

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010279.D
 Acq On : 13 Jun 2019 17:46
 Operator : JC/SP
 Sample : K3341-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	341718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	515620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219526	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	152831	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
35) Dibromofluoromethane	5.50	113	154957	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	8.71	98	607171	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	205863	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1202	0.385	ug/l #	57
4) Vinyl Chloride	1.41	62	1309	0.446	ug/l #	1
5) Bromomethane	1.65	94	647	0.584	ug/l #	54
6) Chloroethane	1.62	64	1964	1.327	ug/l #	44
10) Methyl Iodide	2.51	142	1054	0.226	ug/l #	92
11) Tert butyl alcohol	3.04	59	10892	13.330	ug/l	99
13) Acrolein	2.27	56	892	5.987	ug/l #	1
14) Allyl chloride	2.78	41	999	0.216	ug/l #	30
16) Acetone	2.44	43	5095	3.248	ug/l	98
17) Carbon Disulfide	2.57	76	3395	0.383	ug/l #	93
18) Methyl Acetate	2.78	43	811	0.235	ug/l #	63
19) Methyl tert-butyl Ether	3.20	73	10575	1.072	ug/l #	39
22) Diisopropyl ether	3.86	45	12945	1.461	ug/l #	61
23) Vinyl Acetate	3.85	43	6023	0.762	ug/l #	77
25) 2-Butanone	4.71	43	1449	0.620	ug/l #	73
29) Tetrahydrofuran	5.15	42	539	0.367	ug/l #	80
31) Cyclohexane	5.58	56	13570	2.796	ug/l	90
36) 1,1-Dichloropropene	5.66	75	19994	4.753	ug/l #	52
38) Carbon Tetrachloride	5.66	117	28770	6.042	ug/l #	15
39) Methylcyclohexane	7.47	83	3452	0.603	ug/l	91
40) Benzene	6.15	78	240695	18.504	ug/l	99
42) 1,2-Dichloroethane	6.20	62	2741	0.660	ug/l #	65
49) 1,4-Dioxane	7.74	88	1787	18.313	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	1240	0.284	ug/l #	44
52) Toluene	8.78	92	35218	4.119	ug/l	98
65) Chlorobenzene	10.13	112	3627	0.382	ug/l	100
67) Ethyl Benzene	10.25	91	240152	14.852	ug/l	96
68) m/p-Xylenes	10.36	106	111490	17.818	ug/l	89
69) o-Xylene	10.69	106	43494	6.993	ug/l	88
70) Styrene	10.70	104	2406	0.228	ug/l #	1
73) Isopropylbenzene	11.02	105	22918	1.496	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	95371	21.720	ug/l #	34
78) n-propylbenzene	11.36	91	20313	1.191	ug/l	94
79) 2-Chlorotoluene	11.43	91	9939	0.970	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

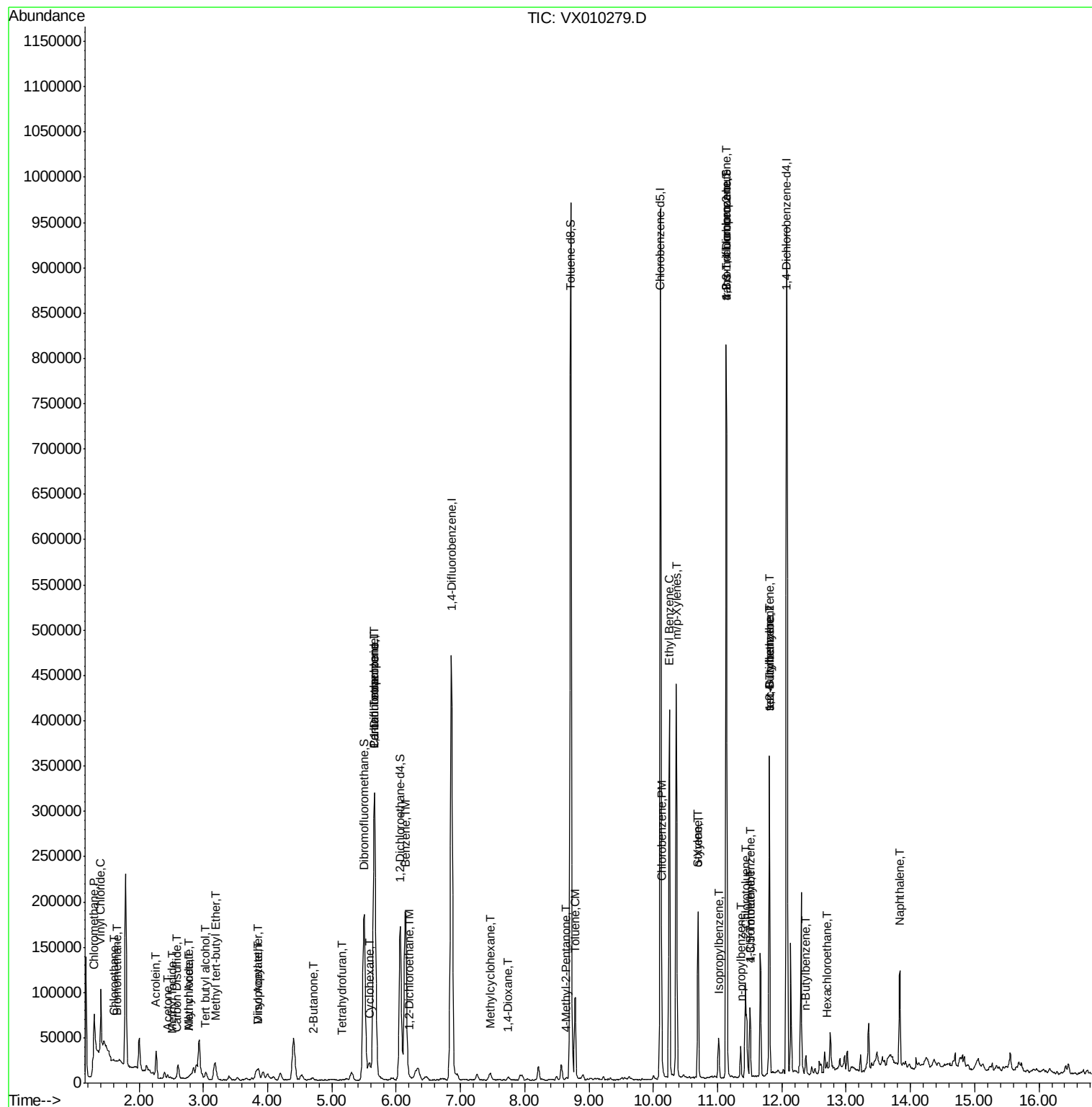
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	32644	2.529	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	95371	47.989	ug/l #	10
82) 4-Chlorotoluene	11.51	91	4056	0.348	ug/l #	52
83) tert-Butylbenzene	11.80	119	20075	1.537	ug/l #	71
84) 1,2,4-Trimethylbenzene	11.80	105	149971	11.503	ug/l	93
85) sec-Butylbenzene	11.80	105	149914	9.850	ug/l #	57
89) n-Butylbenzene	12.37	91	2532	0.211	ug/l #	9
90) Hexachloroethane	12.70	117	2930	1.057	ug/l #	12
95) Naphthalene	13.83	128	70624	4.247	ug/l	99

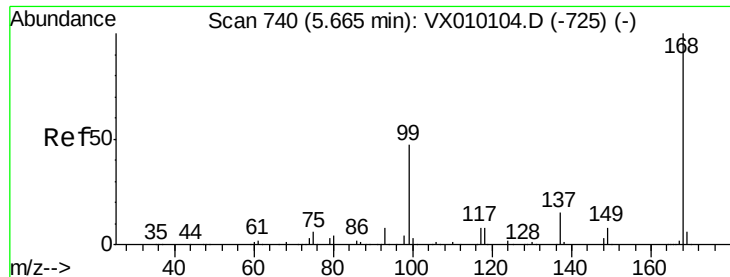
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

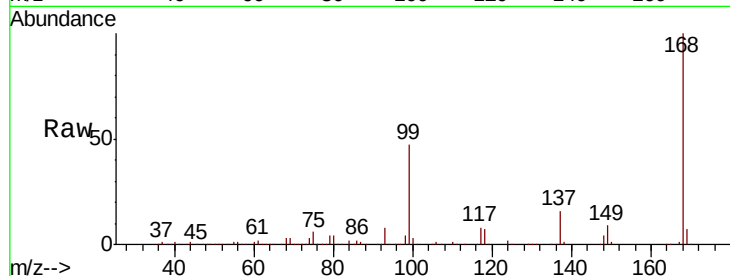
ClientSampleId :

Tot Ion:168 Resp: 341718

Ion Ratio Lower Upper

168 100

99 46.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

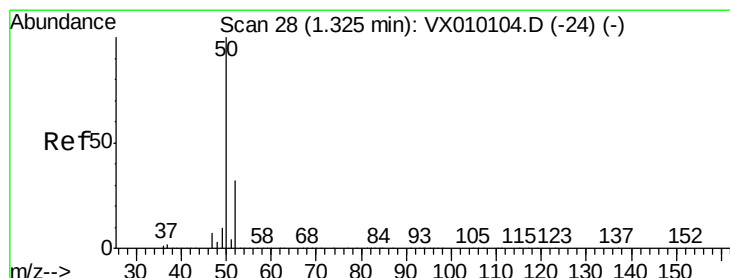
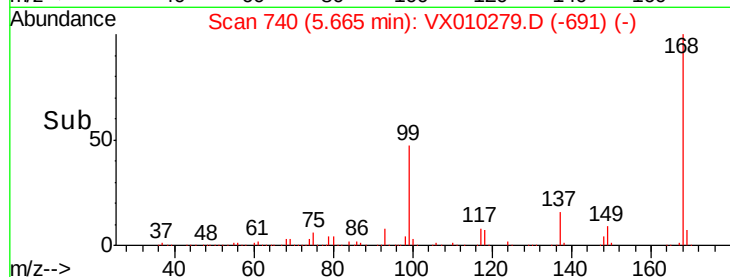
5.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.385 ug/l

RT: 1.31 min Scan# 25

Delta R.T. -0.02 min

Lab File: VX010279.D

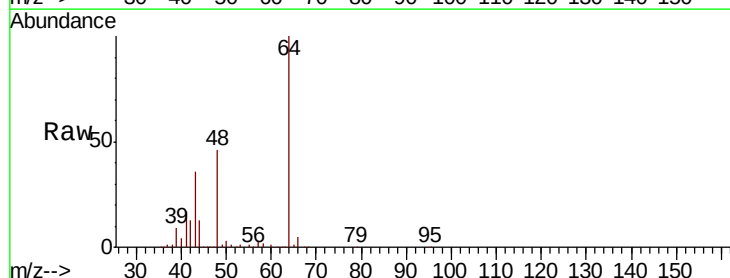
Acq: 13 Jun 2019 17:46

Tgt Ion: 50 Resp: 1202

Ion Ratio Lower Upper

50 100

52 8.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

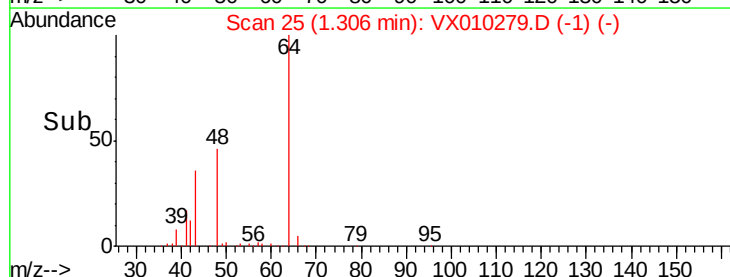
600

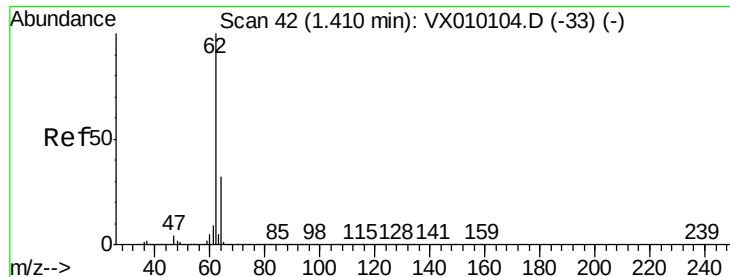
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.446 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

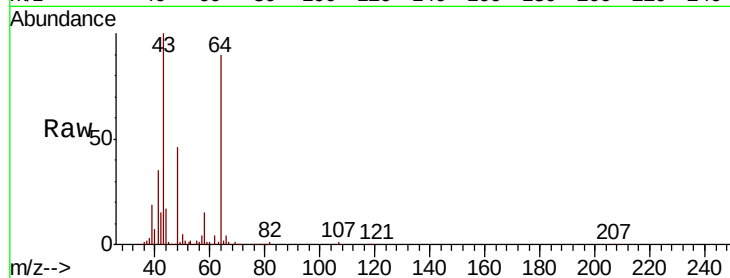
ClientSampleId :

Tot Ion: 62 Resp: 1309

Ion Ratio Lower Upper

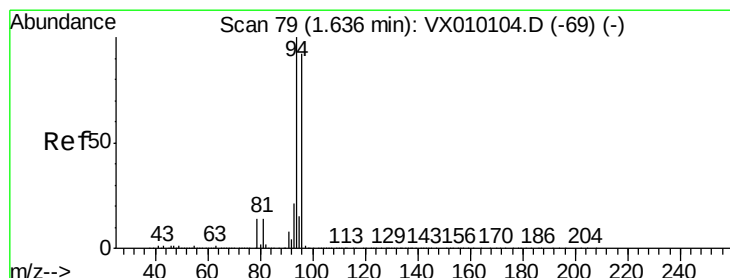
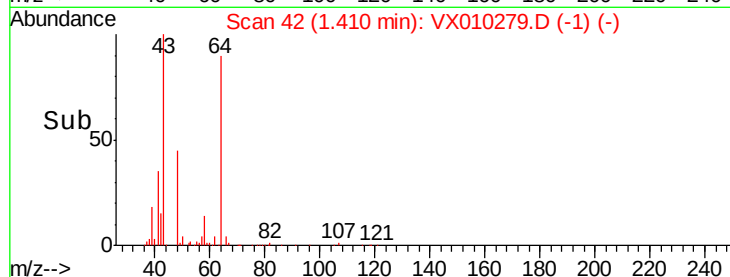
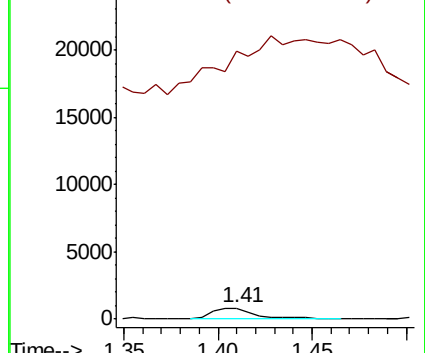
62 100

64 275.1 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.584 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010279.D

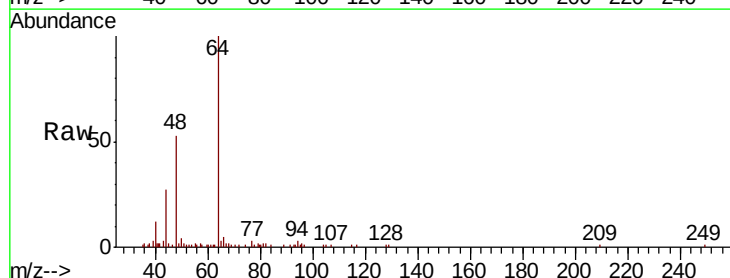
Acq: 13 Jun 2019 17:46

Tgt Ion: 94 Resp: 647

Ion Ratio Lower Upper

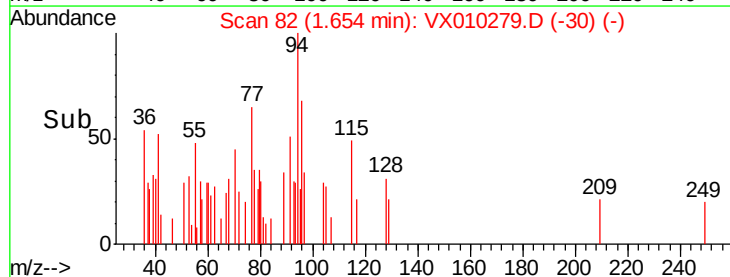
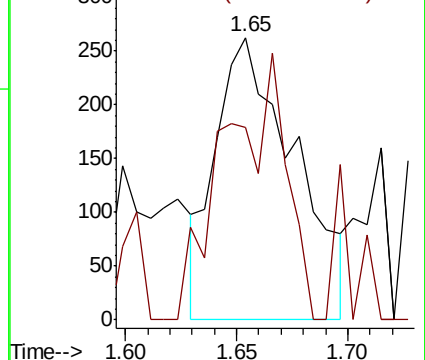
94 100

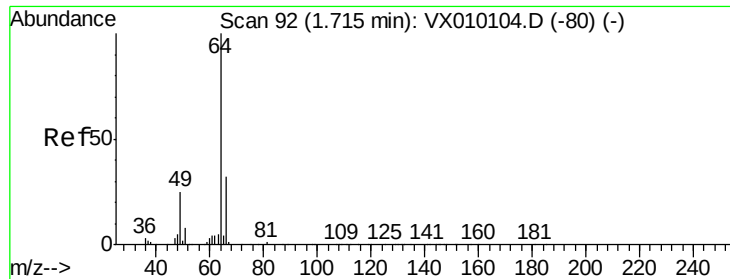
96 50.8 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.327 ug/l

