

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005051.D
 Acq On : 05 Oct 2018 06:44
 Operator : JC/MD
 Sample : J5207-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 07:17:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164851	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	
35) Dibromofluoromethane	5.50	113	146720	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
50) Toluene-d8	8.72	98	486355	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	177555	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	858	0.243	ug/l #	85
5) Bromomethane	1.64	94	607	0.309	ug/l #	73
6) Chloroethane	1.72	64	95407	53.047	ug/l	96
11) Tert butyl alcohol	3.06	59	1019	1.196	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	36007	15.581	ug/l	92
13) Acrolein	2.32	56	162	0.267	ug/l #	10
15) Acrylonitrile	3.15	53	379	0.202	ug/l #	87
16) Acetone	2.45	43	7456	4.192	ug/l	93
18) Methyl Acetate	2.78	43	1329	0.295	ug/l #	81
20) Methylene Chloride	2.85	84	1114	Below Cal	#	86
24) 1,1-Dichloroethane	3.69	63	1293283	255.340	ug/l	98
25) 2-Butanone	4.70	43	1064	0.406	ug/l #	87
27) cis-1,2-Dichloroethene	4.60	96	1002	0.355	ug/l #	12
31) Cyclohexane	5.57	56	1037	0.268	ug/l #	48
32) 1,1,1-Trichloroethane	5.50	97	26662	6.820	ug/l	94
36) 1,1-Dichloropropene	5.67	75	14269	3.706	ug/l #	46
38) Carbon Tetrachloride	5.67	117	18624	4.602	ug/l #	18
40) Benzene	6.14	78	28235	2.342	ug/l #	84
44) Trichloroethene	7.22	130	660	0.223	ug/l	78
55) 1,1,2-Trichloroethane	9.16	97	699	0.241	ug/l #	14
56) Ethyl methacrylate	9.17	69	286	2.919	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	22	14.250	ug/l #	49
65) Chlorobenzene	10.14	112	6540	0.776	ug/l	100
70) Styrene	10.71	104	56	2.146	ug/l #	42
73) Isopropylbenzene	11.02	105	5443	0.467	ug/l	95
74) N-amyl acetate	10.88	43	95	1.762	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	87600	21.153	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	398	Below Cal		66
81) trans-1,4-Dichloro-2-buten	11.14	75	87600	57.387	ug/l #	10
83) tert-Butylbenzene	11.77	119	11201	1.168	ug/l	85
84) 1,2,4-Trimethylbenzene	11.94	105	50654	4.421	ug/l #	31
85) sec-Butylbenzene	11.94	105	50654	4.337	ug/l	83
87) 1,3-Dichlorobenzene	12.03	146	7021	1.112	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	30610	4.695	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

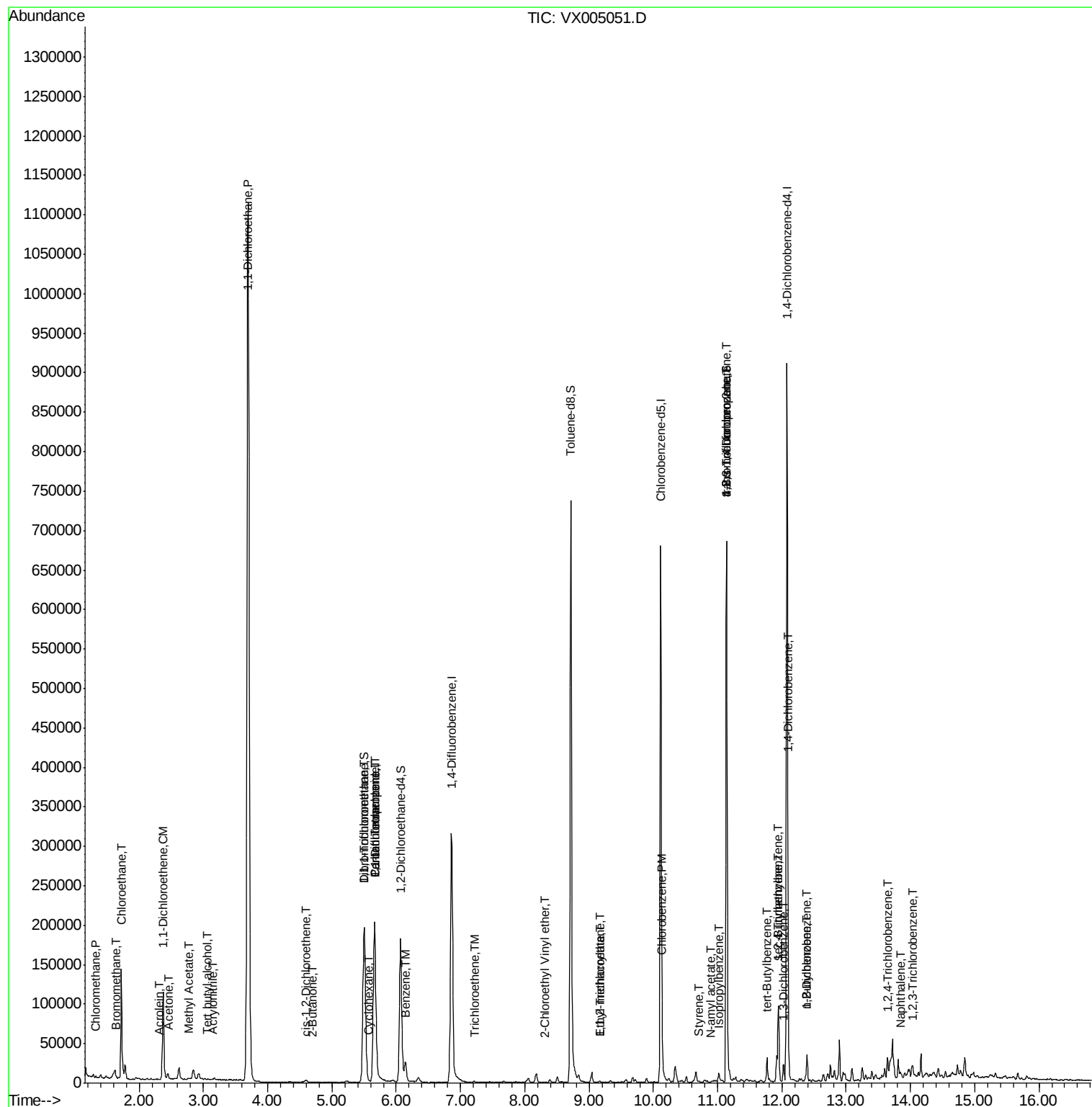
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	2031	0.211	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	9551	1.447	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	5261	1.136	ug/l #	84
95) Naphthalene	13.83	128	1269	0.801	ug/l #	60
96) 1,2,3-Trichlorobenzene	14.02	180	1732	0.362	ug/l #	1

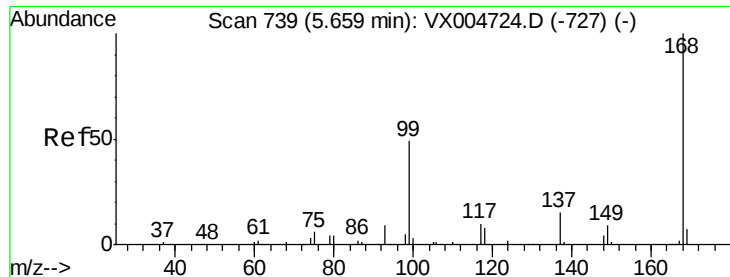
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

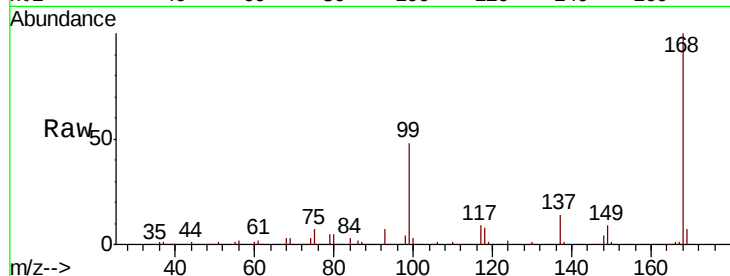
ClientSampleId :

Tot Ion:168 Resp: 213283

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

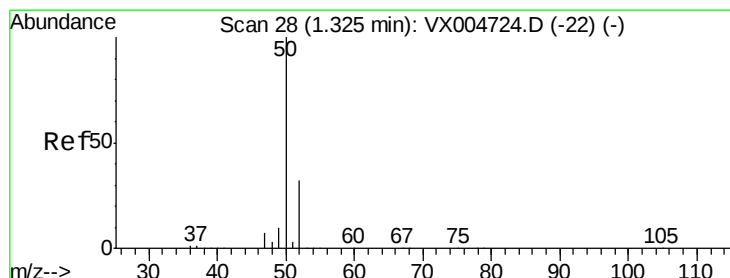
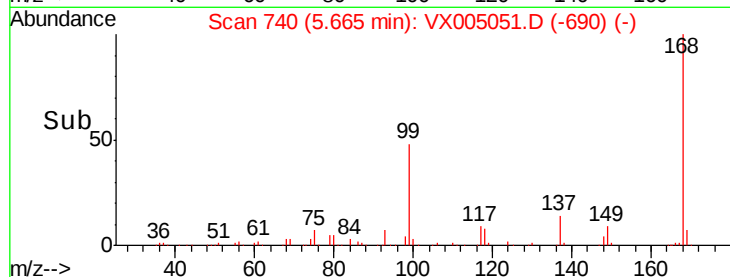
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.243 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005051.D

