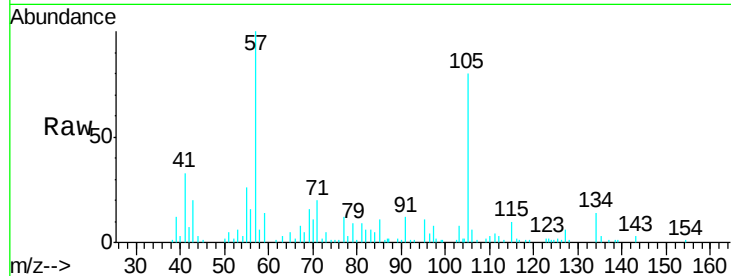




#85
 sec-Butylbenzene
 Concen: 1.154 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

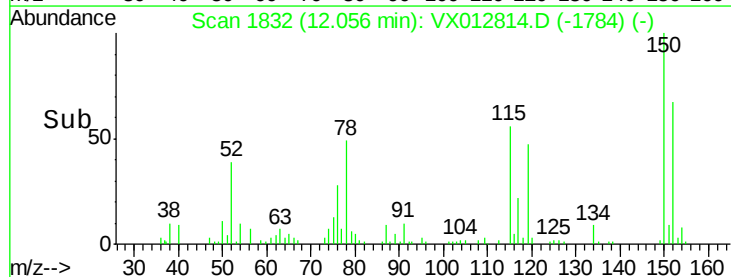
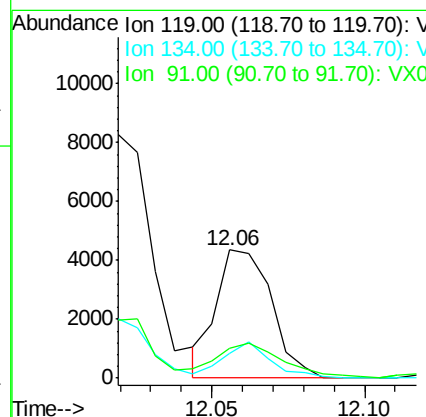
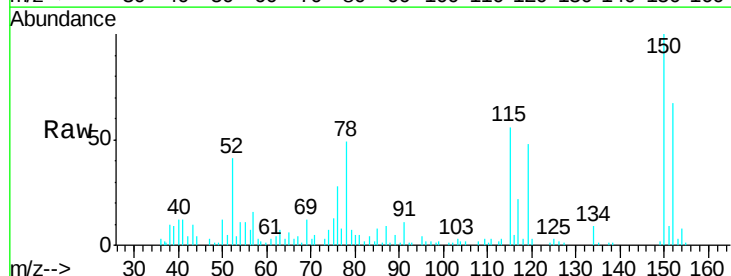
Instrument :
 MSVOA_X
 ClientSampleId :
 30440-30377

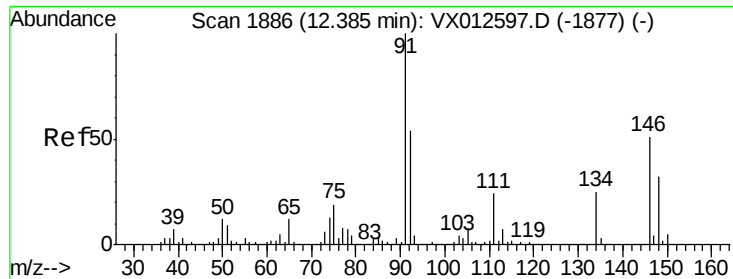
Tgt Ion:105 Resp: 9235
 Ion Ratio Lower Upper
 105 100
 134 23.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.750 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX012814.D
 Acq: 04 Oct 2019 16:11

Tgt Ion:119 Resp: 5416
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.1
 91 35.0 12.8 38.4





#89

n-Butylbenzene

Concen: 2.841 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampled :

30440-30377

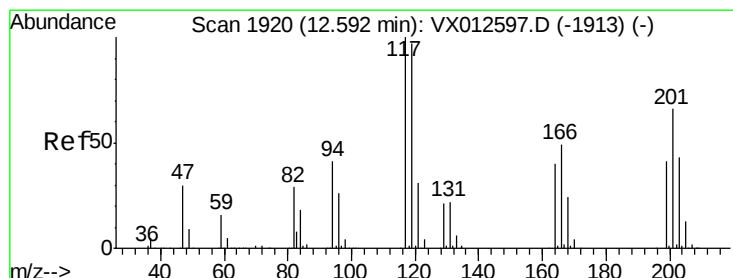
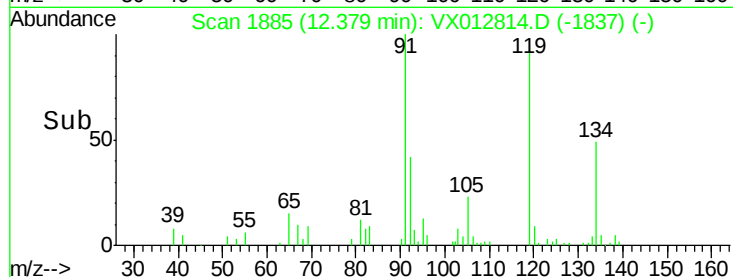
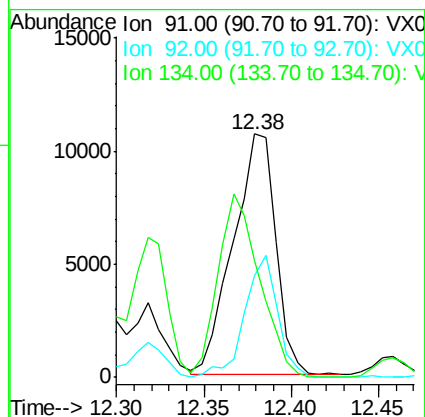
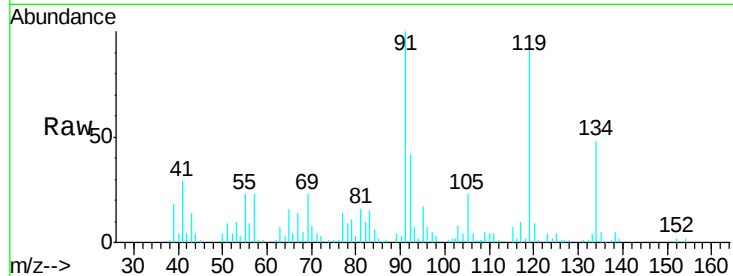
Tgt Ion: 91 Resp: 18081

Ion Ratio Lower Upper

91 100

92 39.2 27.7 83.0

134 74.0 12.9 38.6#



#90

Hexachloroethane

Concen: 1.336 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX012814.D

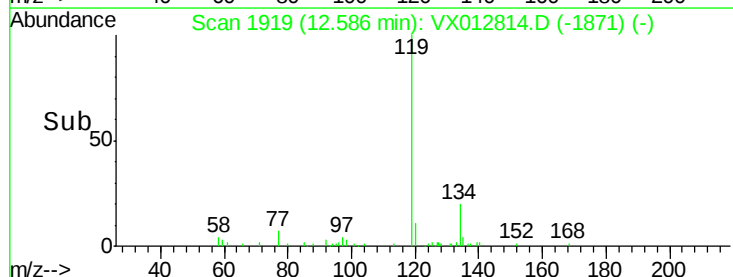
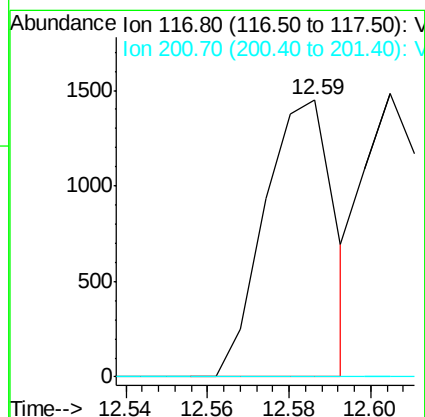
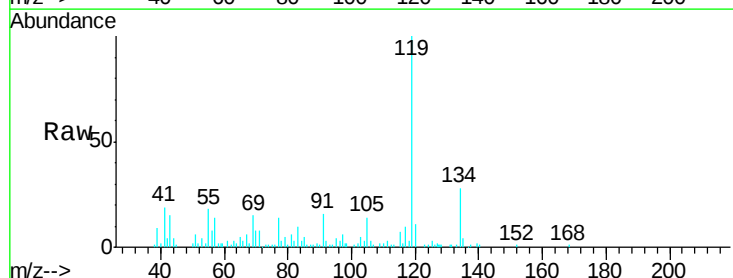
Acq: 04 Oct 2019 16:11