RT: 1.62 min Scan# 76

Delta R.T. -0.10 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

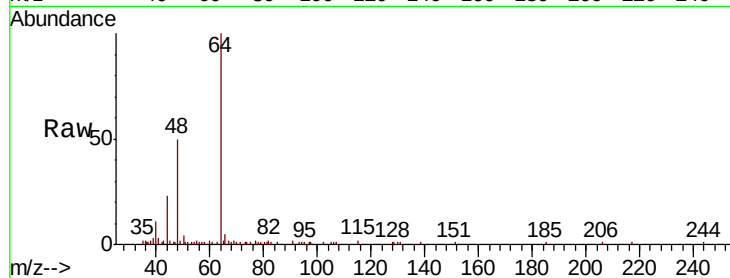
ClientSampled :

Tot Ion: 64 Resp: 1964

Ion Ratio Lower Upper

64 100

66 0.2 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.62

10000

8000

6000

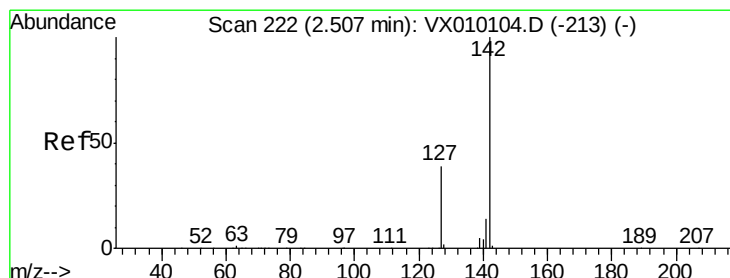
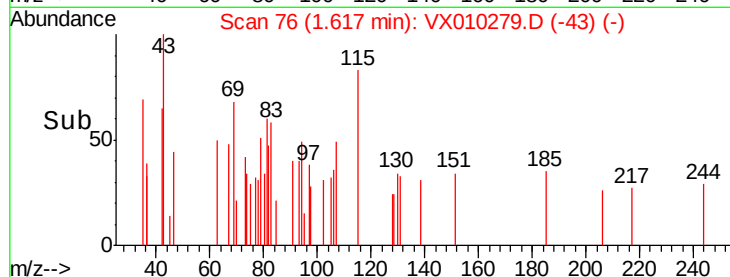
4000

2000

0

Time-->

1.60 1.61 1.62 1.63 1.64



#10

Methyl Iodide

Concen: 0.226 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

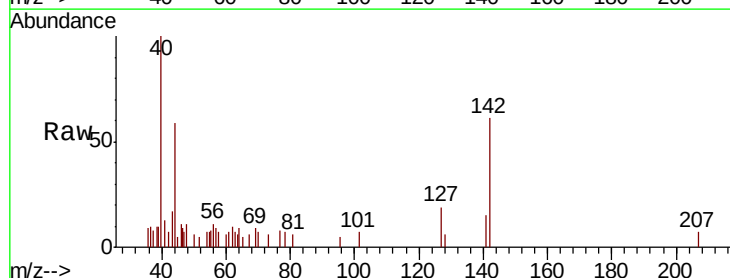
Tgt Ion: 142 Resp: 1054

Ion Ratio Lower Upper

142 100

127 39.3 33.0 49.4

141 22.6 11.4 17.0#



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

800

600

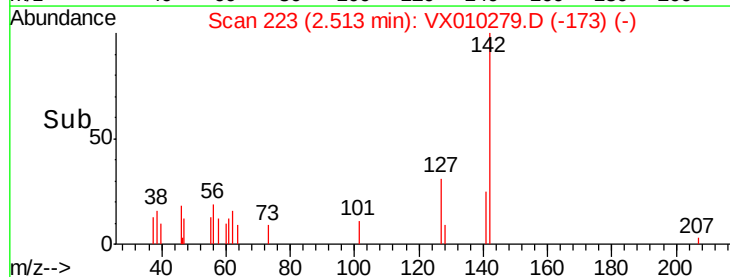
400

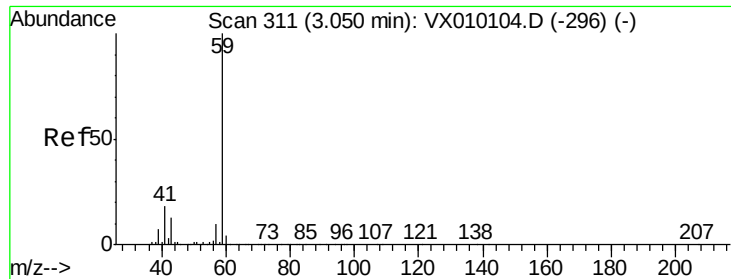
200

0

Time-->

2.45 2.50 2.55 2.60

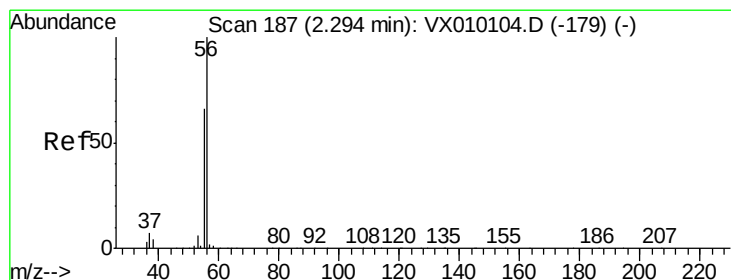
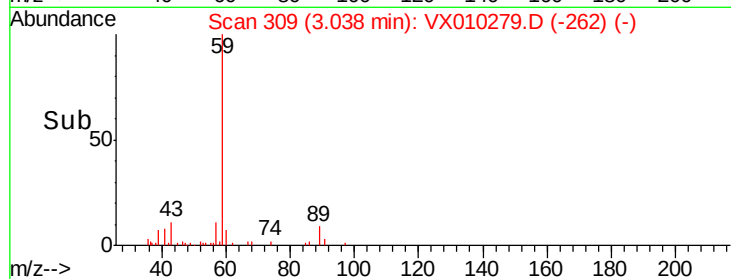
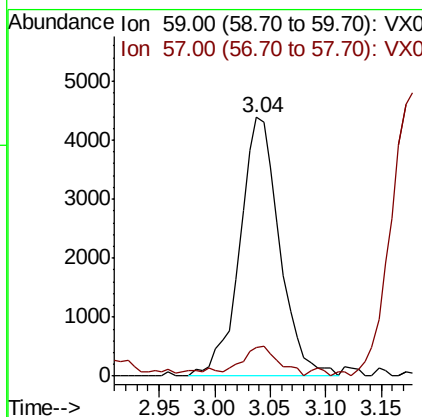
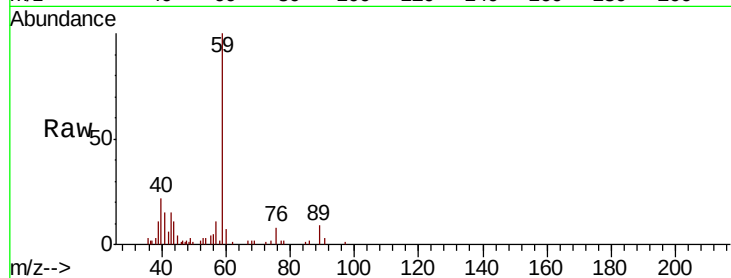




#11
Tert butyl alcohol
Concen: 13.330 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

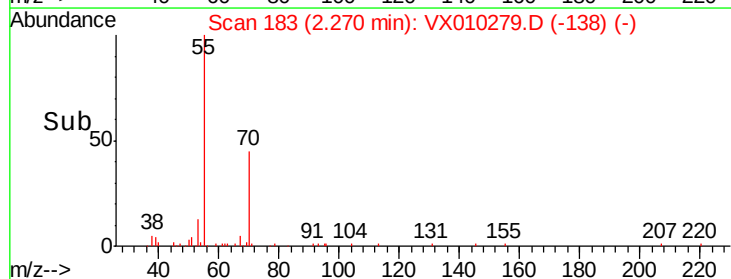
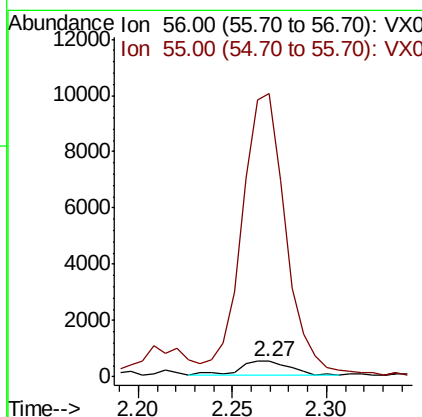
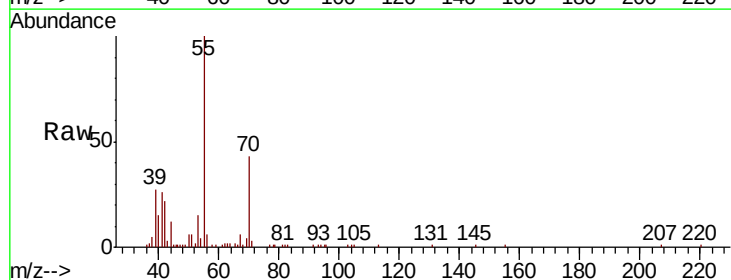
Instrument :
MSVOA_X
ClientSampled :

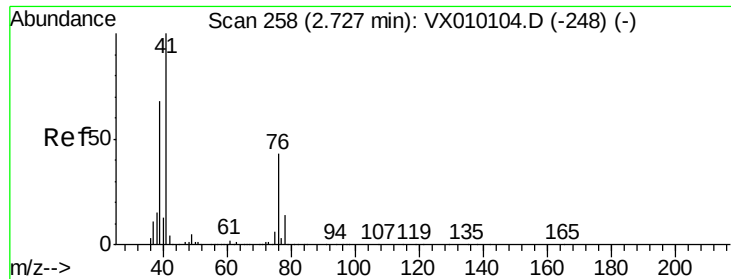
Tot Ion: 59 Resp: 10892
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#13
Acrolein
Concen: 5.987 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 56 Resp: 892
Ion Ratio Lower Upper
56 100
55 1813.7 57.0 85.4#

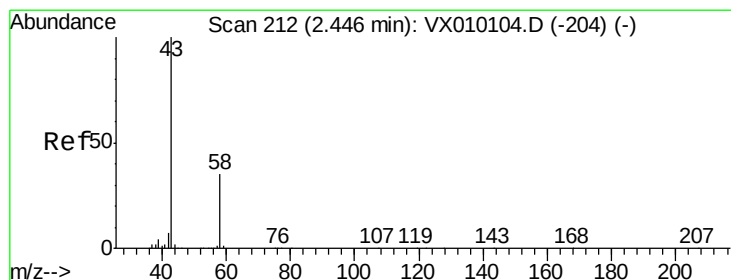
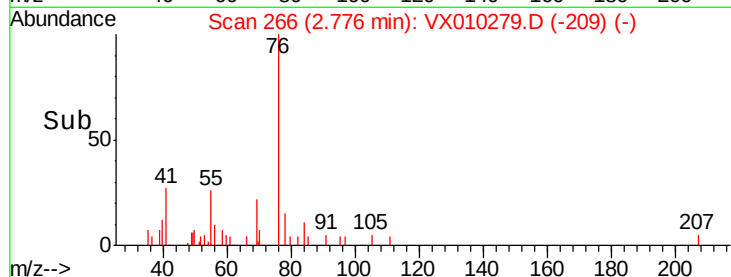
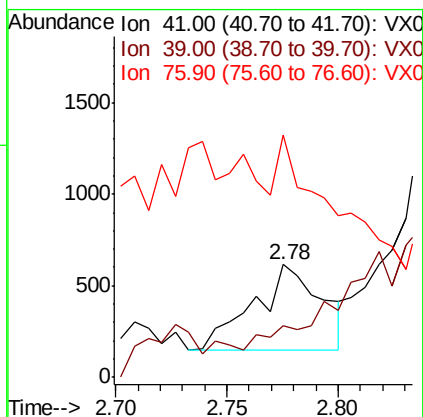
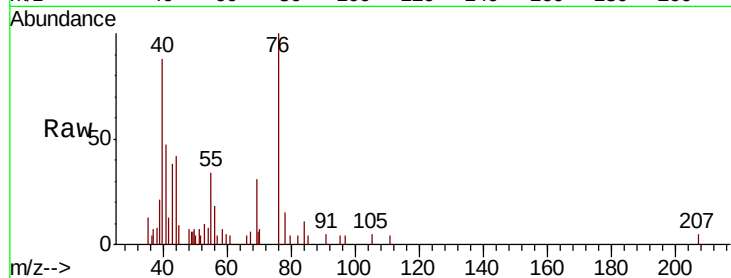




#14
Allvl chloride
Concen: 0.216 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.05 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

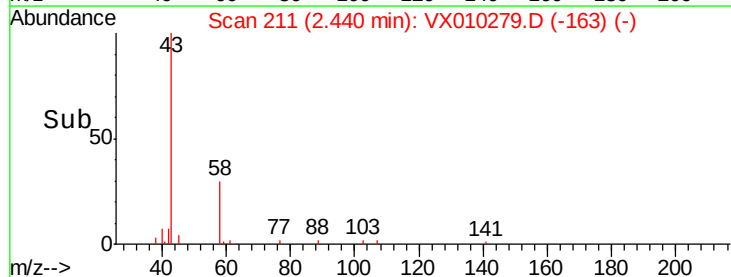
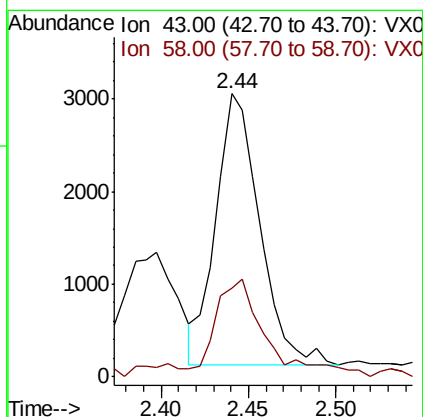
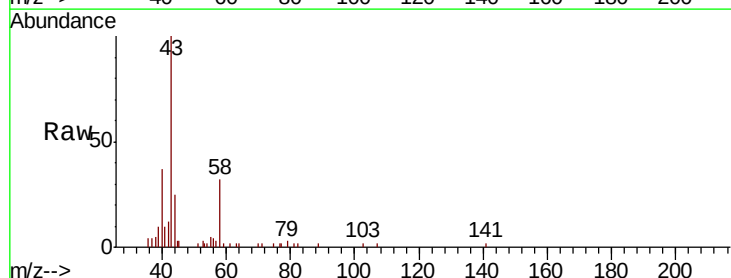
Instrument :
MSVOA_X
ClientSampleId :

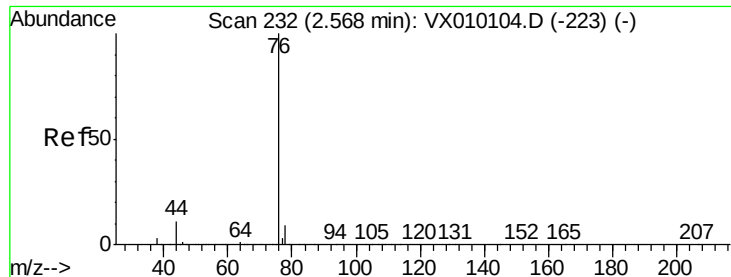
Tot Ion: 41 Resp: 999
Ion Ratio Lower Upper
41 100
39 0.0 46.7 70.1#
76 0.0 21.0 31.4#



#16
Acetone
Concen: 3.248 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 43 Resp: 5095
Ion Ratio Lower Upper
43 100
58 30.2 23.2 34.8





#17

Carbon Disulfide

Concen: 0.383 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

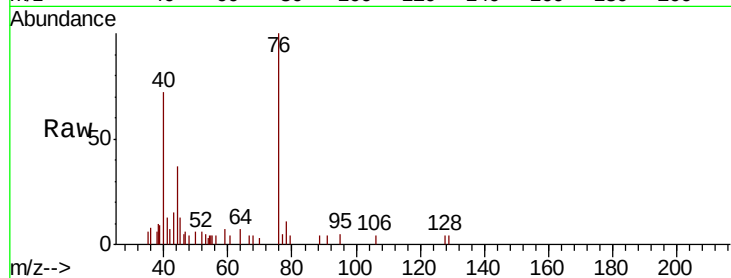
ClientSampleId :

Tot Ion: 76 Resp: 3395

Ion Ratio Lower Upper

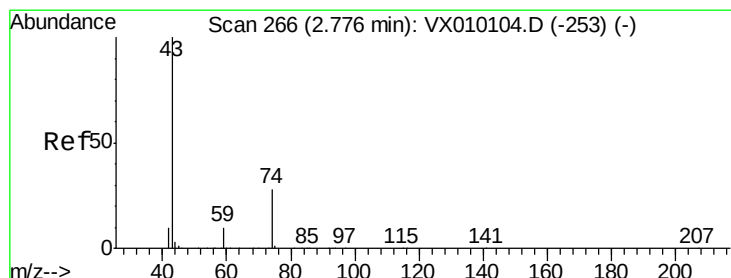
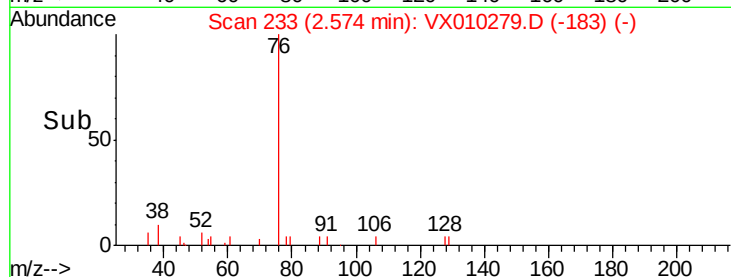
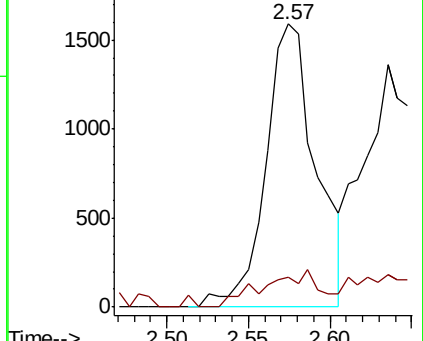
76 100