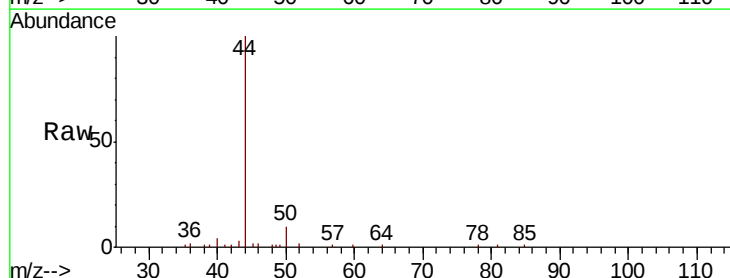
Acq: 05 Oct 2018 06:44

Tgt Ion: 50 Resp: 858

Ion Ratio Lower Upper

50 100

52 24.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

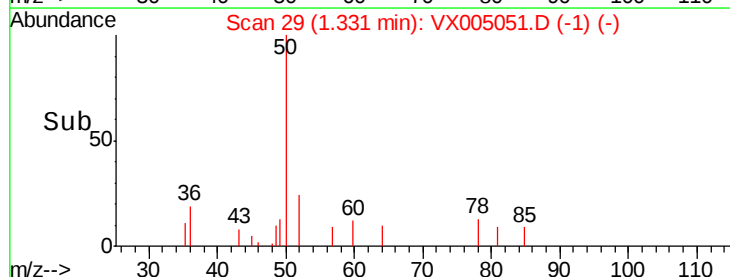
400

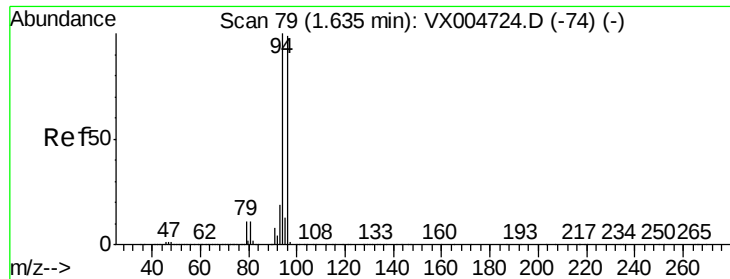
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.309 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

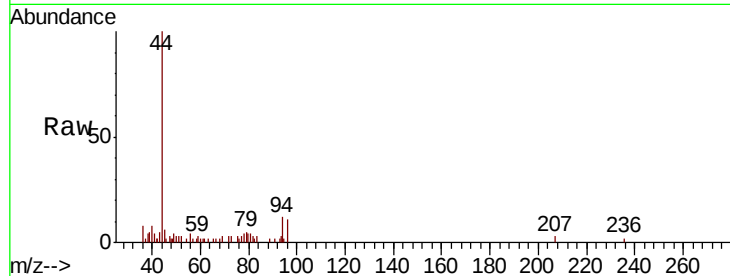
ClientSampleId :

Tot Ion: 94 Resp: 607

Ion Ratio Lower Upper

94 100

96 72.7 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

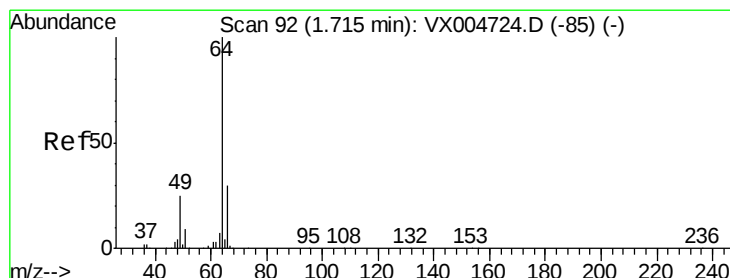
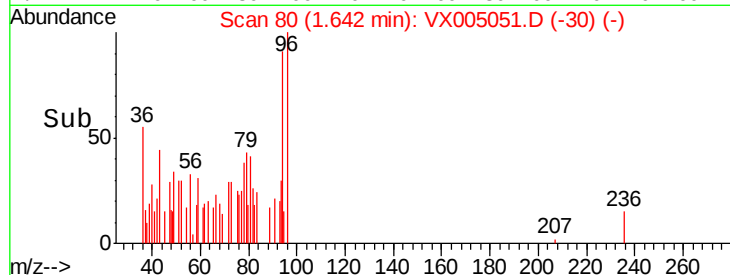
300

200

100

0

Time-->



#6

Chloroethane

Concen: 53.047 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005051.D

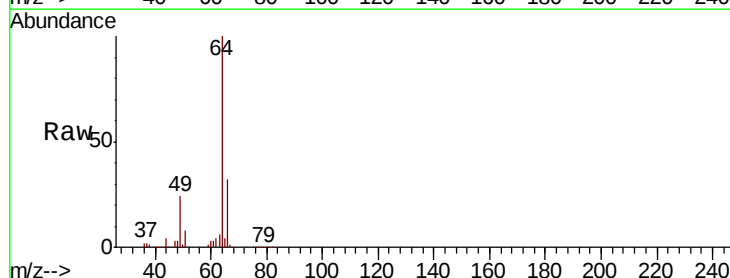
Acq: 05 Oct 2018 06:44

Tgt Ion: 64 Resp: 95407

Ion Ratio Lower Upper

64 100

66 31.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

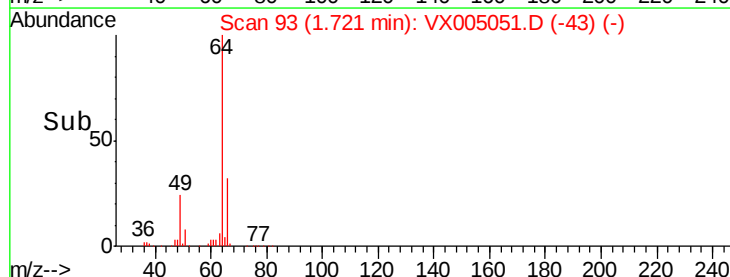
60000

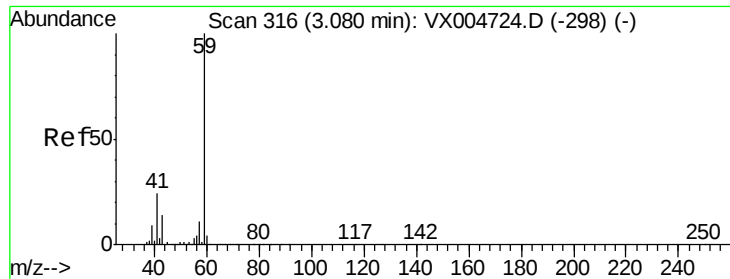
40000

20000

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Time-->

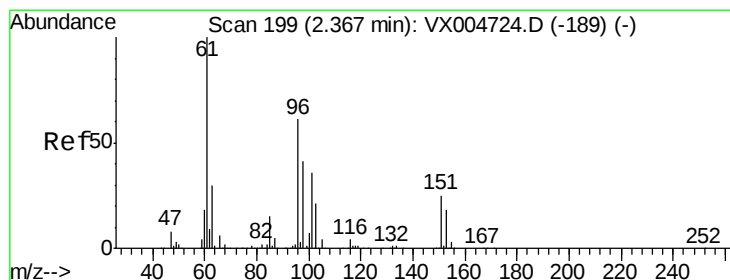
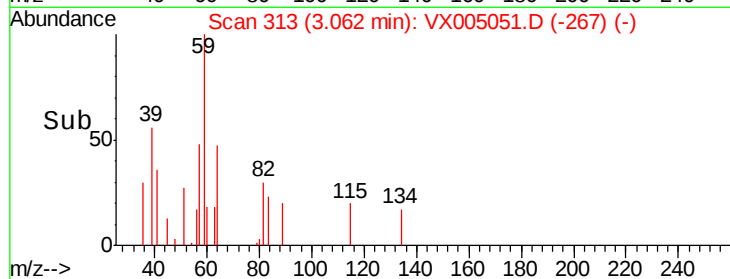
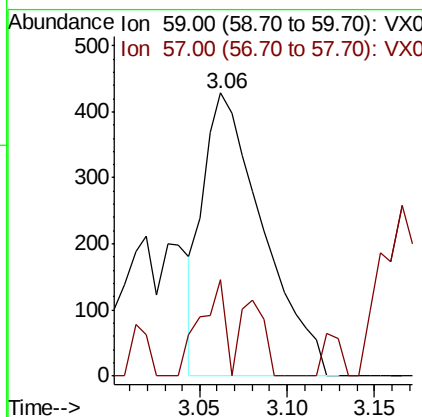
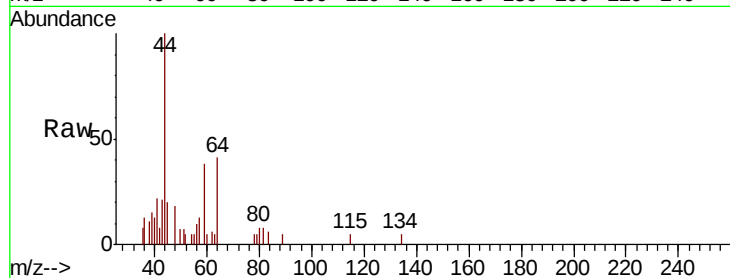