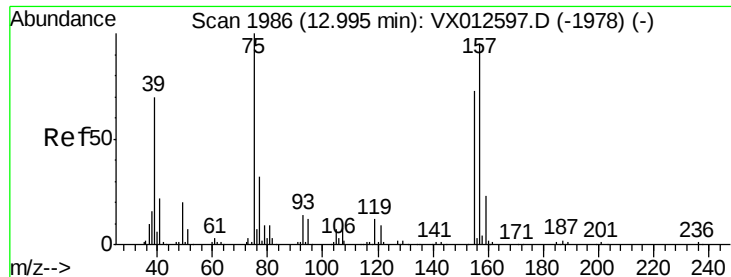
Tgt Ion: 117 Resp: 1720

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.611 ug/l

RT: 13.04 min Scan# 1994

Delta R.T. 0.05 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampled :

30440-30377

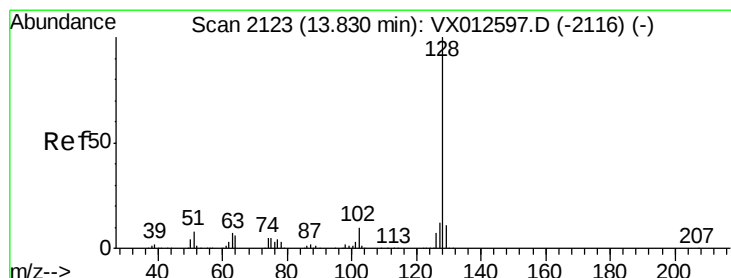
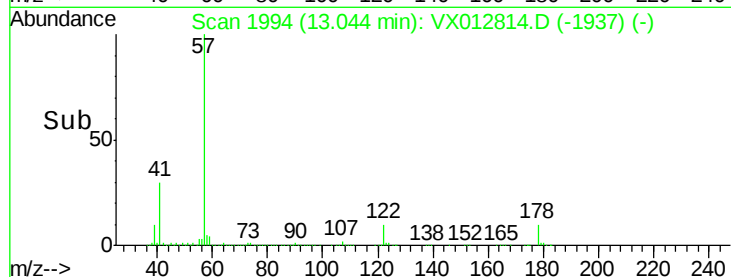
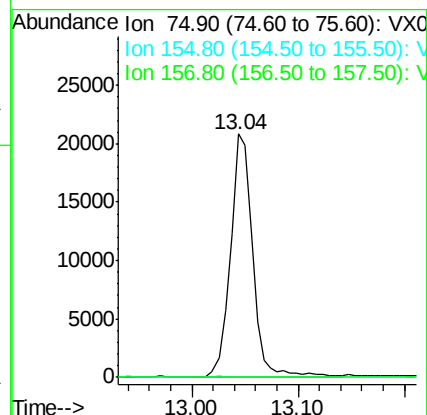
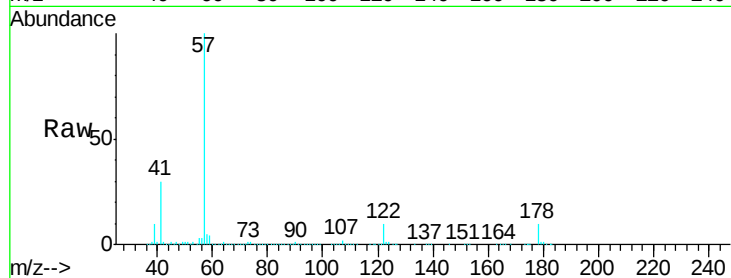
Tgt Ion: 75 Resp: 30735

Ion Ratio Lower Upper

75 100

155 0.2 38.6 115.8#

157 0.0 50.6 151.9#



#95

Naphthalene

Concen: 3.769 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012814.D

Acq: 04 Oct 2019 16:11

Tgt Ion: 128 Resp: 28844

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 13.9 8.8 13.2#