78 6.2 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.235 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010279.D

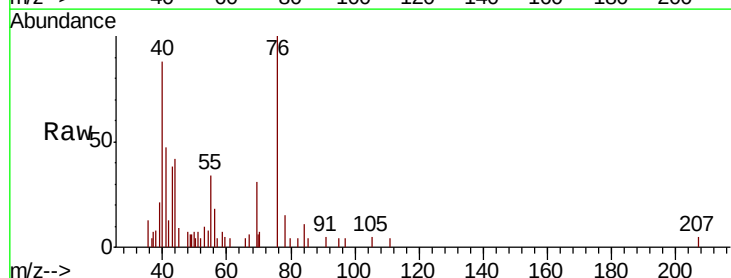
Acq: 13 Jun 2019 17:46

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

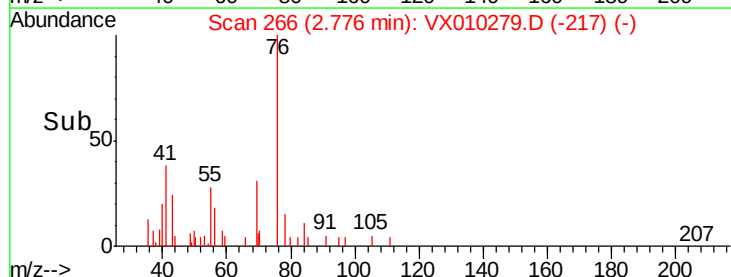
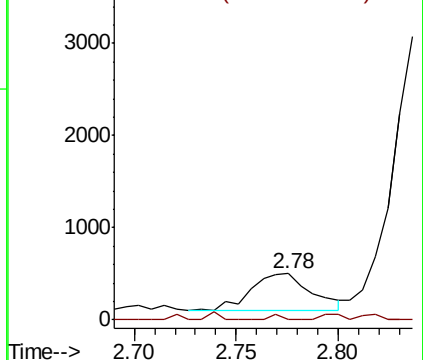
43 100

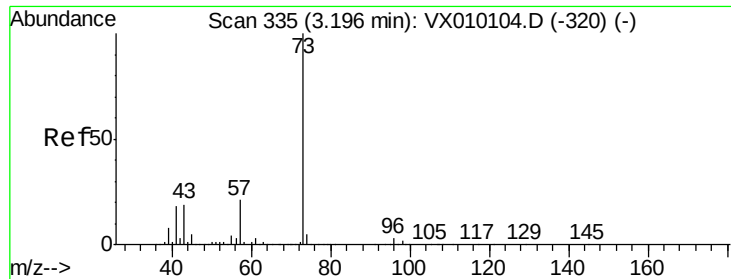
74 3.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

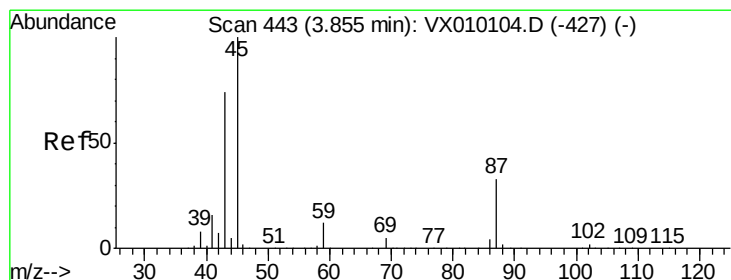
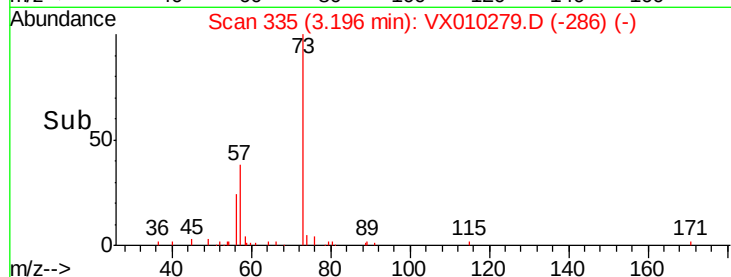
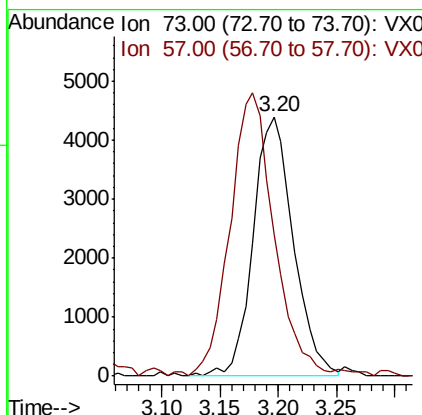
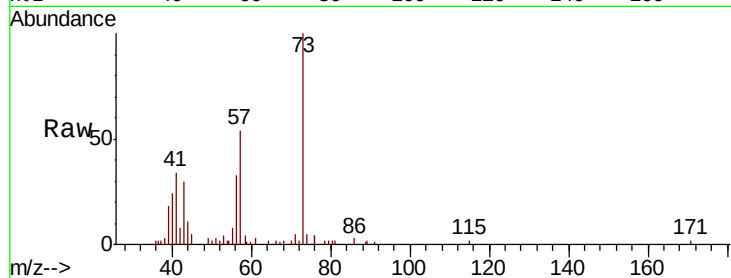




#19
Methvl tert-butyl Ether
Concen: 1.072 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

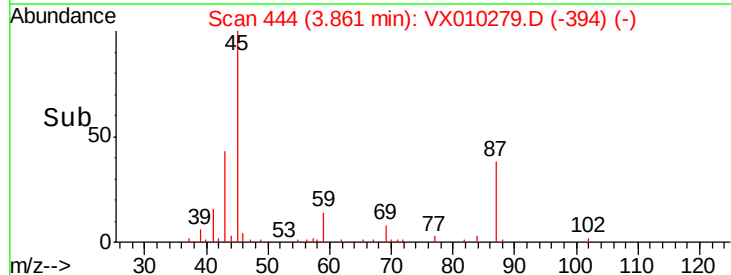
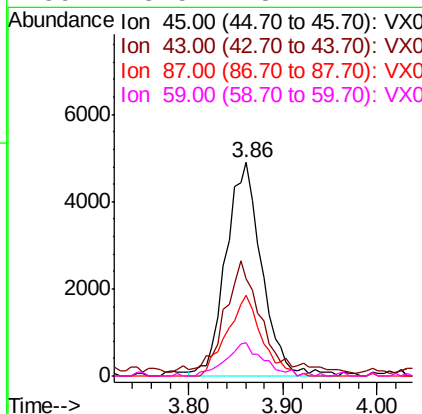
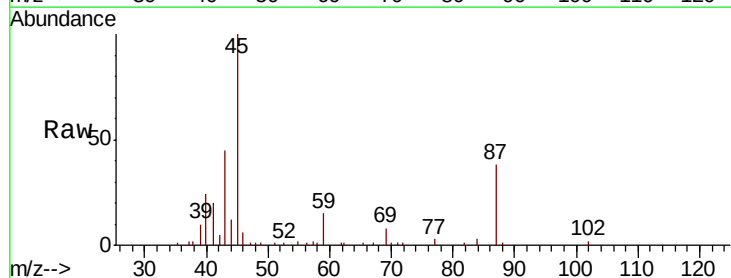
Instrument :
MSVOA_X
ClientSampleId :

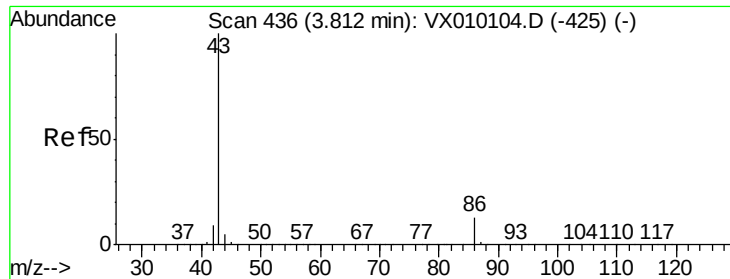
Tot Ion: 73 Resp: 10575
Ion Ratio Lower Upper
73 100
57 54.5 19.4 29.2#



#22
Diisopropyl ether
Concen: 1.461 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 45 Resp: 12945
Ion Ratio Lower Upper
45 100
43 42.2 65.0 97.4#
87 37.9 17.3 25.9#
59 15.5 8.1 12.1#





#23

Vinyl Acetate

Concen: 0.762 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.04 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

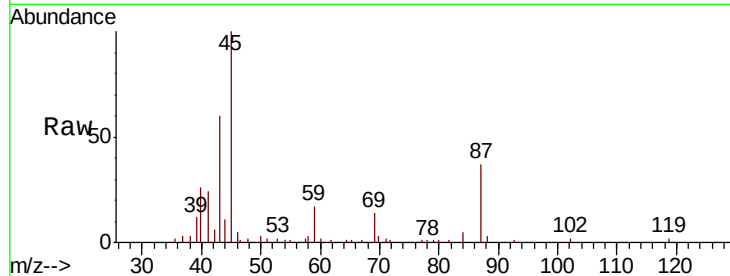
ClientSampleId :

Tot Ion: 43 Resp: 6023

Ion Ratio Lower Upper

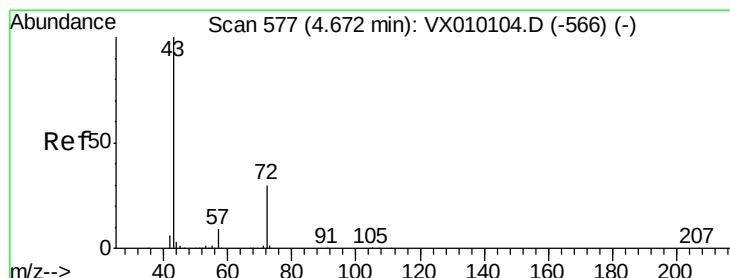
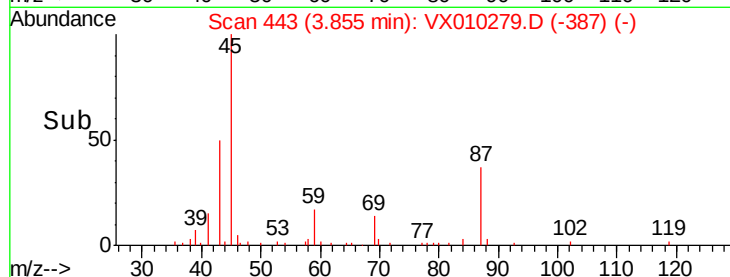
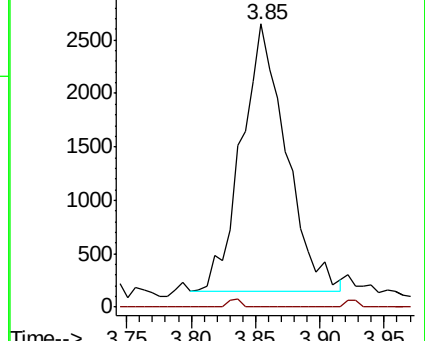
43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 0.620 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.04 min

Lab File: VX010279.D

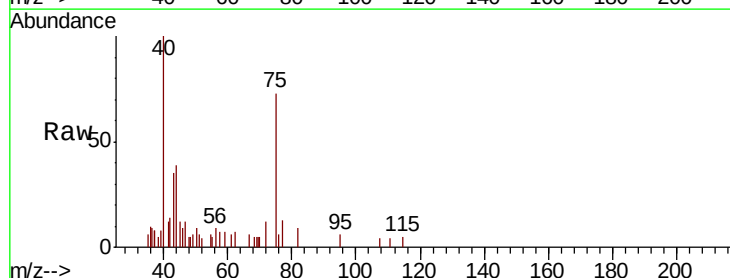
Acq: 13 Jun 2019 17:46

Tgt Ion: 43 Resp: 1449

Ion Ratio Lower Upper

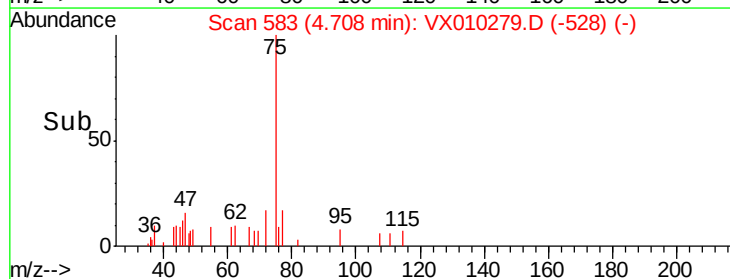
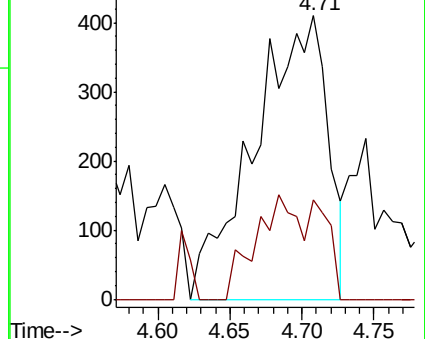
43 100

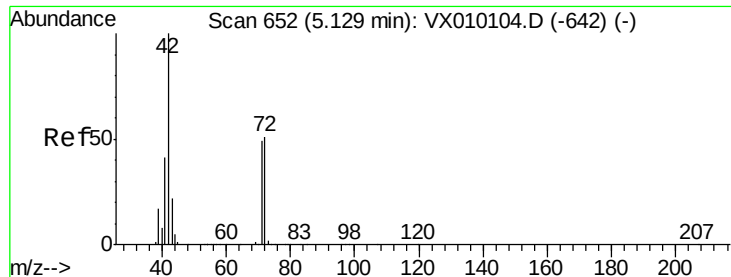
72 34.9 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.367 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

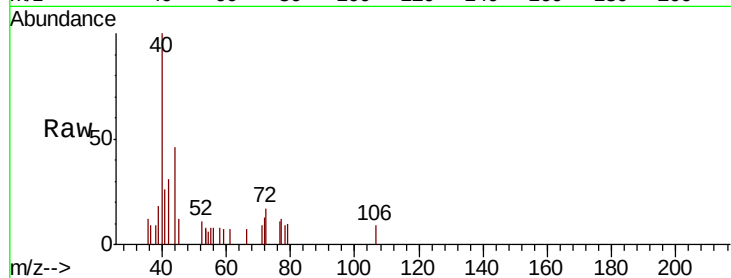
Tot Ion: 42 Resp: 539

Ion Ratio Lower Upper

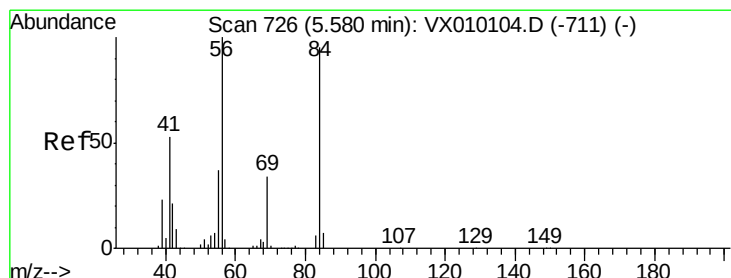
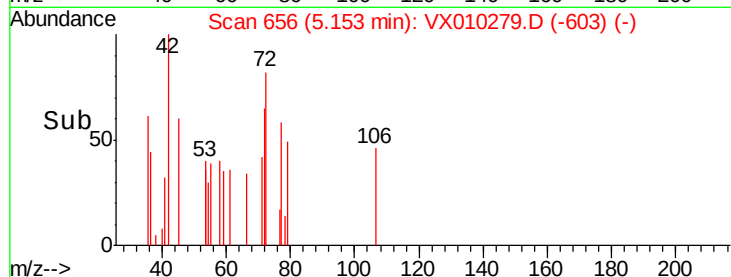
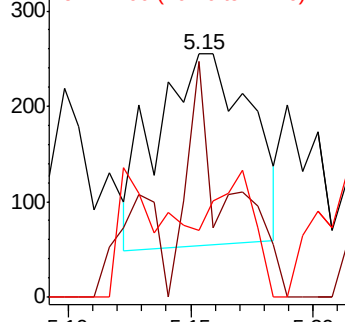
42 100

72 53.6 29.2 43.8#

71 28.2 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 2.796 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