#11
Tert butyl alcohol
Concen: 1.196 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

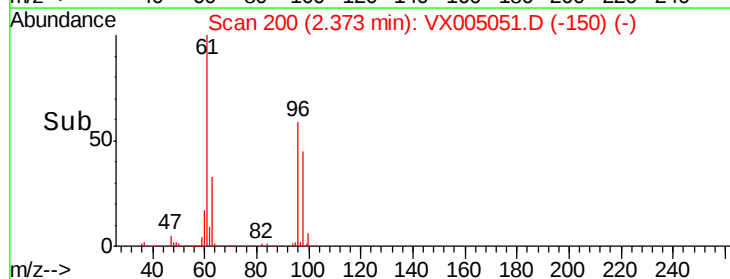
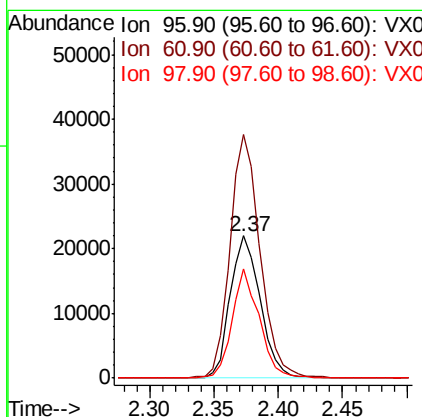
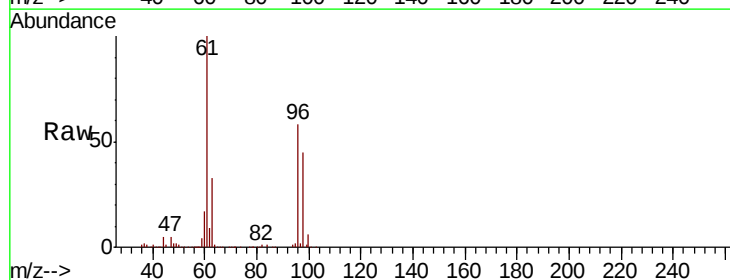
Instrument :
MSVOA_X
ClientSampled :

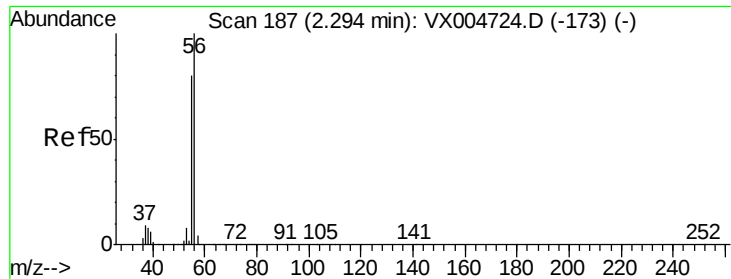
Tot Ion: 59 Resp: 1019
Ion Ratio Lower Upper
59 100
57 13.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 15.581 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion: 96 Resp: 36007
Ion Ratio Lower Upper
96 100
61 170.9 130.2 195.4
98 76.4 53.4 80.0

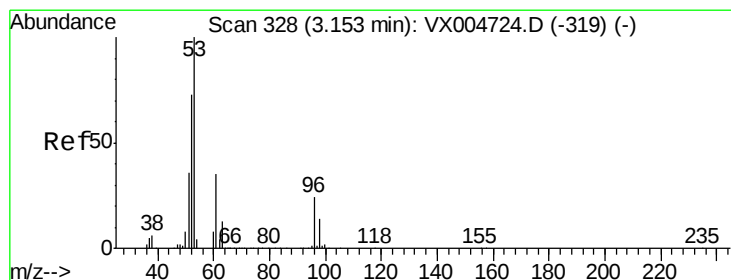
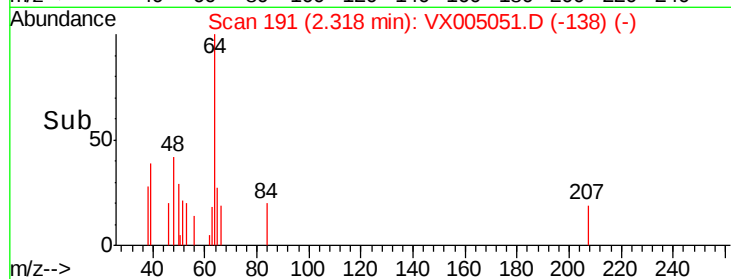
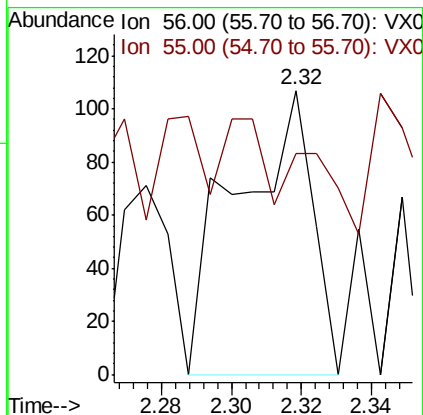
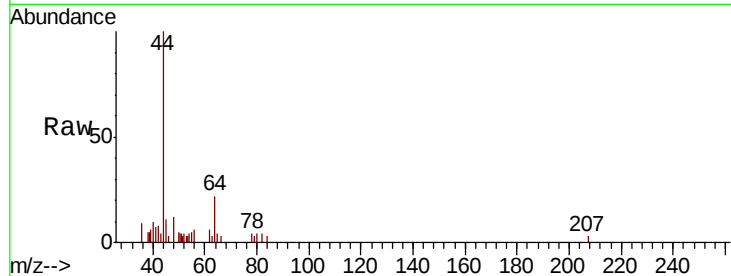




#13
Acrolein
Concen: 0.267 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

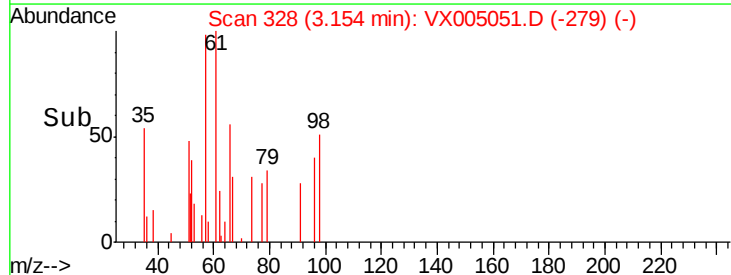
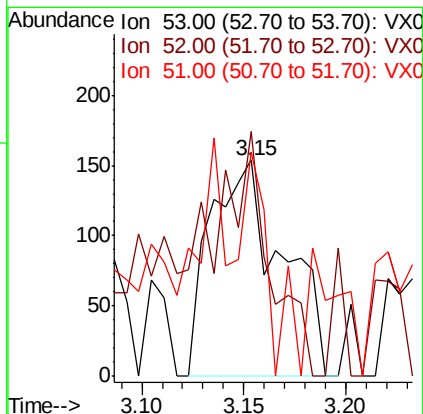
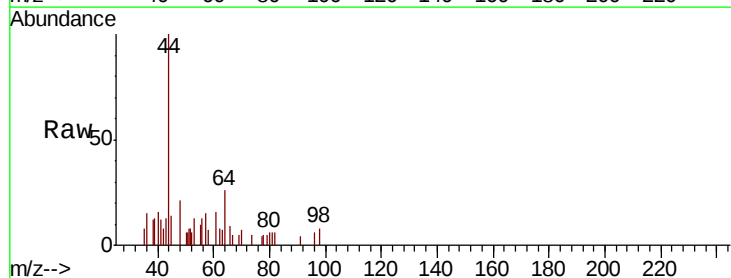
Instrument :
MSVOA_X
ClientSampleId :

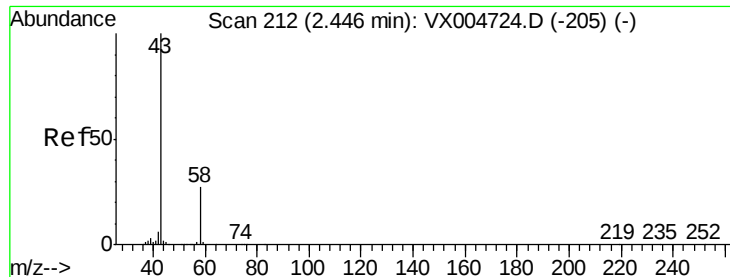
Tot Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 0.0 63.4 95.2#



#15
Acrylonitrile
Concen: 0.202 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion: 53 Resp: 379
Ion Ratio Lower Upper
53 100
52 83.9 63.0 94.4
51 18.5 28.6 42.8#