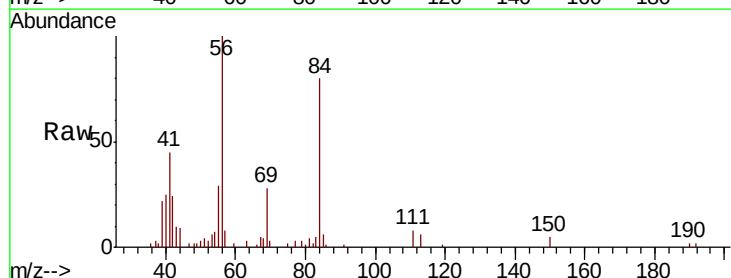
Tgt Ion: 56 Resp: 13570

Ion Ratio Lower Upper

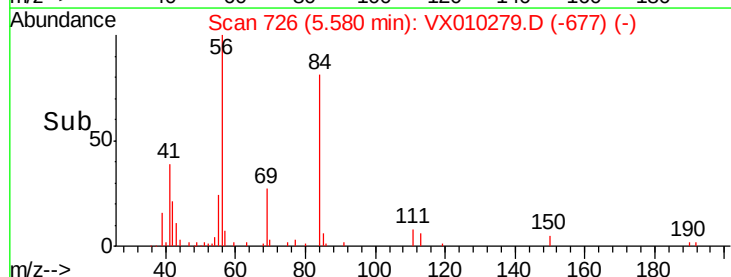
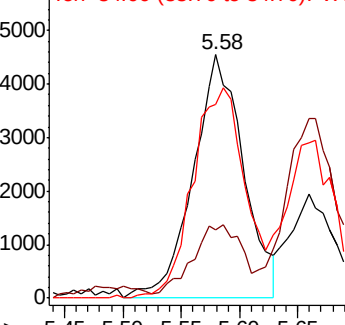
56 100

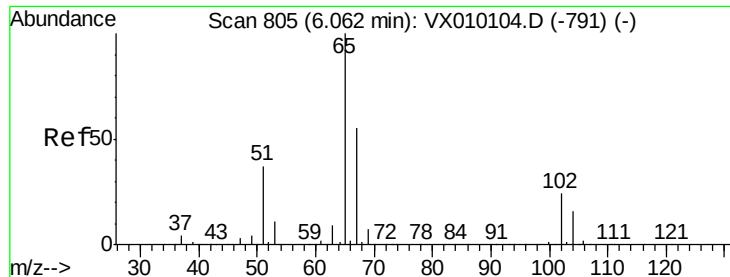
69 23.0 21.6 32.4

84 79.7 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

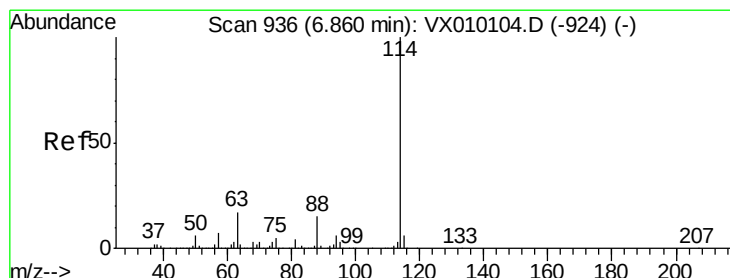
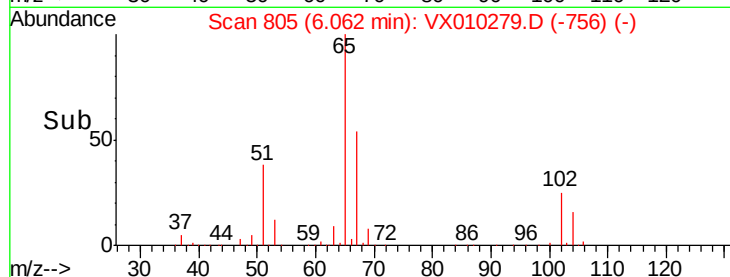
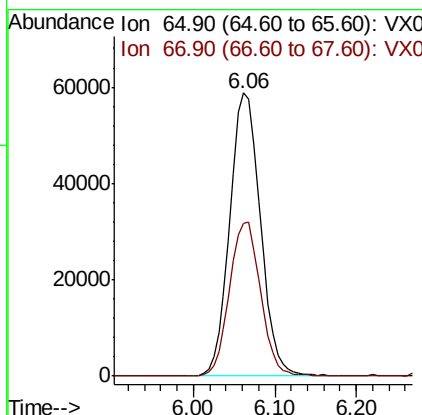
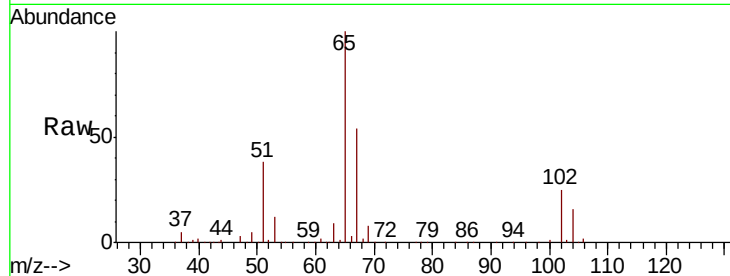




#33
 1,2-Dichloroethane-d4
 Concen: 45.819 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010279.D
 Acq: 13 Jun 2019 17:46

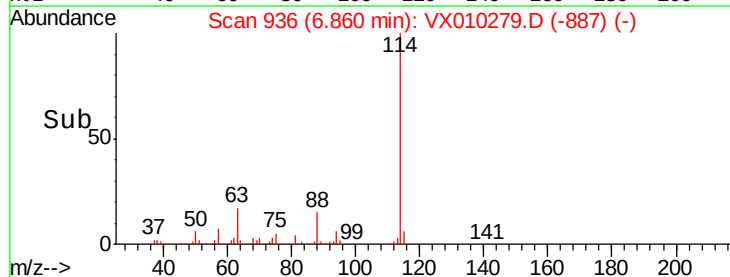
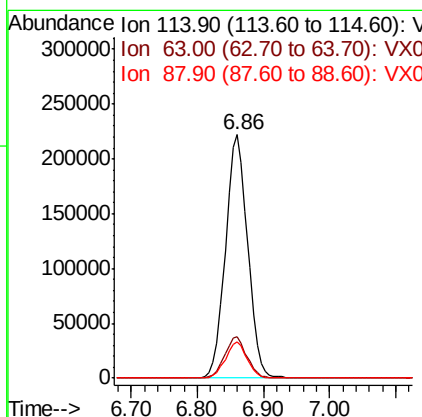
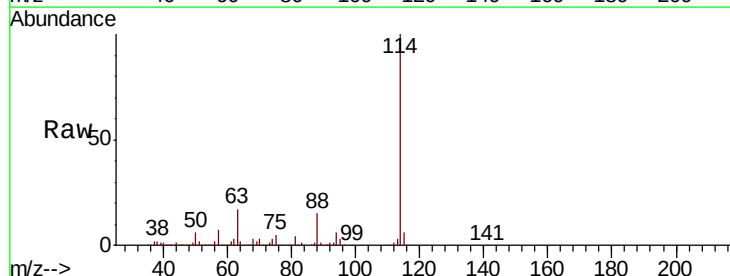
Instrument :
 MSVOA_X
 ClientSampleId :

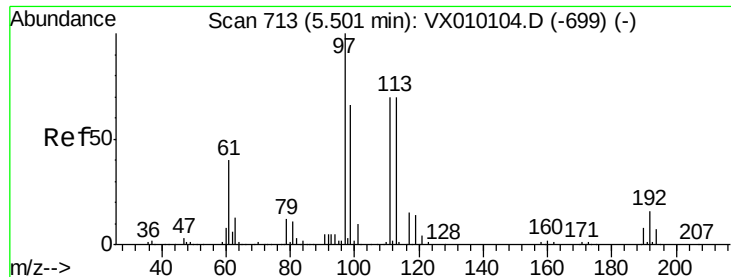
Tot Ion: 65 Resp: 152831
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010279.D
 Acq: 13 Jun 2019 17:46

Tgt Ion: 114 Resp: 515620
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 47.4
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.721 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

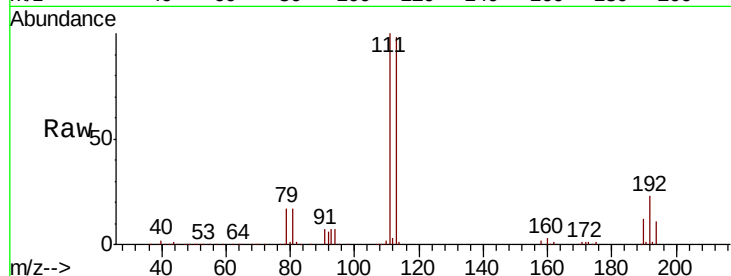
Tot Ion:113 Resp: 154957

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

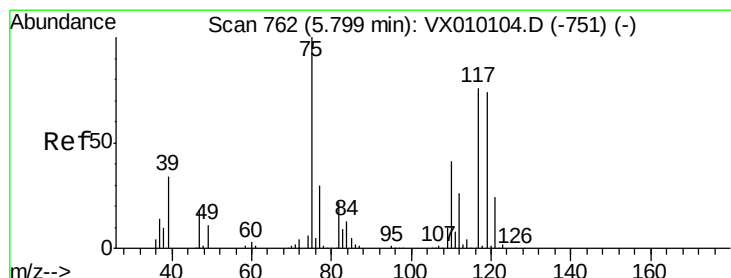
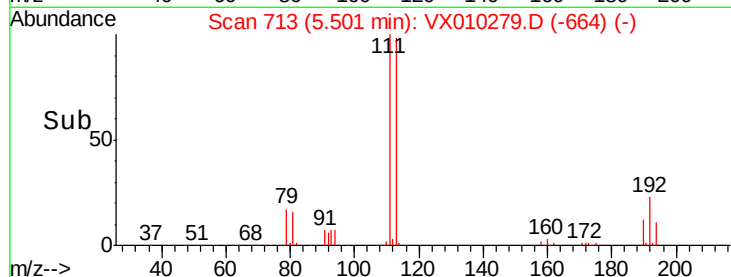
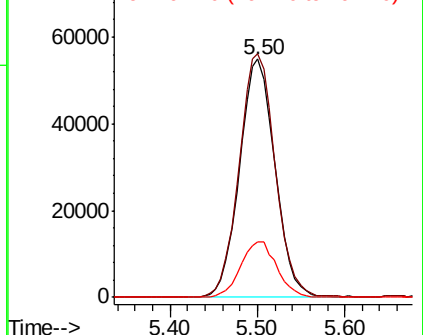
192 23.9 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.753 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

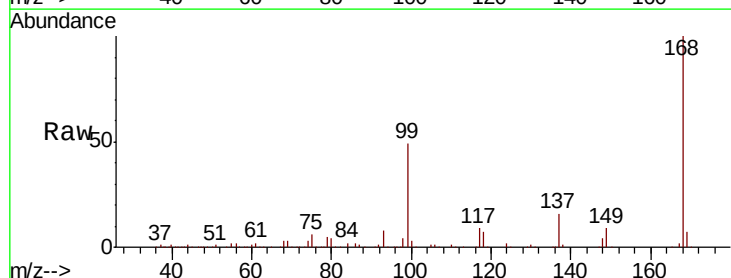
Tgt Ion: 75 Resp: 19994

Ion Ratio Lower Upper

75 100

110 10.1 16.7 50.1#

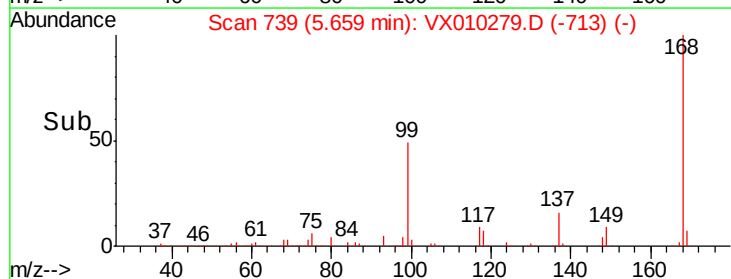
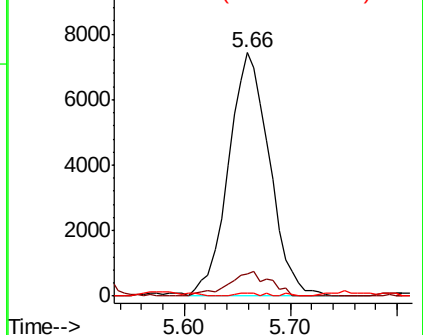
77 0.8 25.0 37.4#

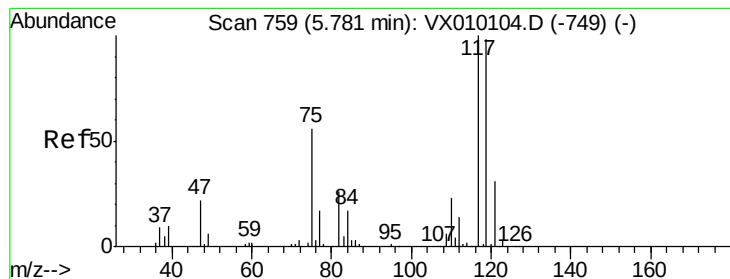


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

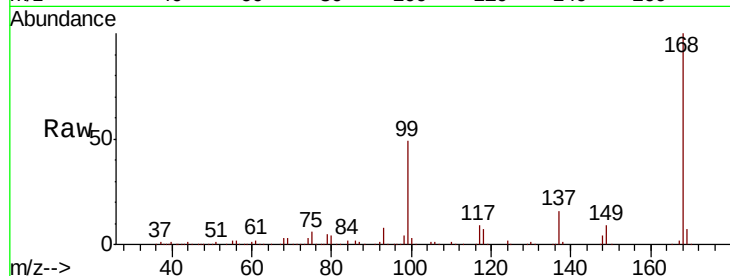
Tot Ion:117 Resp: 28770

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

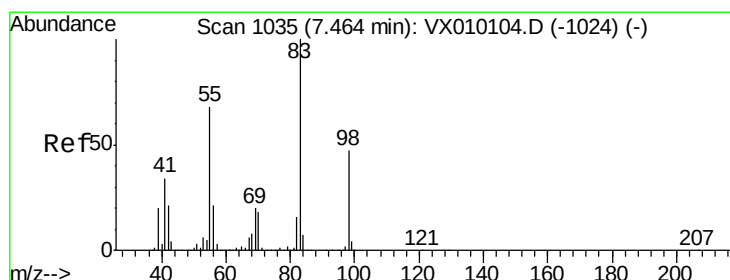
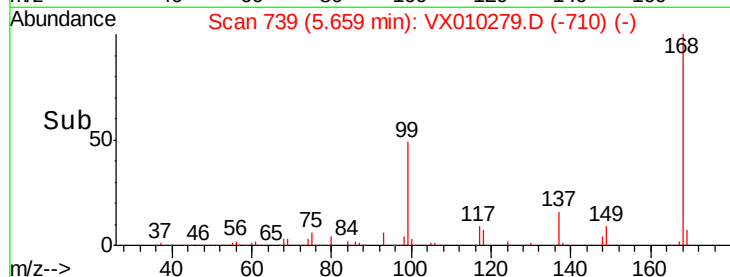
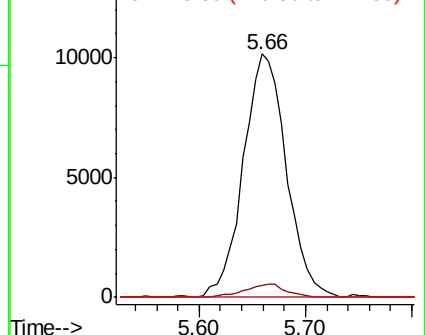
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.603 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

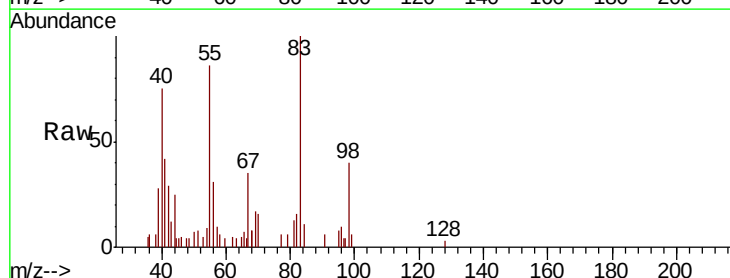
Tgt Ion: 83 Resp: 3452

Ion Ratio Lower Upper

83 100

55 78.0 69.9 104.9

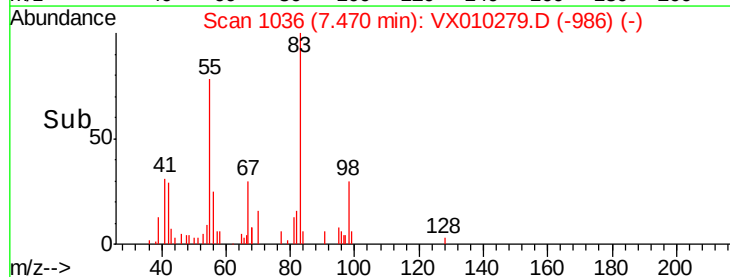
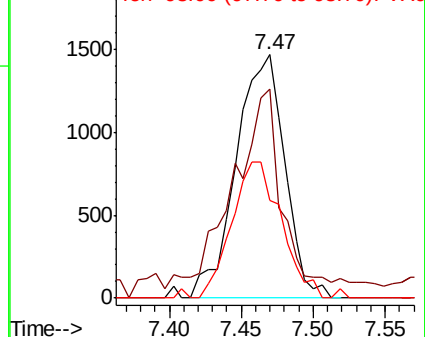
98 40.1 35.1 52.7

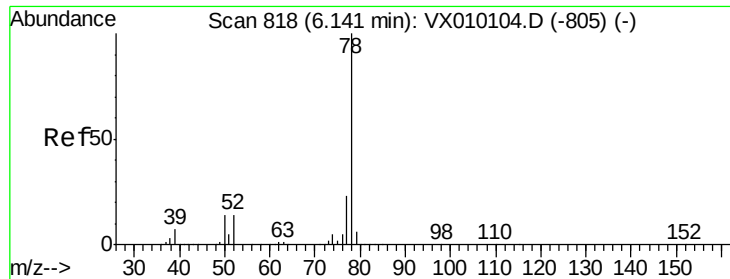


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 18.504 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

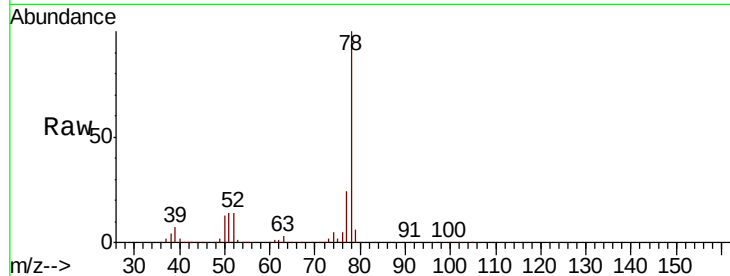
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 240695

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

80000

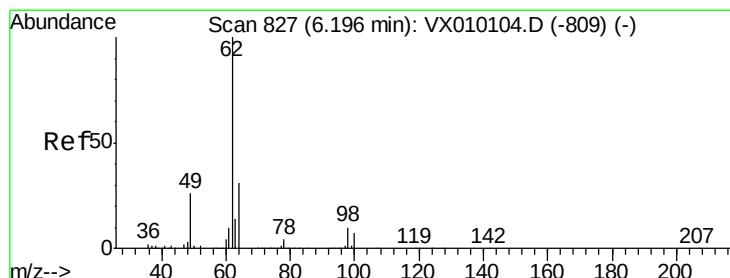
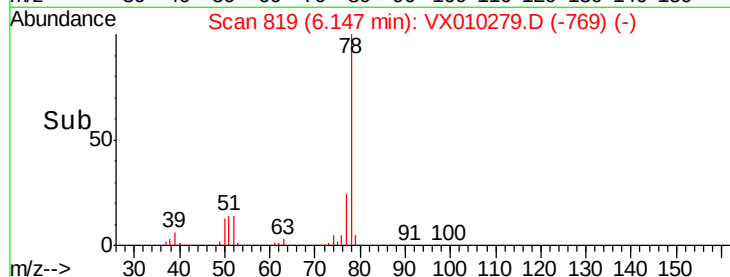
60000

40000

20000

0

Time--> 6.00 6.10 6.20 6.30



#42

1,2-Dichloroethane

Concen: 0.660 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX010279.D

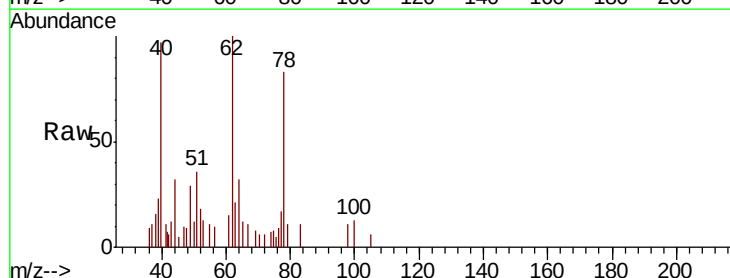
Acq: 13 Jun 2019 17:46

Tgt Ion: 62 Resp: 2741

Ion Ratio Lower Upper

62 100

98 21.0 0.0 17.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.20

1200

1000

800

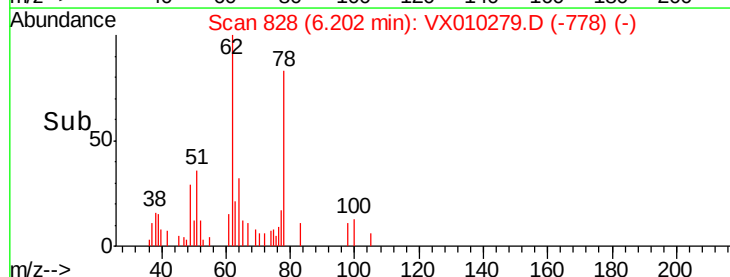
600

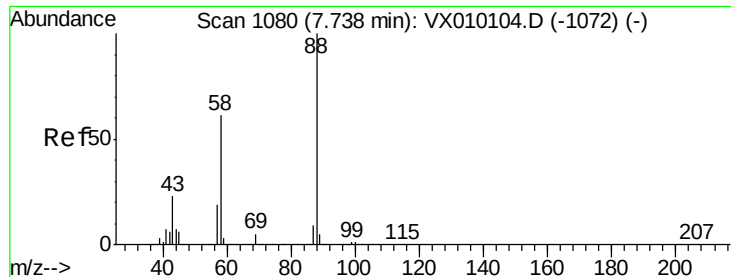
400

200

0

Time--> 6.15 6.20 6.25





#49

1,4-Dioxane

Concen: 18.313 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

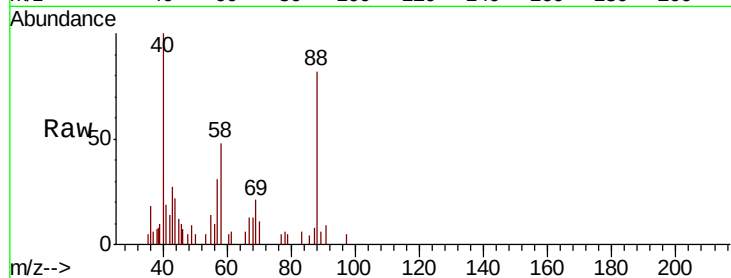
Tot Ion: 88 Resp: 1787

Ion Ratio Lower Upper

88 100

43 23.6 30.2 45.4#

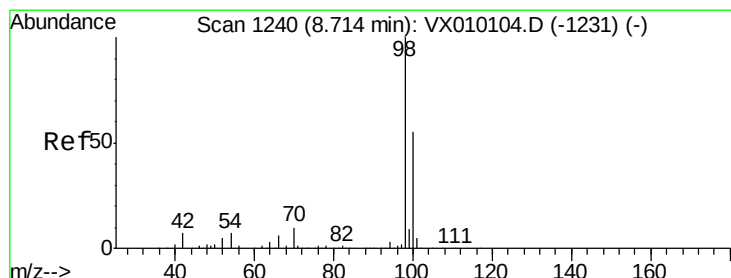
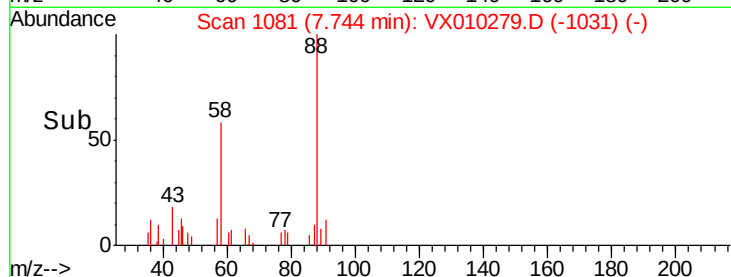
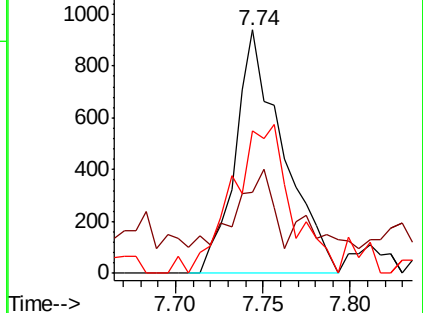
58 75.9 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.938 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010279.D

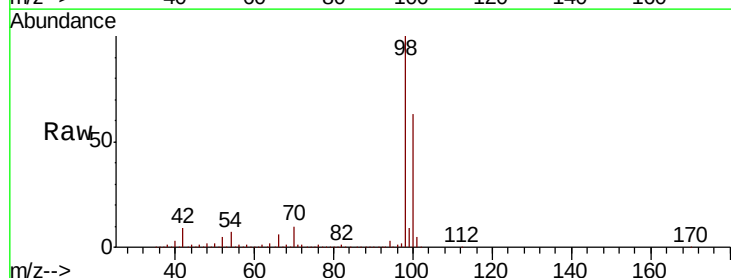
Acq: 13 Jun 2019 17:46

Tgt Ion: 98 Resp: 607171

Ion Ratio Lower Upper

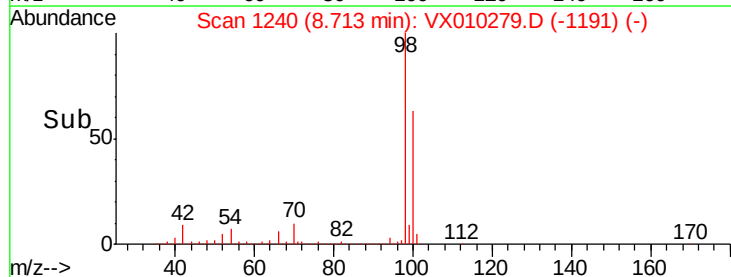
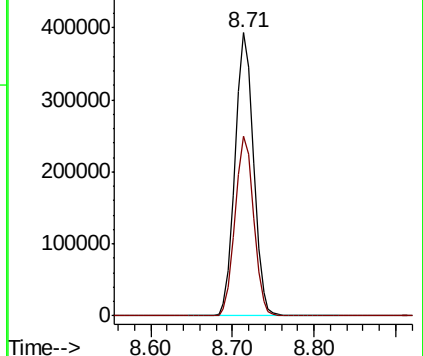
98 100

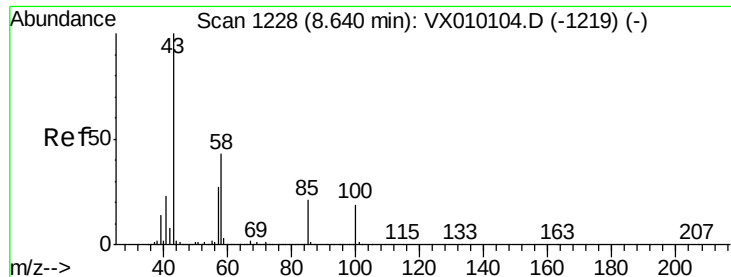
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.284 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

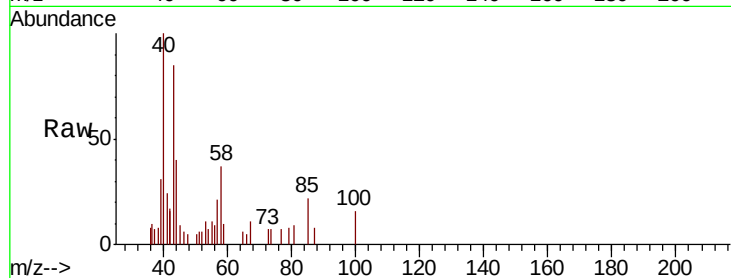
ClientSampled :

Tot Ion: 43 Resp: 1240

Ion Ratio Lower Upper

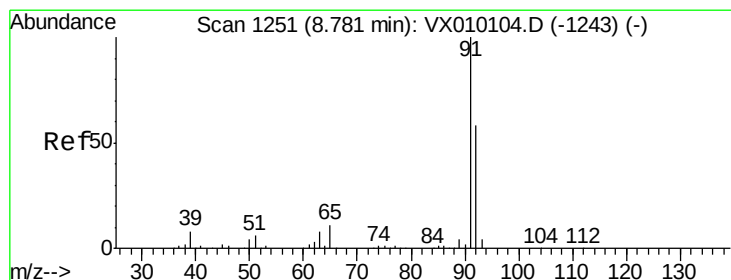
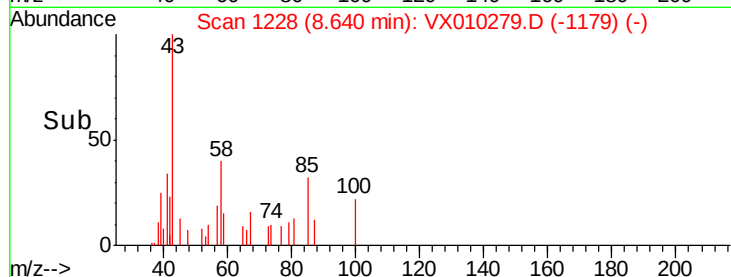
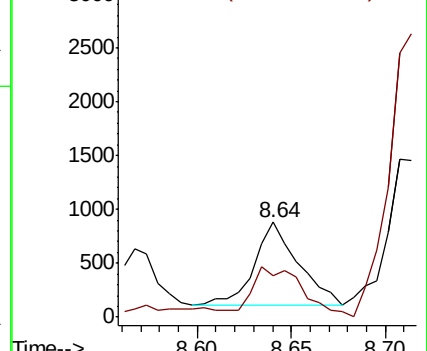
43 100

58 69.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.119 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010279.D

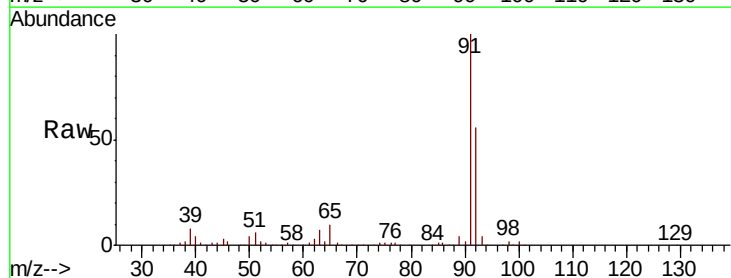
Acq: 13 Jun 2019 17:46

Tgt Ion: 92 Resp: 35218

Ion Ratio Lower Upper

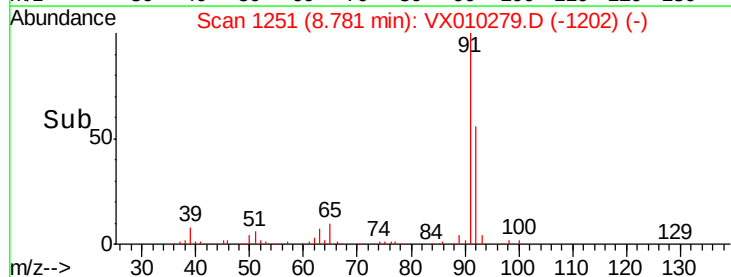
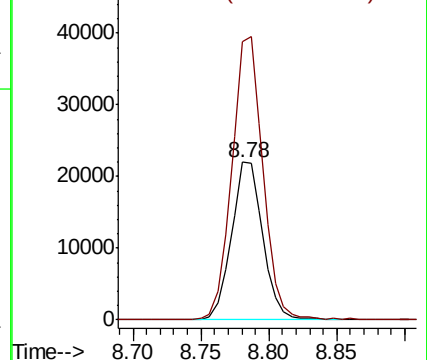
92 100

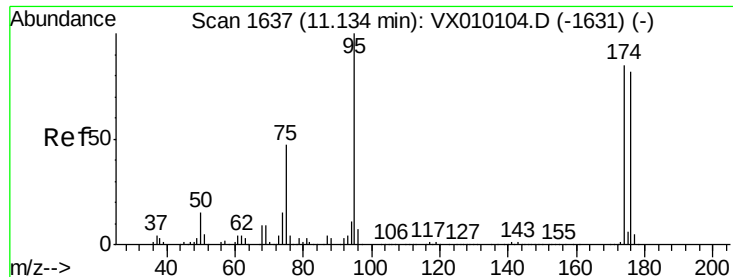
91 178.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

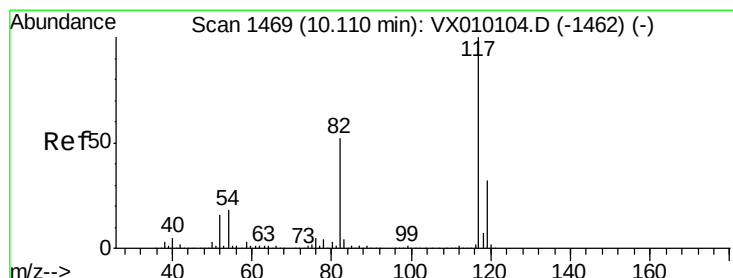
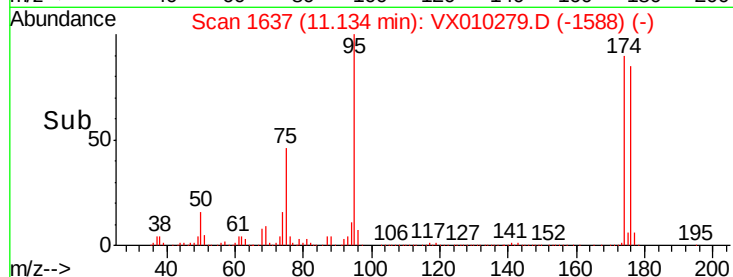
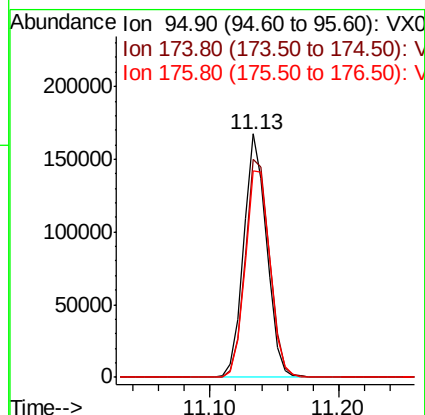
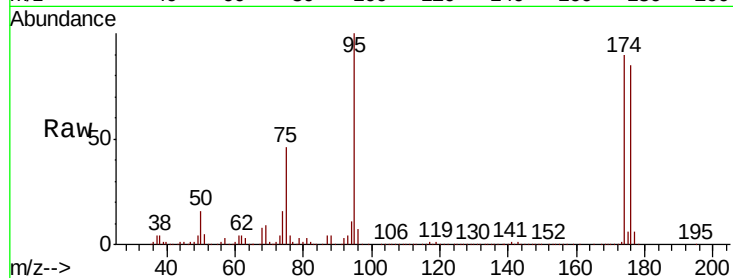