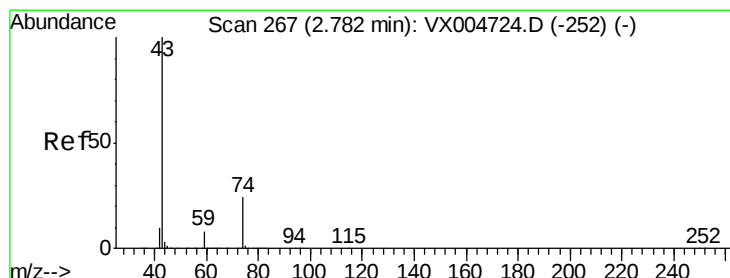
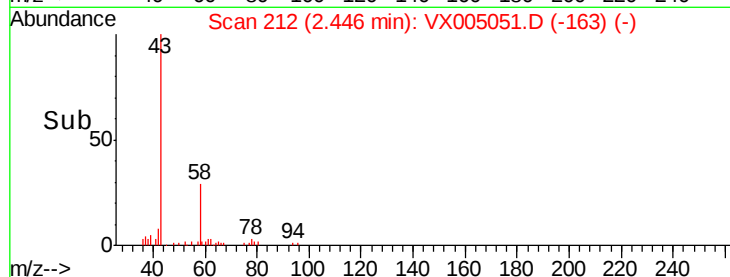
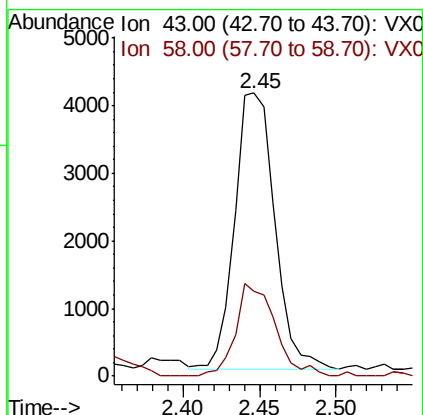
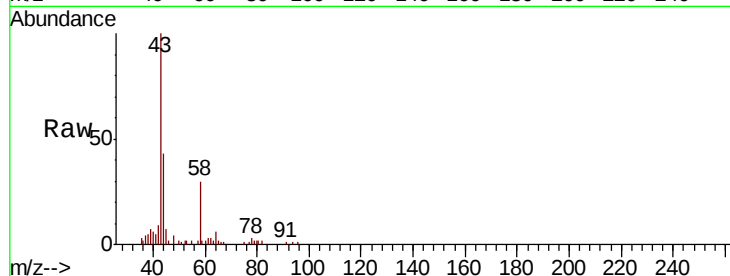




#16
Acetone
Concen: 4.192 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

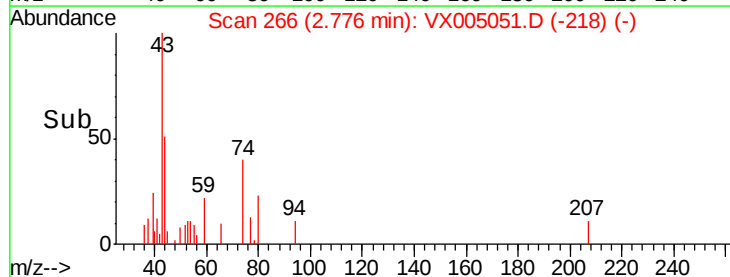
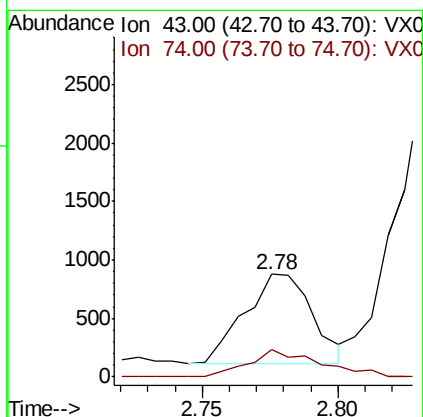
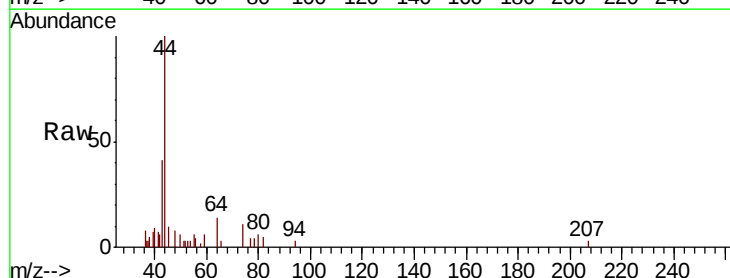
Instrument :
MSVOA_X
ClientSampleId :

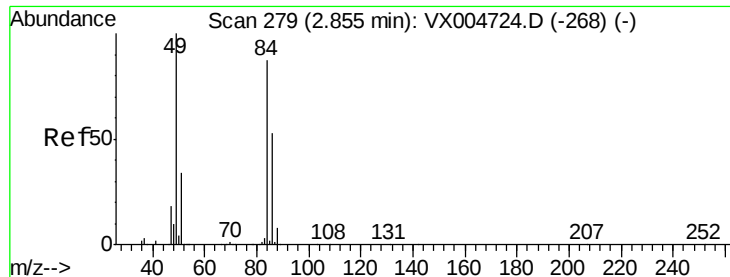
Tot Ion: 43 Resp: 7456
Ion Ratio Lower Upper
43 100
58 30.7 21.8 32.6



#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
74 31.6 17.8 26.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 278

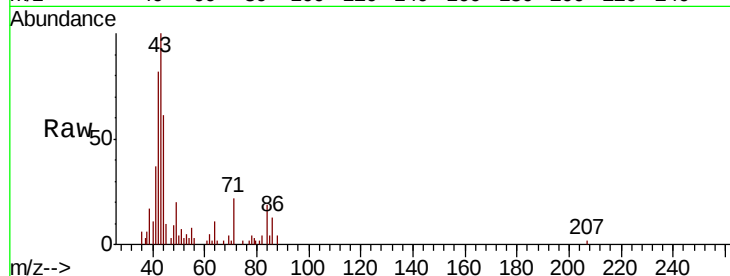
Delta R.T. -0.01 min

Lab File: VX005051.D

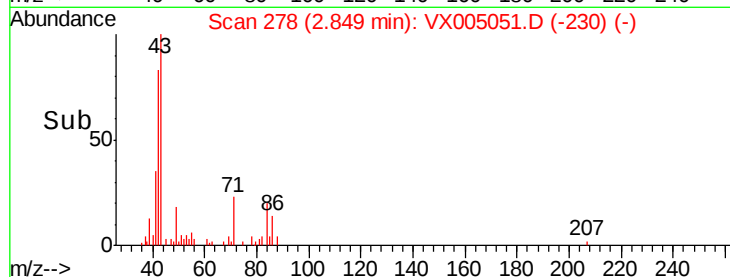
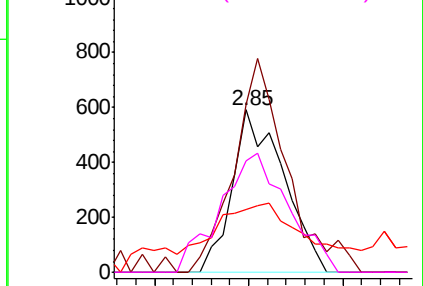
Acq: 05 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	1114
Ion	Ratio	Lower	Upper
84	100		
49	103.7	92.3	138.5
51	23.4	31.8	47.6#
86	68.7	48.5	72.7



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



#24

1,1-Dichloroethane

Concen: 255.340 ug/l

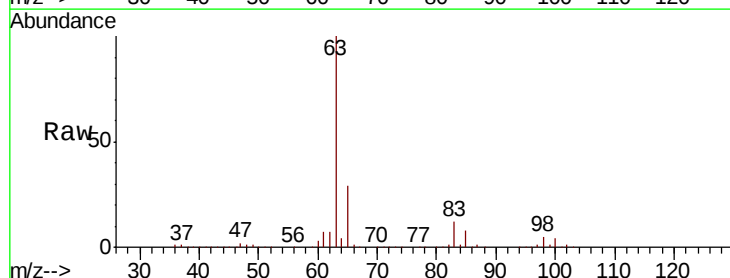
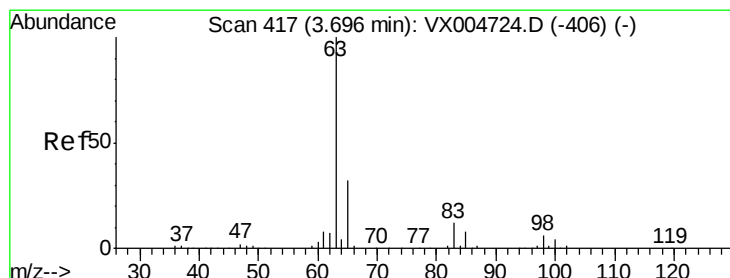
RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