#62
4-Bromofluorobenzene
Concen: 46.245 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

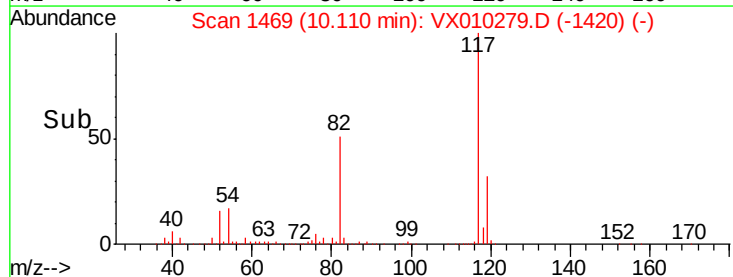
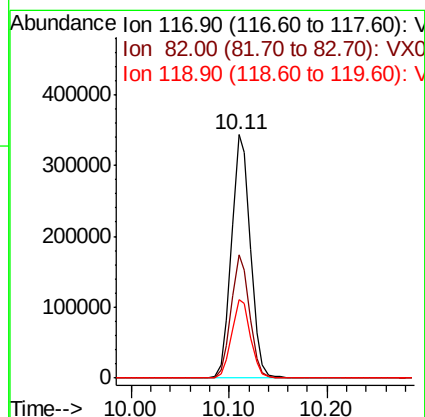
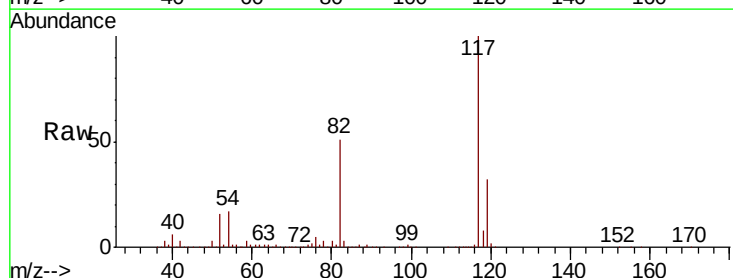
Instrument :
MSVOA_X
ClientSampleId :

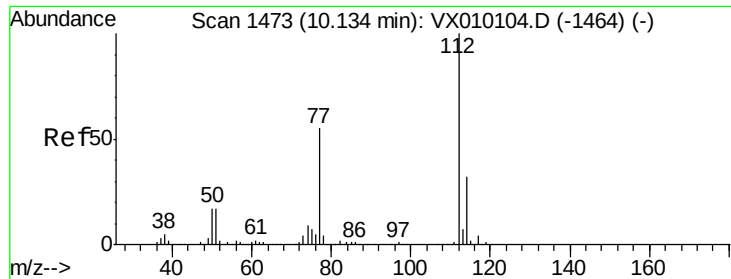
Tot Ion: 95 Resp: 205863
Ion Ratio Lower Upper
95 100
174 95.0 0.0 160.4
176 91.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 117 Resp: 460219
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 32.2 25.2 37.8





#65

Chlorobenzene

Concen: 0.382 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

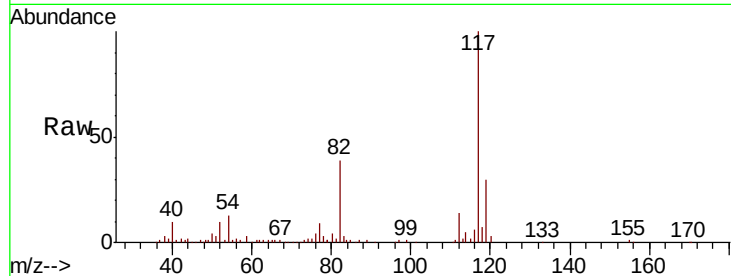
ClientSampleId :

Tot Ion:112 Resp: 3627

Ion Ratio Lower Upper

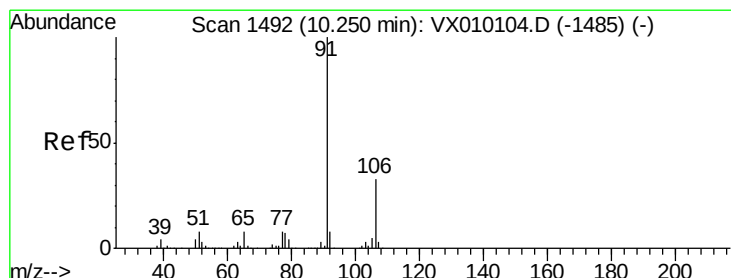
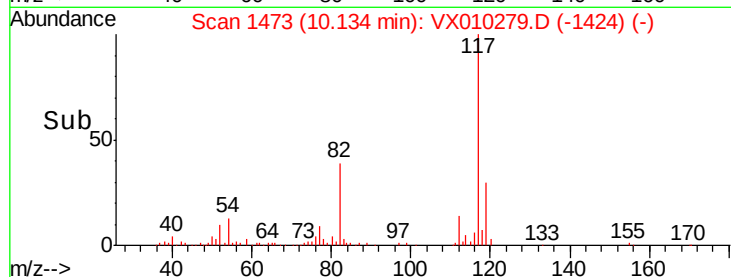
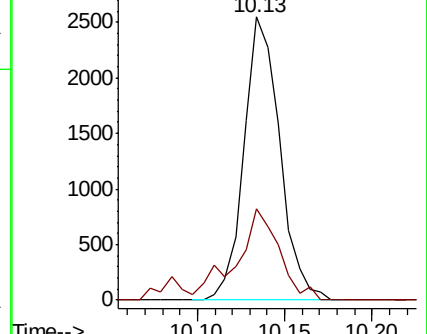
112 100

114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 14.852 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010279.D

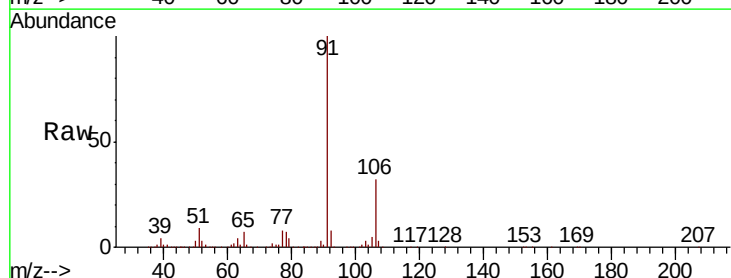
Acq: 13 Jun 2019 17:46

Tgt Ion: 91 Resp: 240152

Ion Ratio Lower Upper

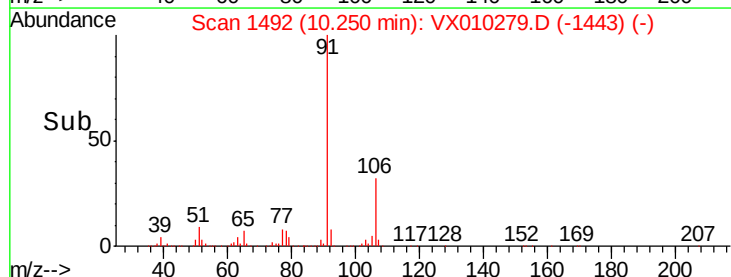
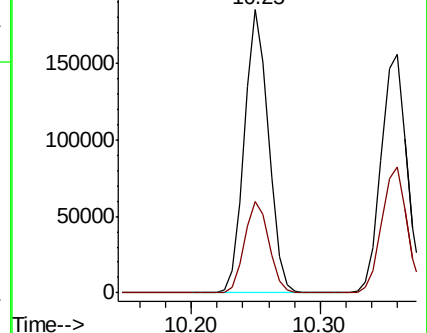
91 100

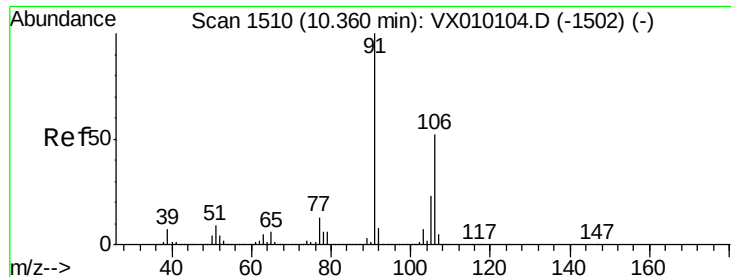
106 32.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

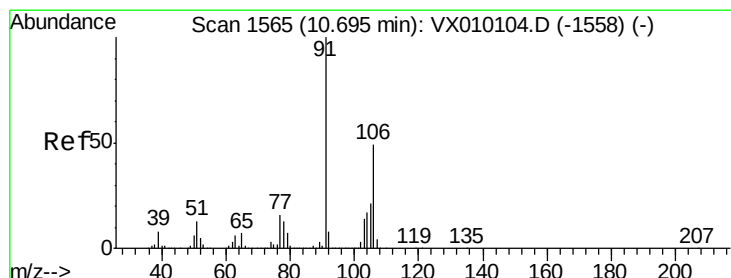
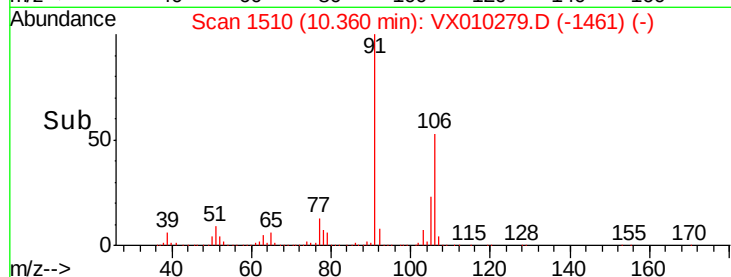
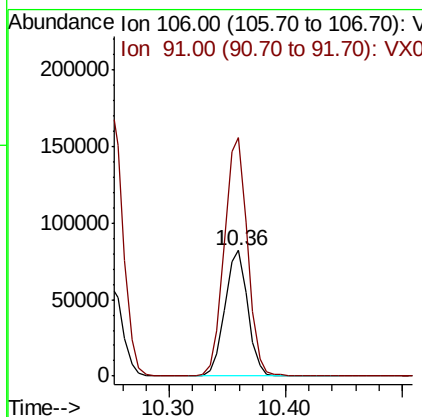
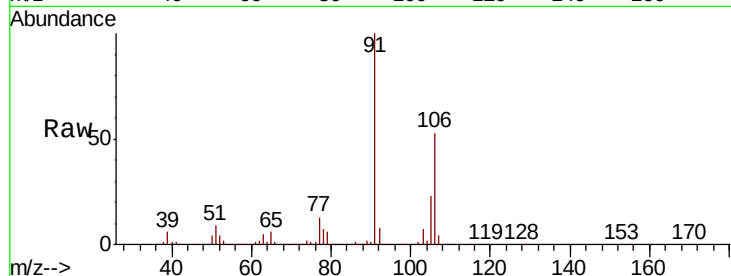




#68
m/p-Xylenes
Concen: 17.818 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

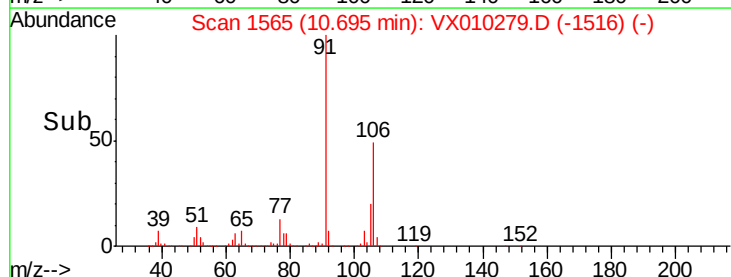
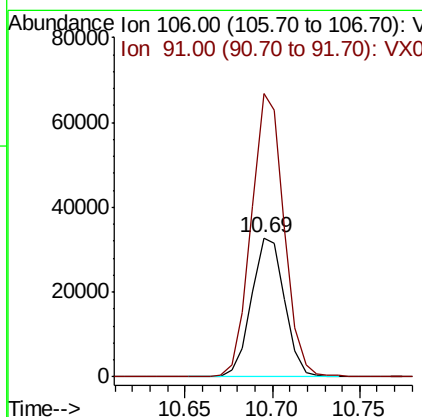
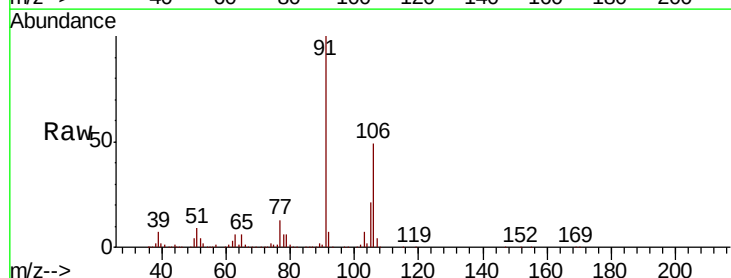
Instrument :
MSVOA_X
ClientSampled :

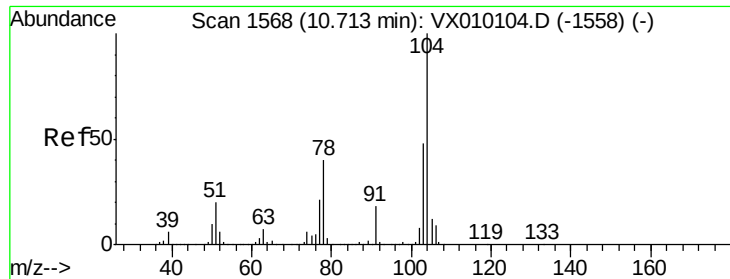
Tot Ion:106 Resp: 111490
Ion Ratio Lower Upper
106 100
91 192.5 167.3 250.9



#69
o-Xylene
Concen: 6.993 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion:106 Resp: 43494
Ion Ratio Lower Upper
106 100
91 200.8 110.4 331.2

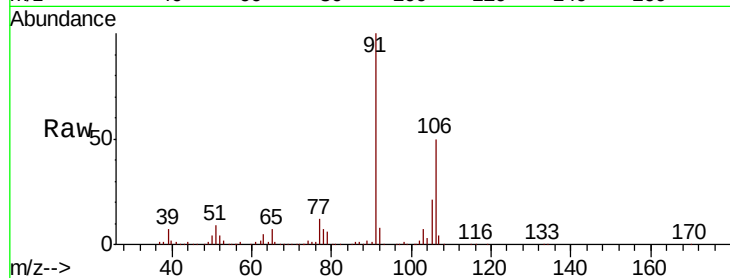




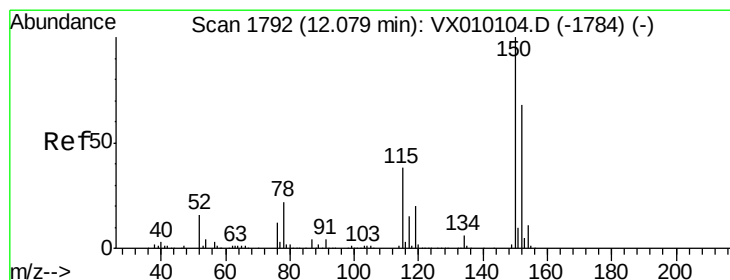
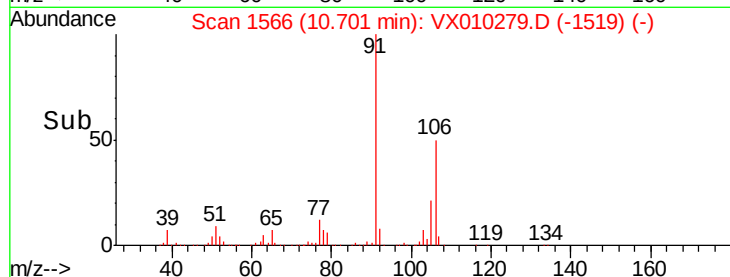
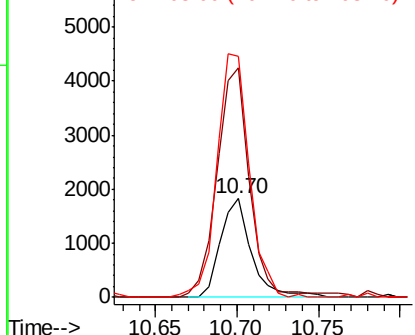
#70
Stvrene
Concen: 0.228 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
104	100		
78	246.5	42.1	63.1#
103	260.4	44.1	66.1#

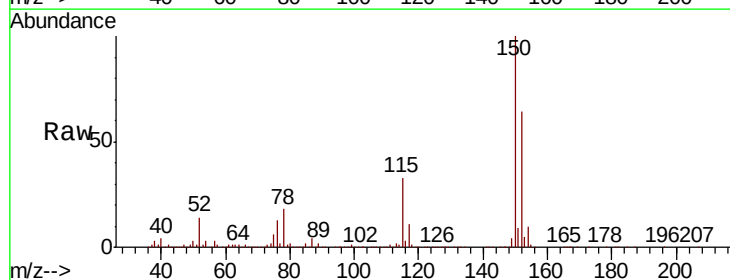


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

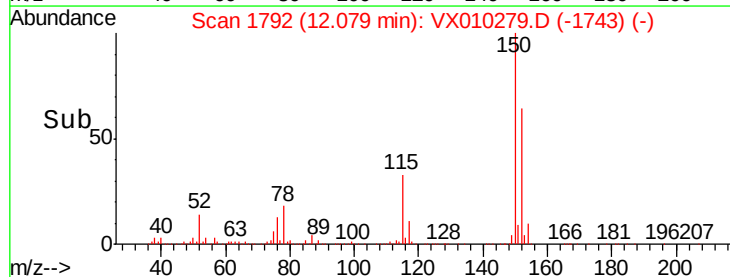
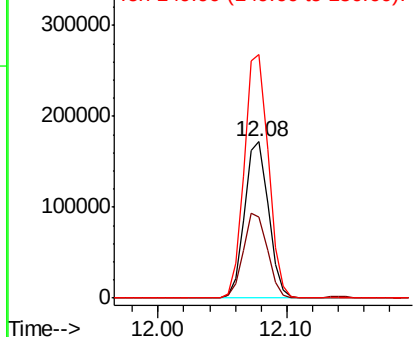


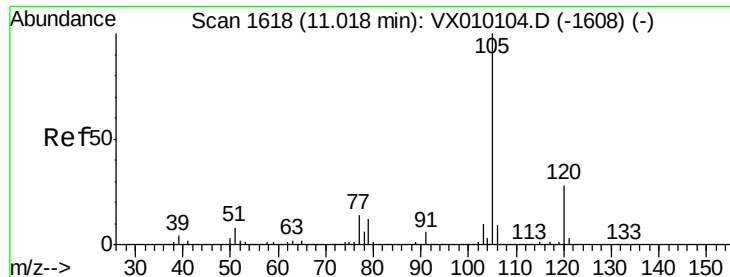
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	41.4	124.2
150	157.7	0.0	345.2



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

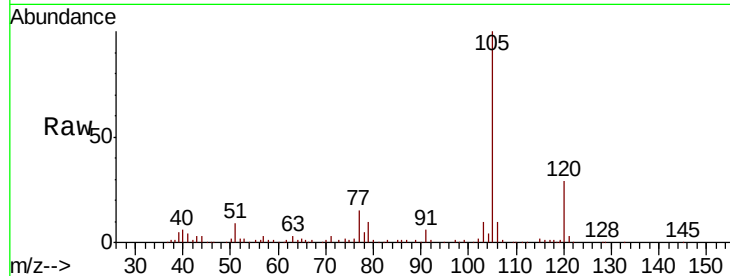




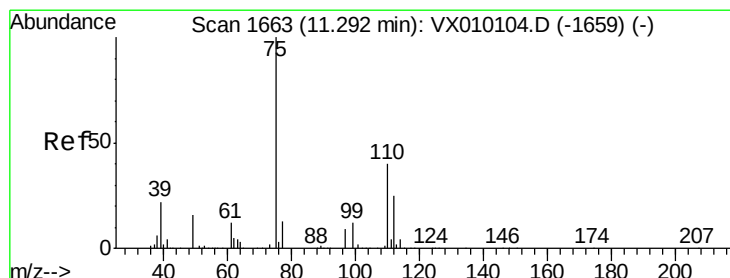
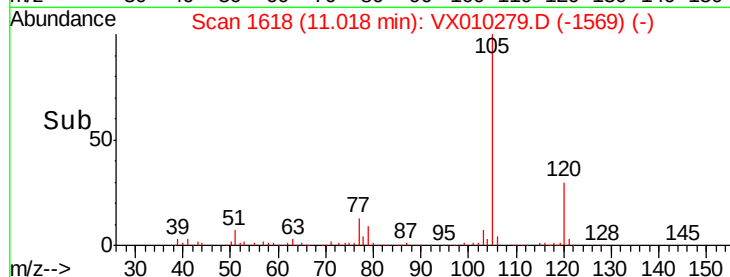
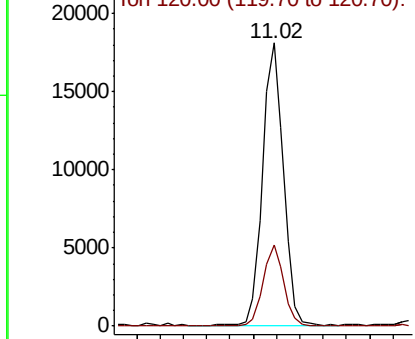
#73
Isopropylbenzene
Concen: 1.496 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 22918
Ion Ratio Lower Upper
105 100
120 28.1 12.8 38.4

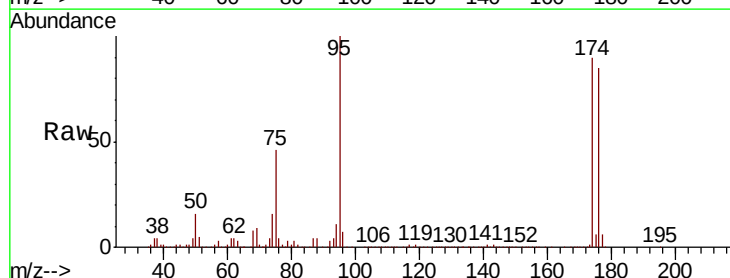


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

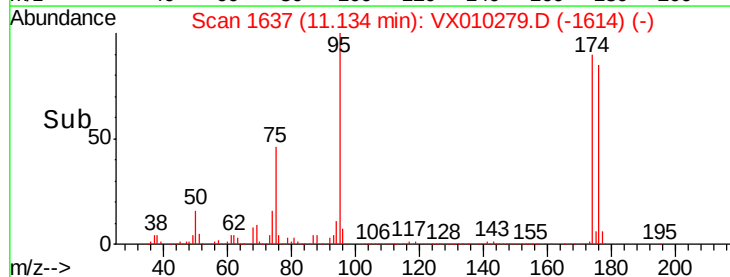
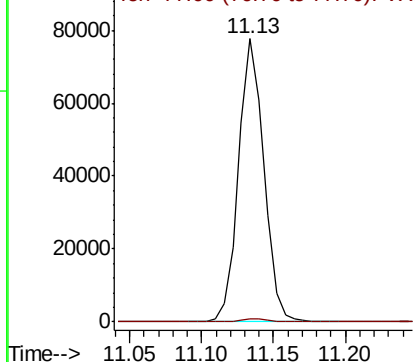


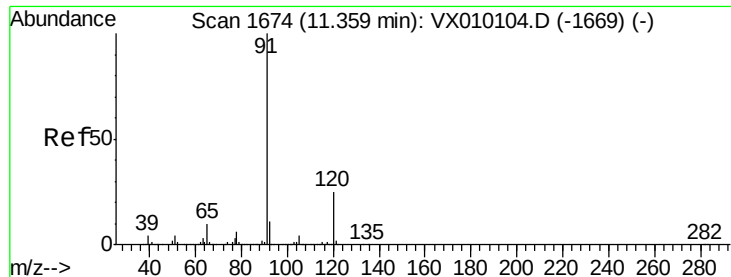
#76
1,2,3-Trichloropropane
Concen: 21.720 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 75 Resp: 95371
Ion Ratio Lower Upper
75 100
77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.191 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

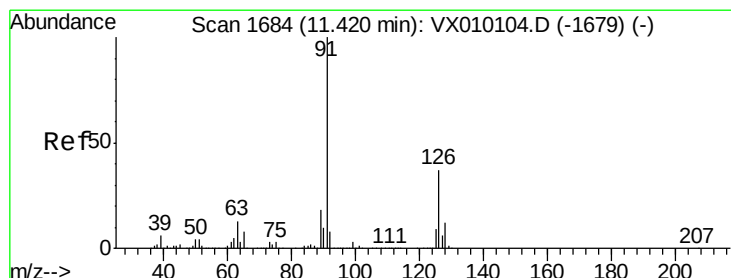
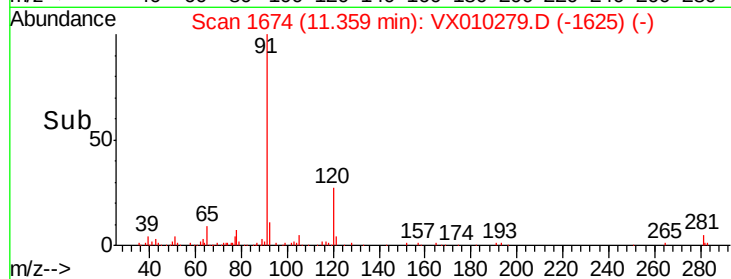
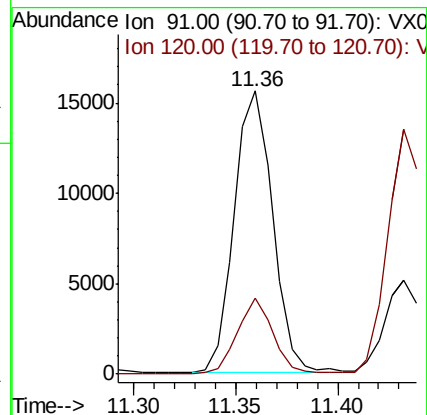
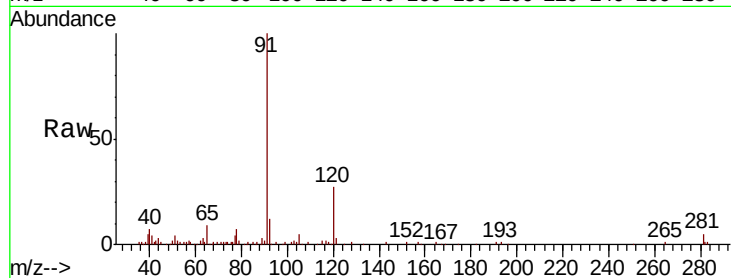
ClientSampleId :

Tot Ion: 91 Resp: 20313

Ion Ratio Lower Upper

91 100

120 25.3 11.1 33.3



#79

2-Chlorotoluene

Concen: 0.970 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010279.D

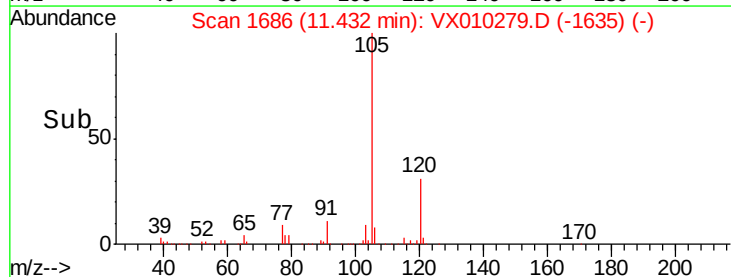
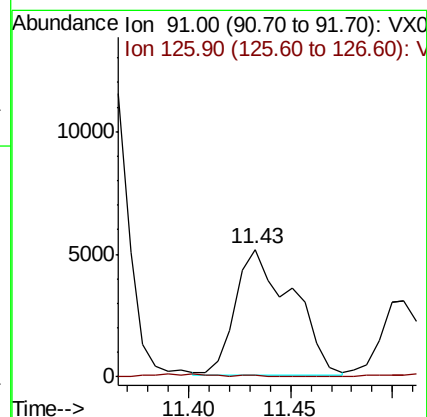
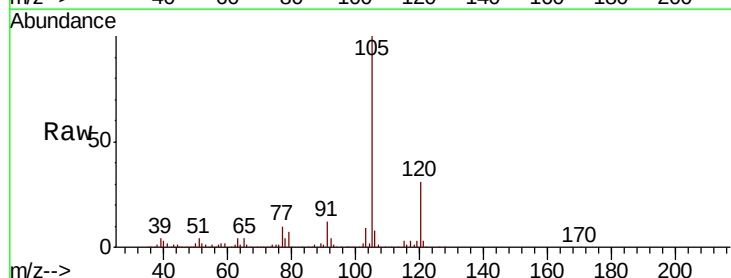
Acq: 13 Jun 2019 17:46

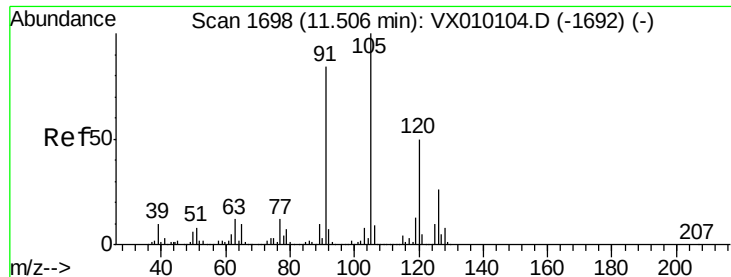
Tgt Ion: 91 Resp: 9939

Ion Ratio Lower Upper

91 100

126 0.5 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 2.529 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

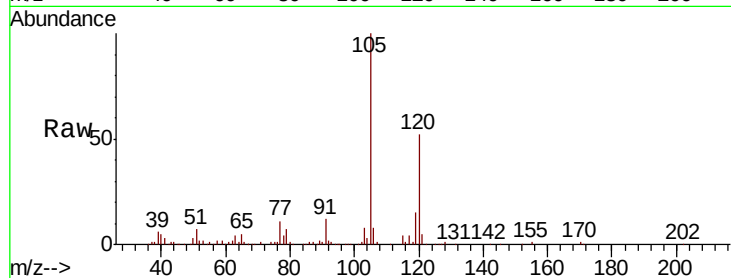
ClientSampleId :

Tot Ion:105 Resp: 32644

Ion Ratio Lower Upper

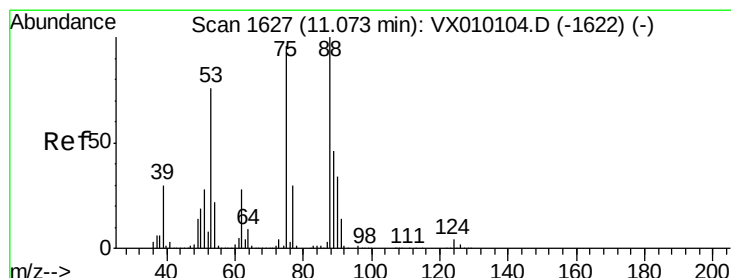
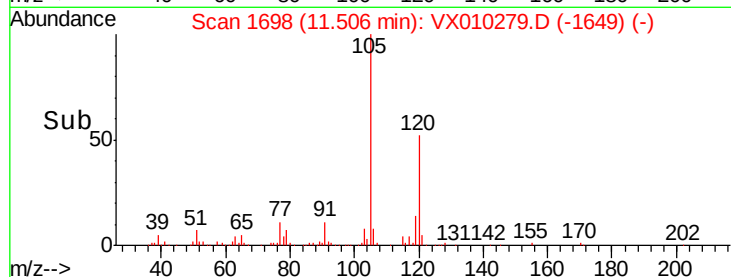
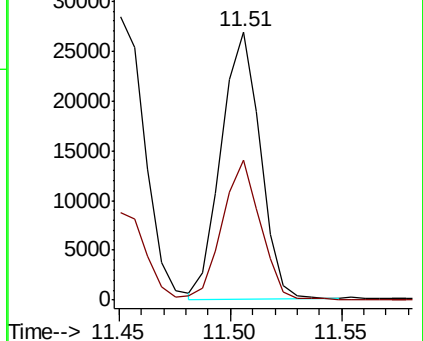
105 100

120 51.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 47.989 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

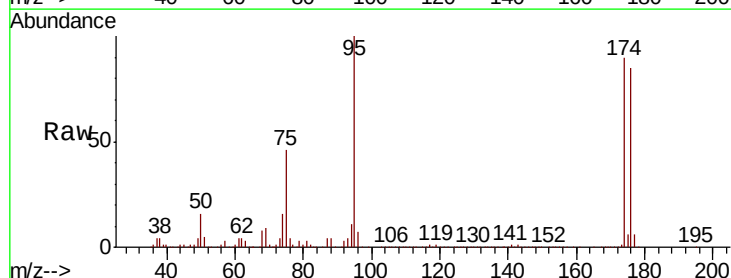
Tgt Ion: 75 Resp: 95371

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

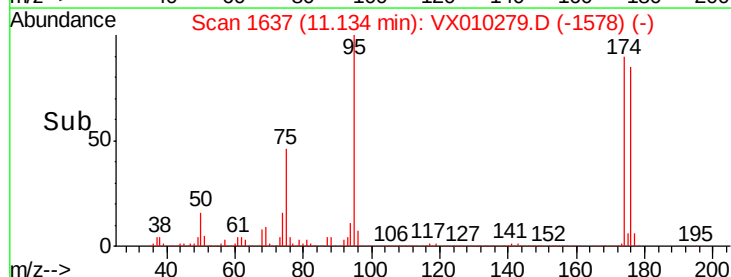
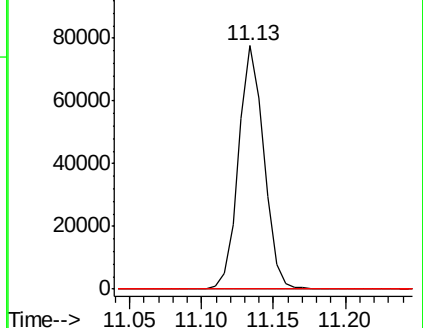
89 0.0 34.2 51.4#