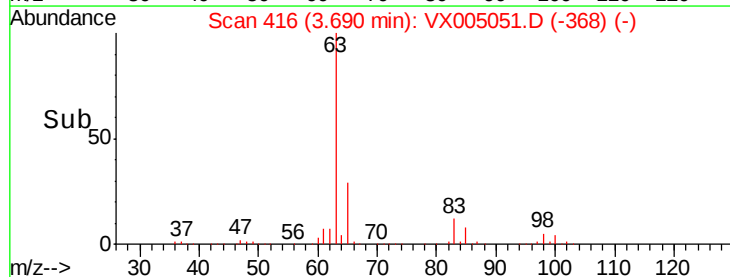
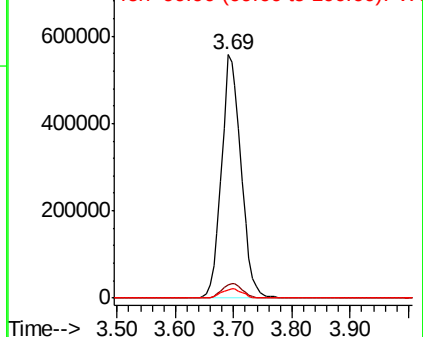
Lab File: VX005051.D

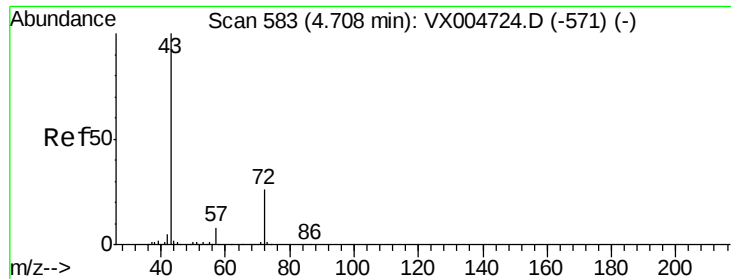
Acq: 05 Oct 2018 06:44

Tgt Ion:	63	Resp:	1293283
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.0	9.2
100	3.5	2.0	5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.406 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

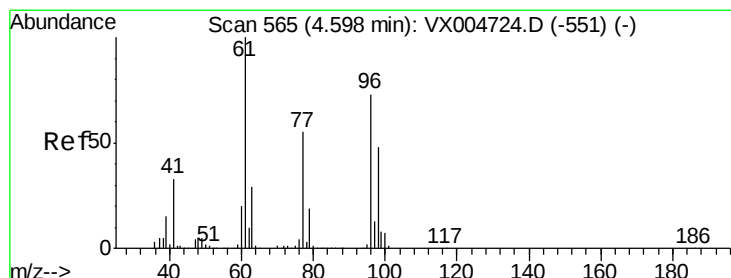
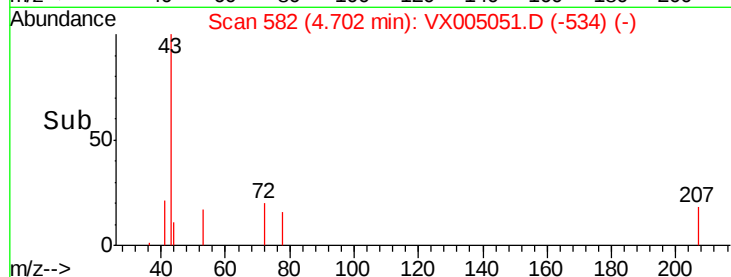
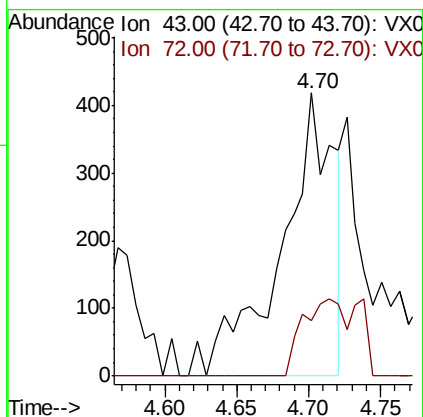
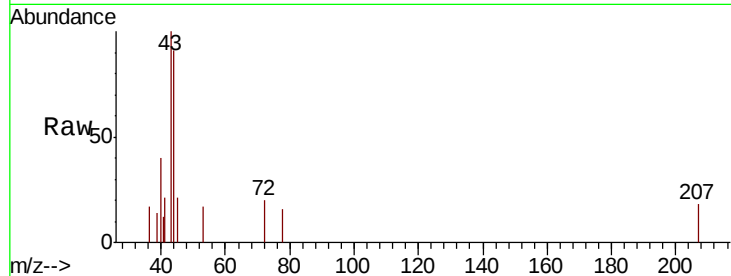
ClientSampled :

Tot Ion: 43 Resp: 1064

Ion Ratio Lower Upper

43 100

72 19.6 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 0.355 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

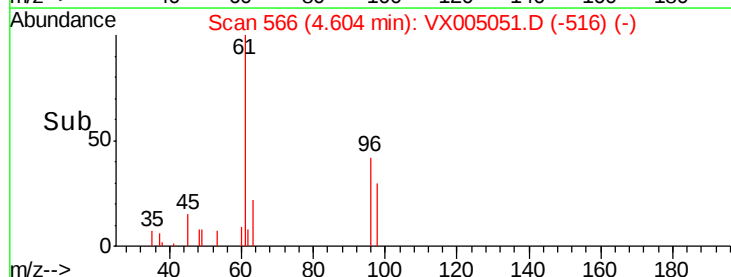
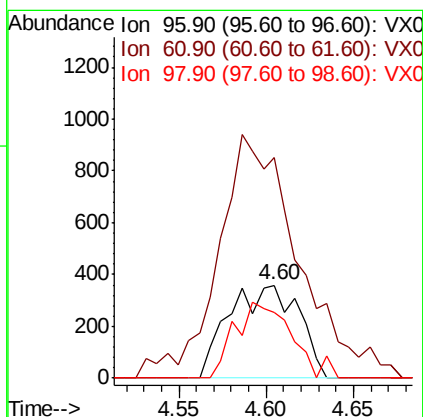
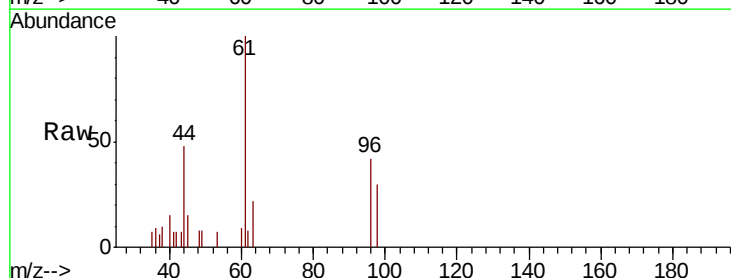
Tgt Ion: 96 Resp: 1002

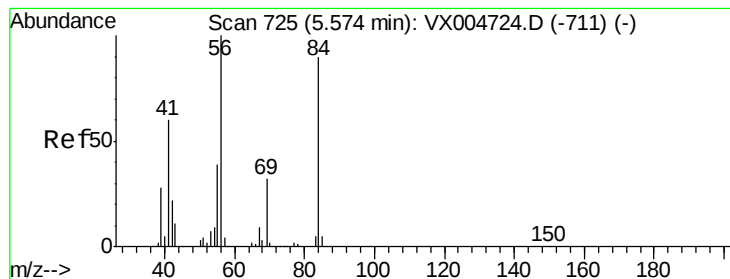
Ion Ratio Lower Upper

96 100

61 301.0 0.0 285.8#

98 66.4 0.0 136.2





#31

Cyclohexane

Concen: 0.268 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampled :

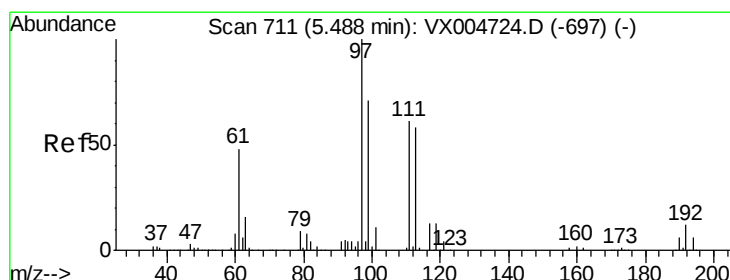
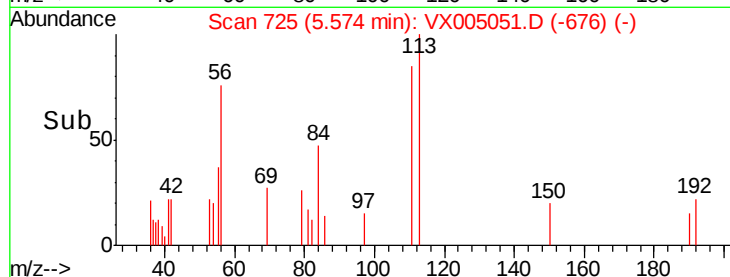
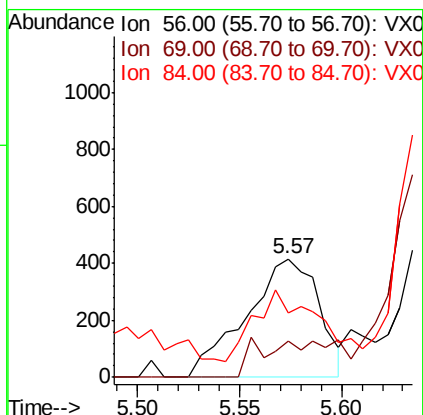
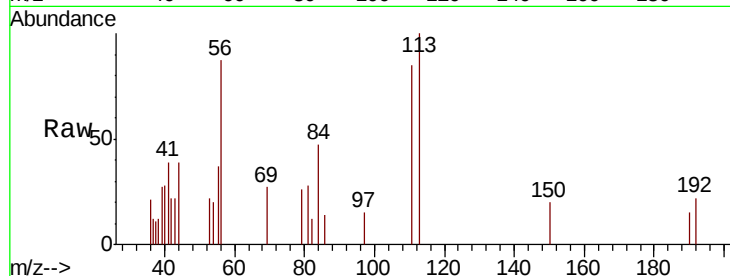
Tot Ion: 56 Resp: 1037