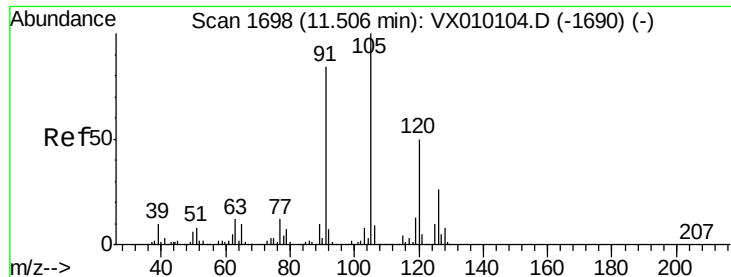


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

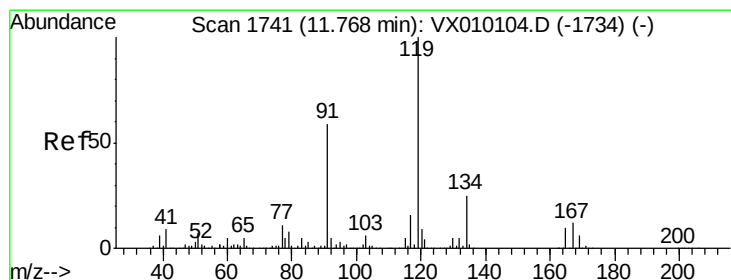
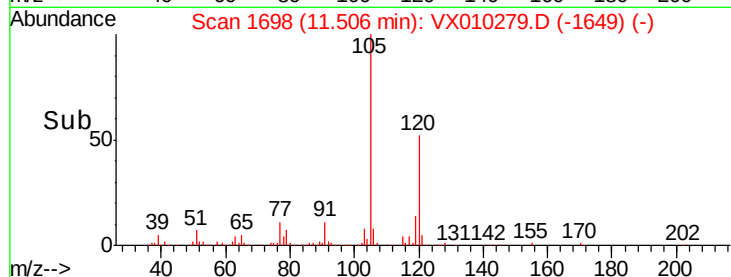
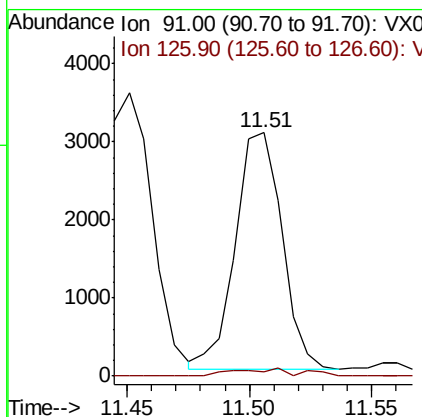
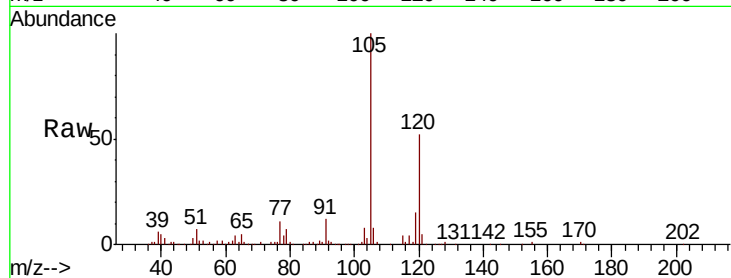




#82
4-Chlorotoluene
Concen: 0.348 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

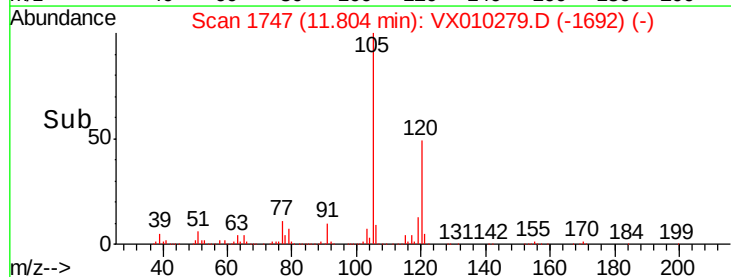
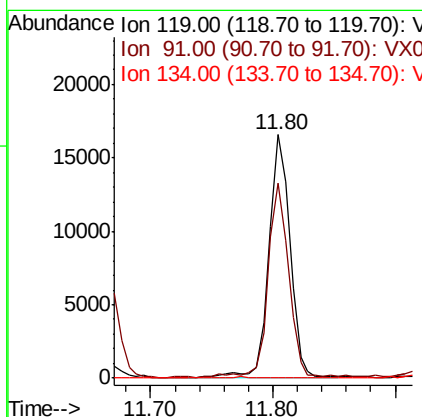
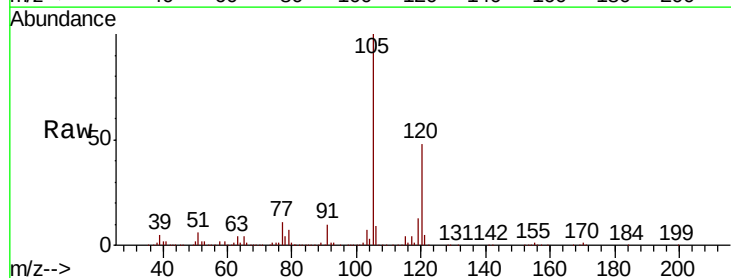
Instrument :
MSVOA_X
ClientSampleId :

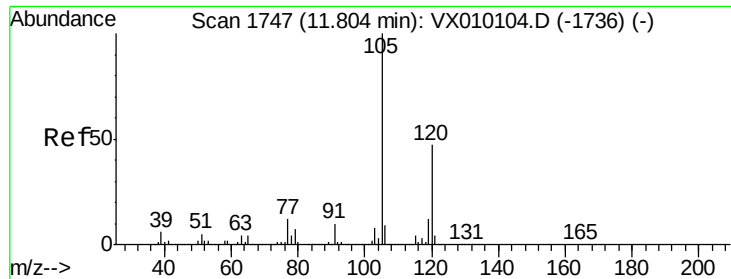
Tot Ion: 91 Resp: 4056
Ion Ratio Lower Upper
91 100
126 3.1 14.2 42.6#



#83
tert-Butylbenzene
Concen: 1.537 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Tgt Ion: 119 Resp: 20075
Ion Ratio Lower Upper
119 100
91 76.8 30.0 90.0
134 0.0 11.2 33.5#

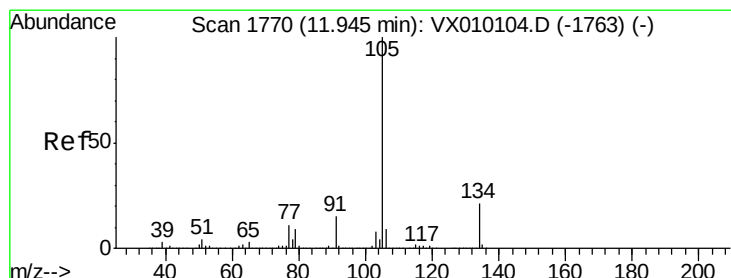
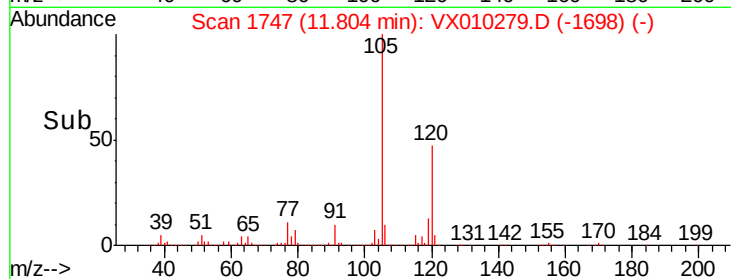
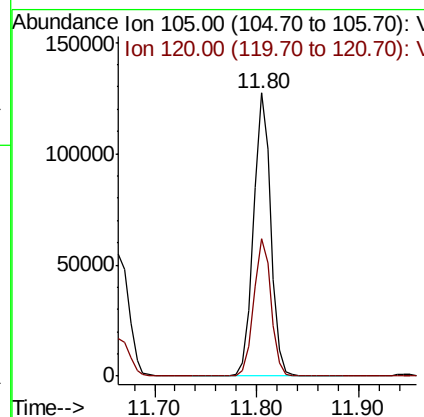
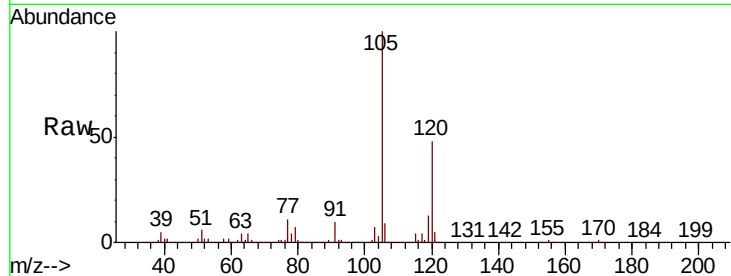




#84
 1,2,4-Trimethylbenzene
 Concen: 11.503 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010279.D
 Acq: 13 Jun 2019 17:46

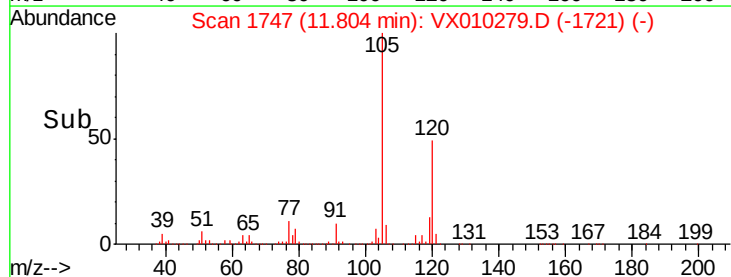
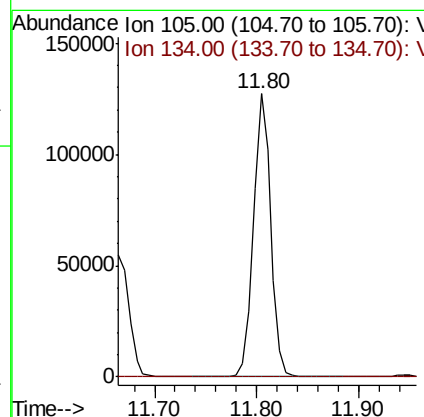
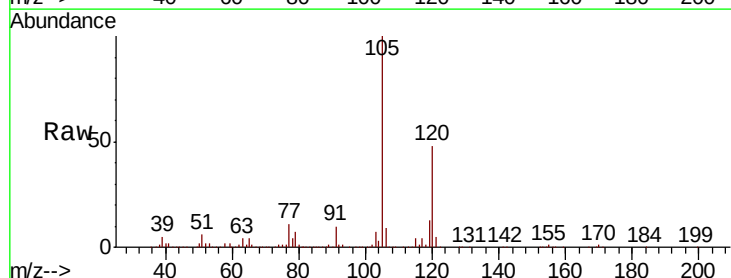
Instrument :
 MSVOA_X
 ClientSampled :

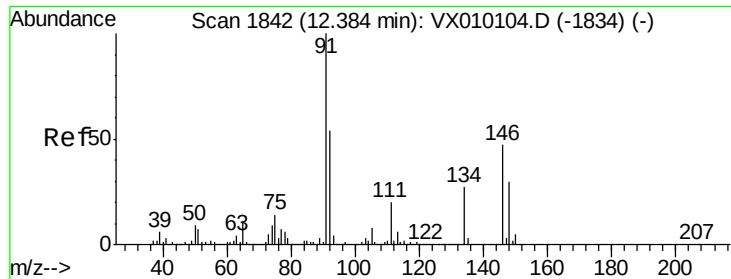
Tot Ion:105 Resp: 149971
 Ion Ratio Lower Upper
 105 100
 120 48.4 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 9.850 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX010279.D
 Acq: 13 Jun 2019 17:46

Tgt Ion:105 Resp: 149914
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#





#89

n-Butylbenzene

Concen: 0.211 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VX010279.D

Acq: 13 Jun 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

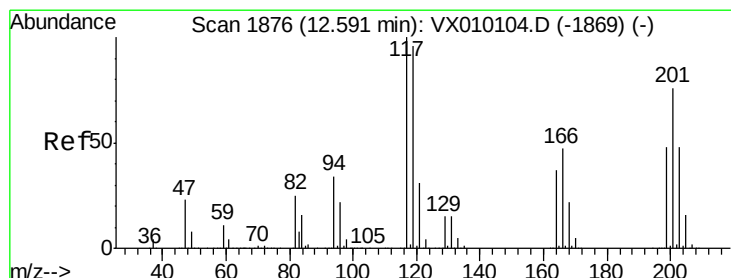
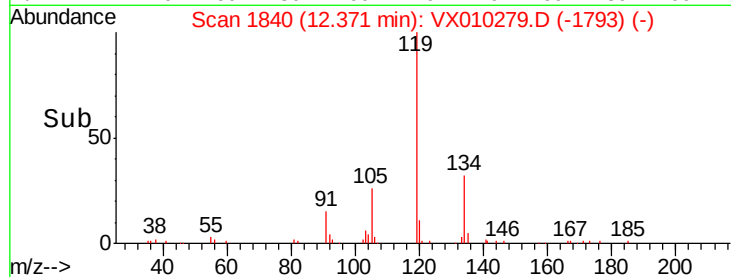
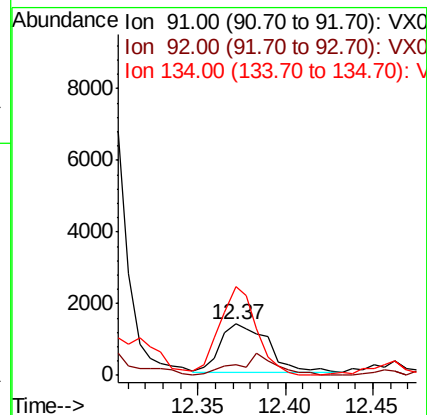
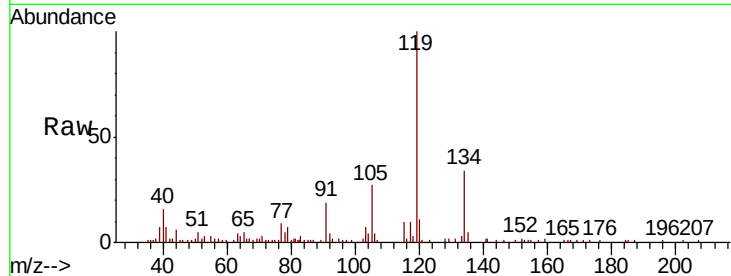
Tot Ion: 91 Resp: 2532

Ion Ratio Lower Upper

91 100

92 37.2 26.3 78.8

134 143.6 12.3 36.8#



#90

Hexachloroethane

Concen: 1.057 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.11 min

Lab File: VX010279.D

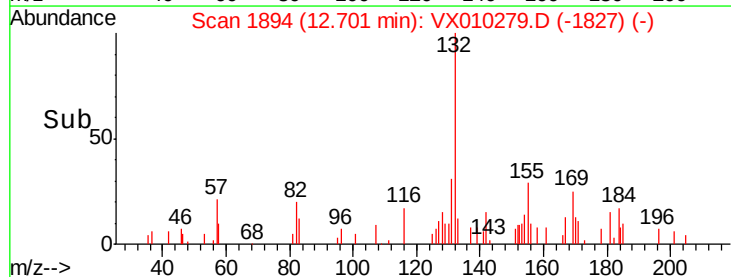
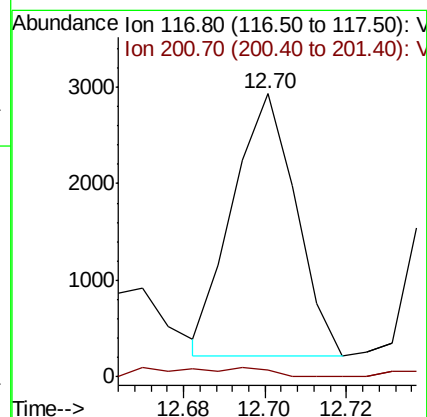
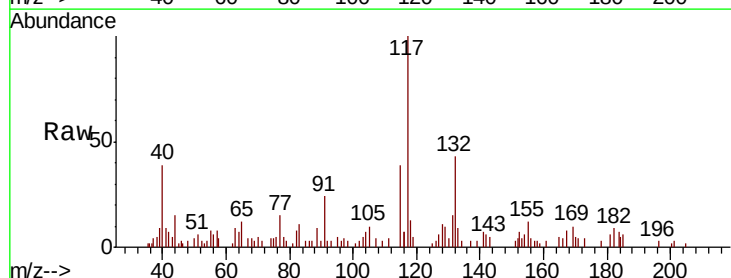
Acq: 13 Jun 2019 17:46

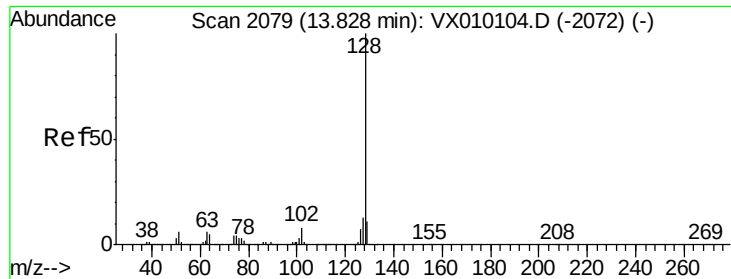
Tgt Ion: 117 Resp: 2930

Ion Ratio Lower Upper

117 100

201 5.9 43.6 130.9#

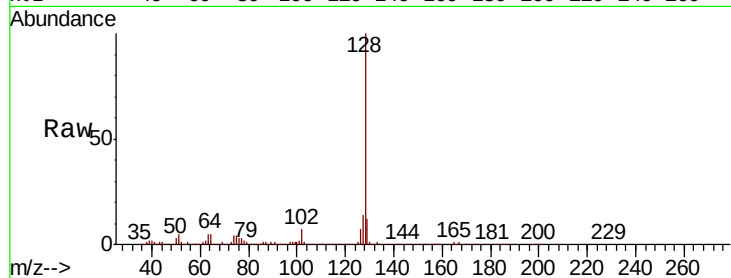




#95
Naphthalene
Concen: 4.247 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010279.D
Acq: 13 Jun 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.9	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