Ion Ratio Lower Upper

56 100

69 31.1 25.9 38.9

84 24.6 71.9 107.9#



#32

1,1,1-Trichloroethane

Concen: 6.820 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

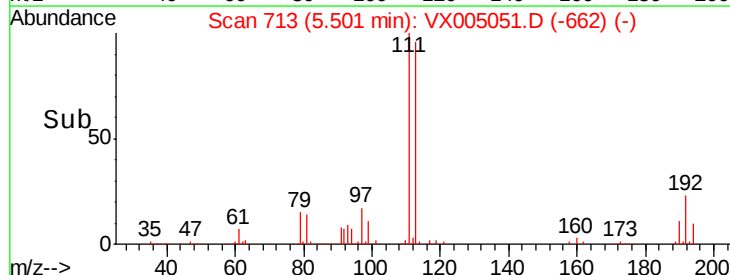
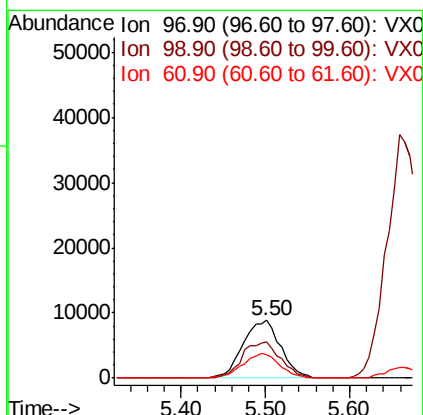
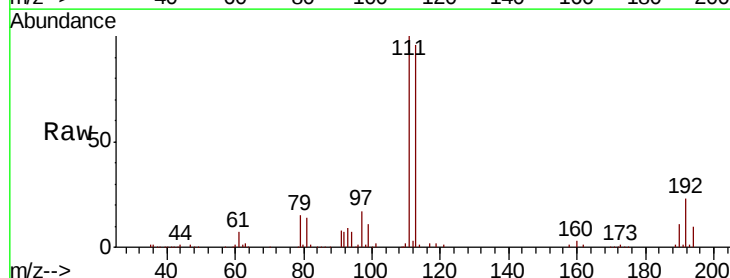
Tgt Ion: 97 Resp: 26662

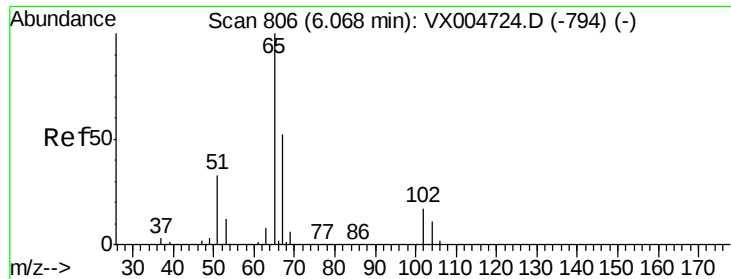
Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

61 42.3 37.5 56.3

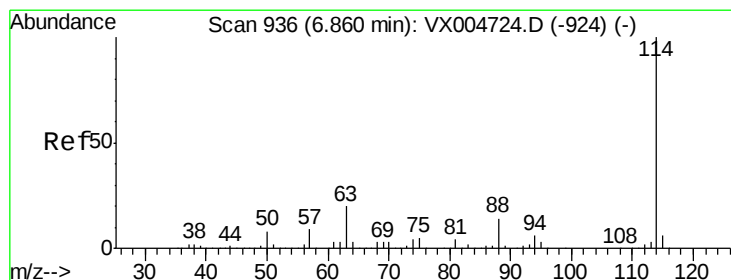
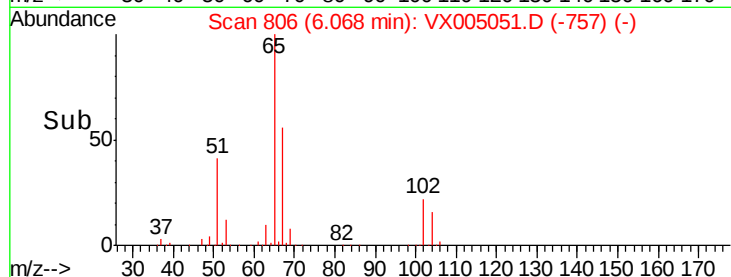
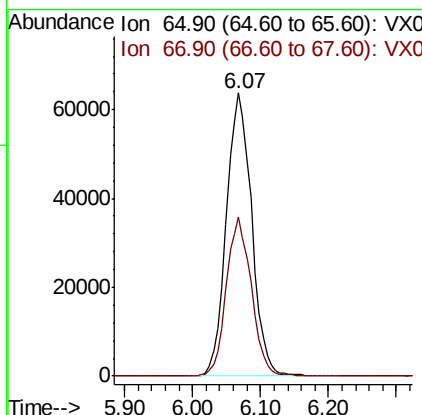
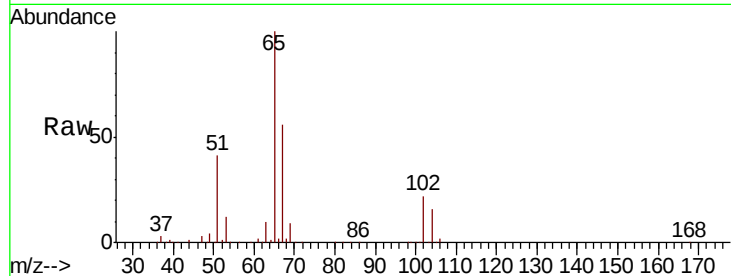




#33
 1,2-Dichloroethane-d4
 Concen: 54.107 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

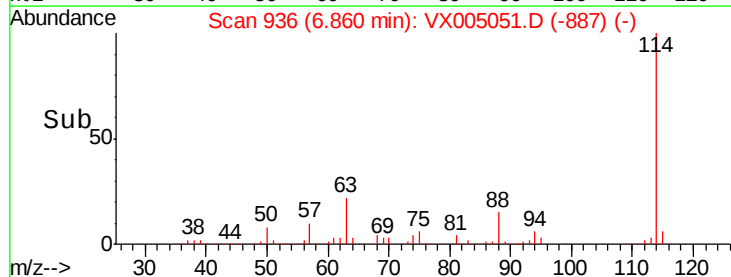
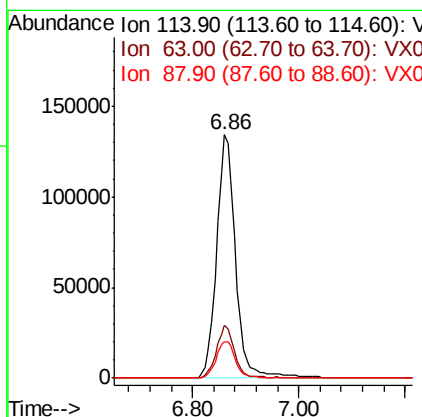
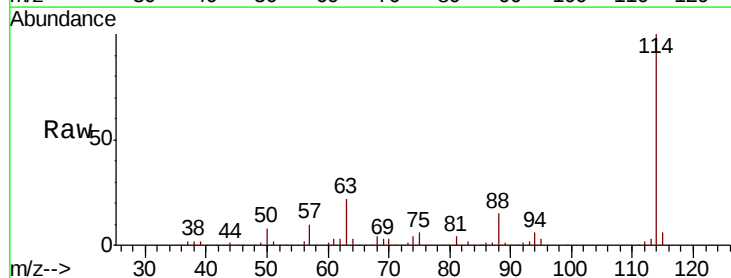
Instrument :
 MSVOA_X
 ClientSampleId :

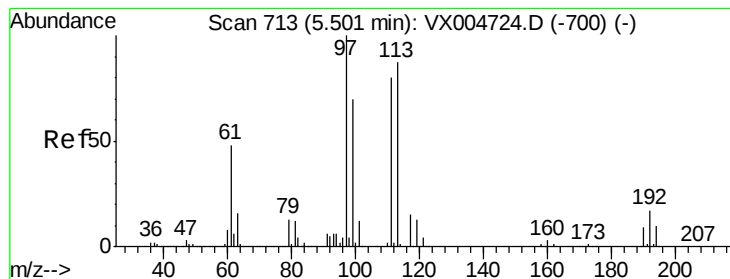
Tot Ion: 65 Resp: 164851
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Tgt Ion: 114 Resp: 332971
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 15.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.992 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

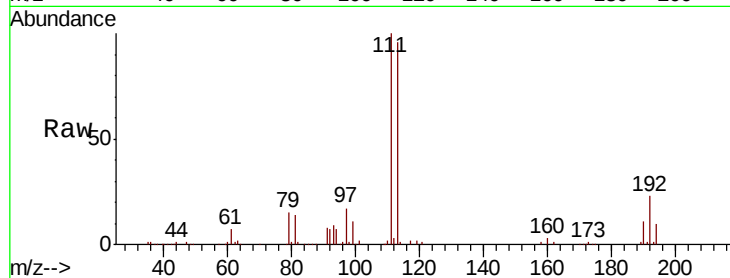
Tot Ion:113 Resp: 146720

Ion Ratio Lower Upper

113 100

111 104.7 77.0 115.4

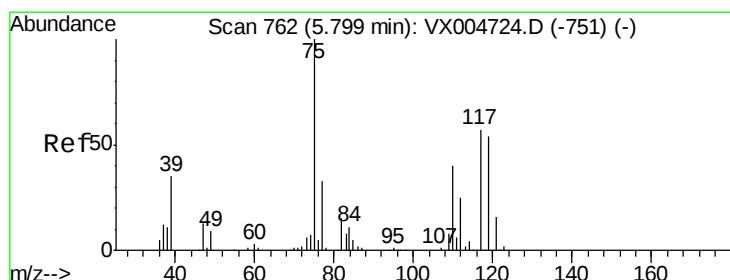
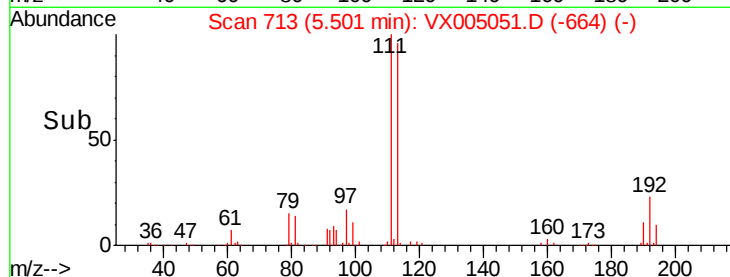
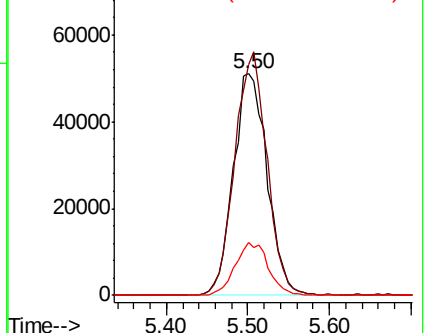
192 23.3 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.706 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

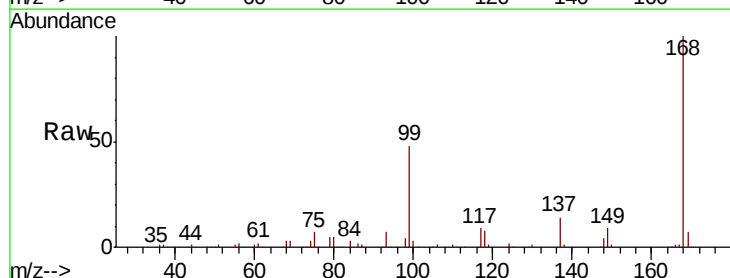
Tgt Ion: 75 Resp: 14269

Ion Ratio Lower Upper

75 100

110 8.8 20.0 59.9#

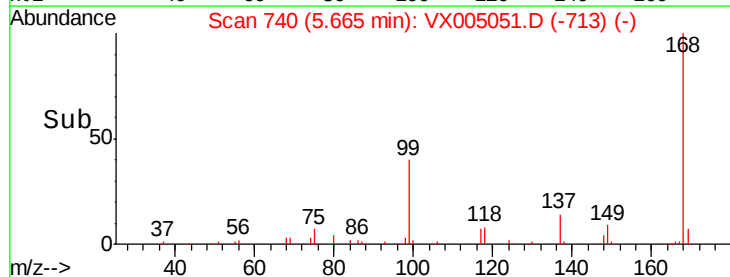
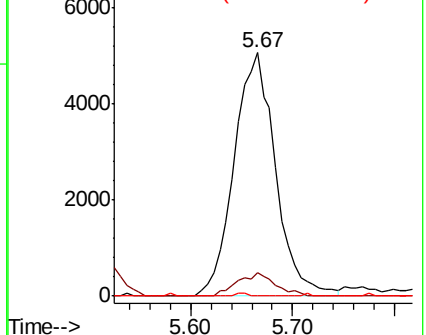
77 0.3 27.1 40.7#

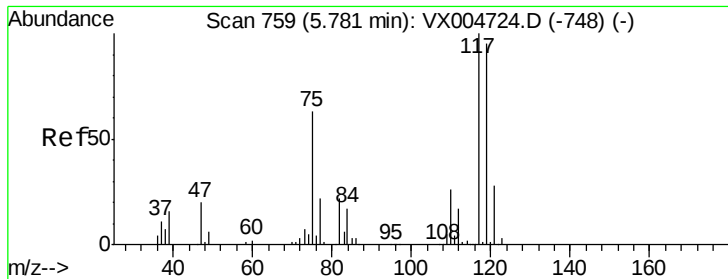


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

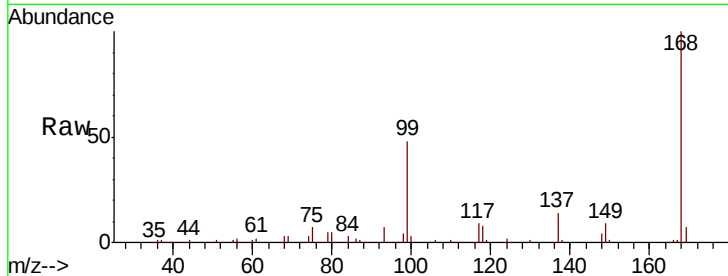




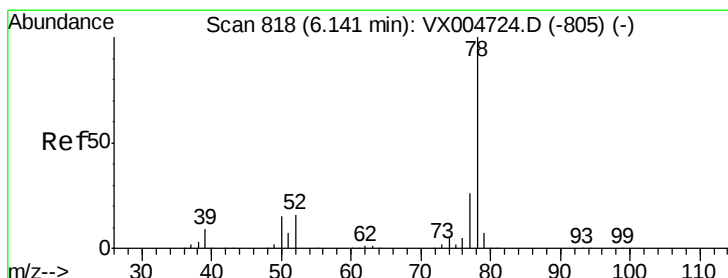
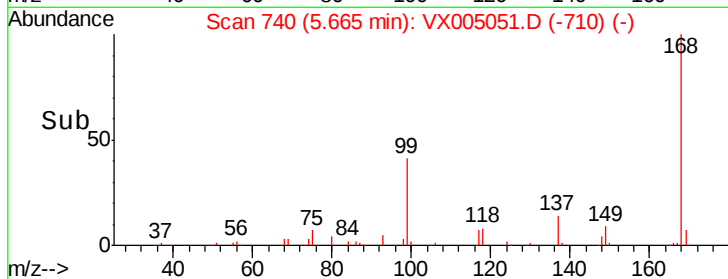
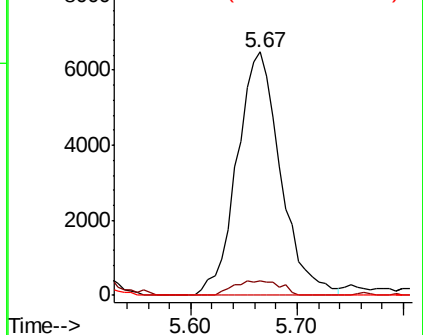
#38
Carbon Tetrachloride
Concen: 4.602 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 18624
Ion Ratio Lower Upper
117 100
119 6.1 75.2 112.8#
121 0.0 22.5 33.7#

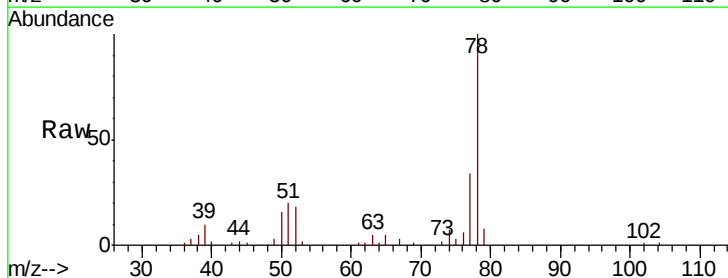


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

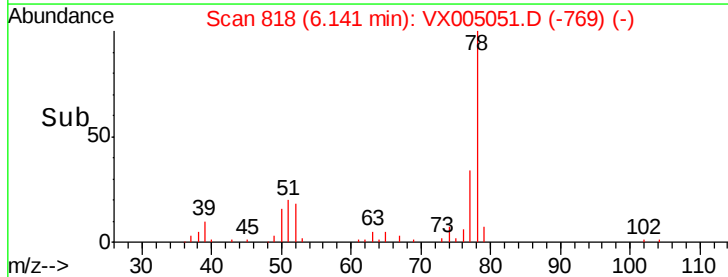
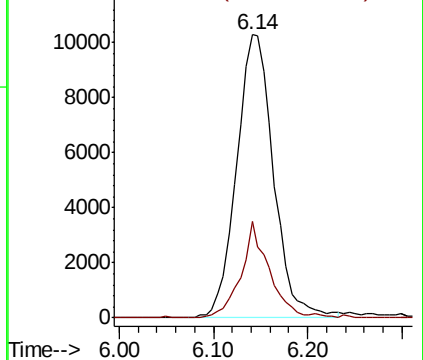


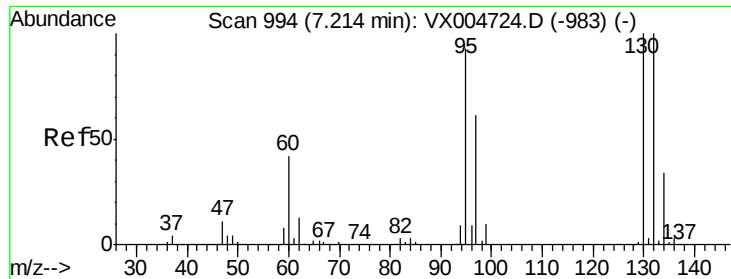
#40
Benzene
Concen: 2.342 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion: 78 Resp: 28235
Ion Ratio Lower Upper
78 100
77 34.3 21.0 31.4#



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

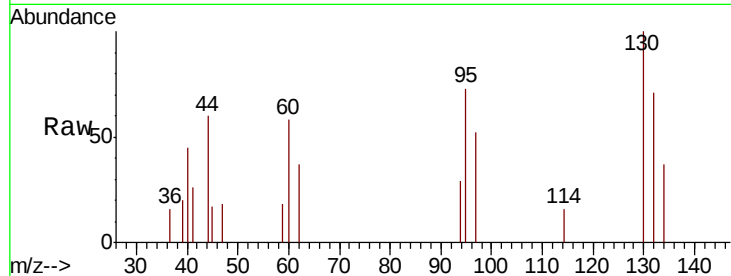




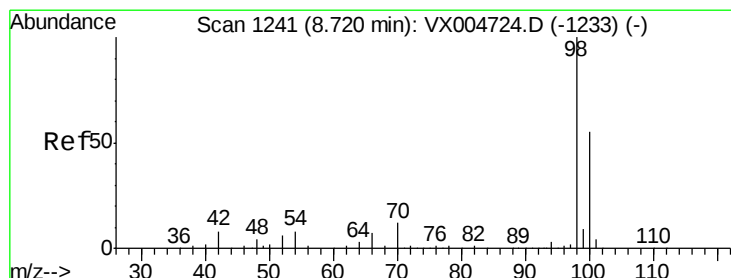
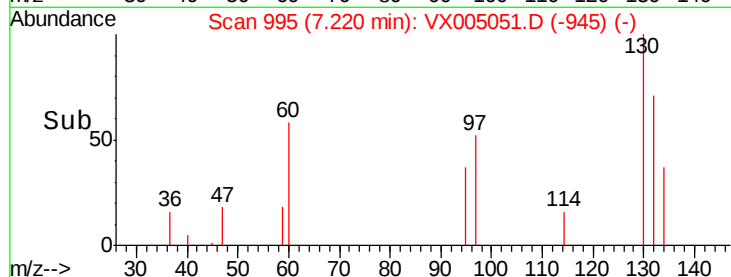
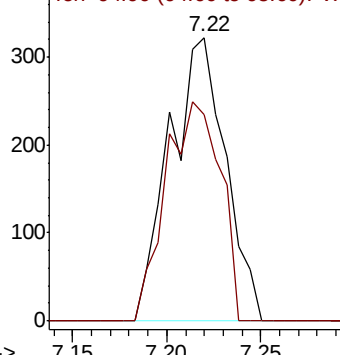
#44
 Trichloroethene
 Concen: 0.223 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 660
 Ion Ratio Lower Upper
 130 100
 95 72.7 0.0 186.8

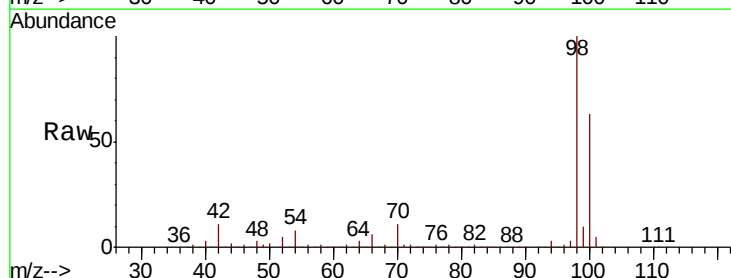


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

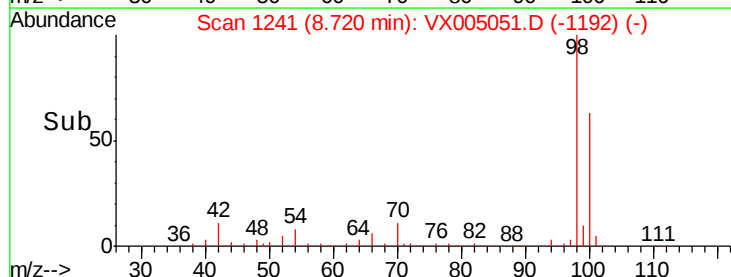
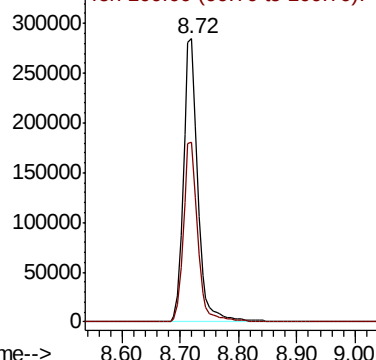


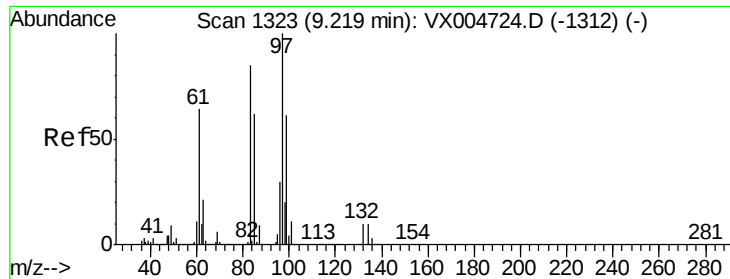
#50
 Toluene-d8
 Concen: 51.841 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Tgt Ion: 98 Resp: 486355
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.241 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 699

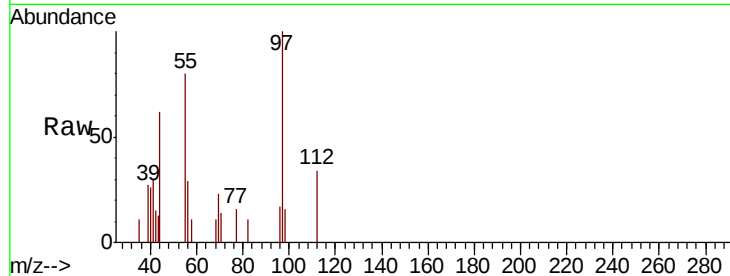
Ion Ratio Lower Upper

97 100

83 0.0 68.2 102.2#

85 0.0 49.9 74.9#

99 0.0 48.9 73.3#

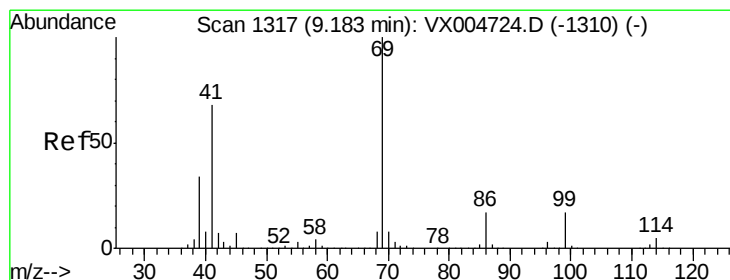
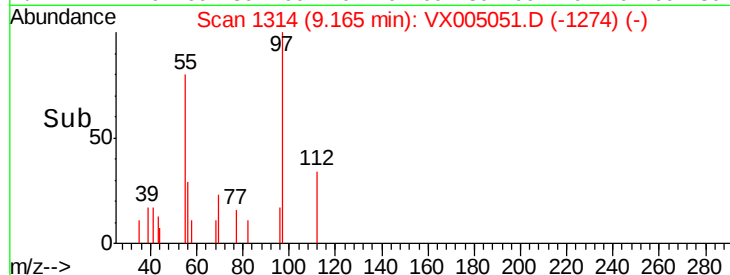
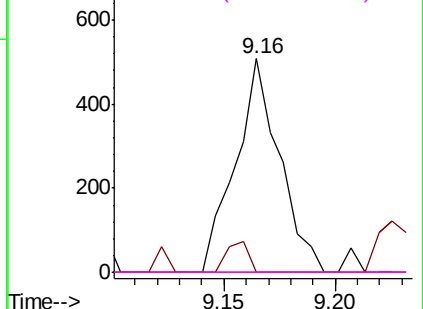


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.919 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

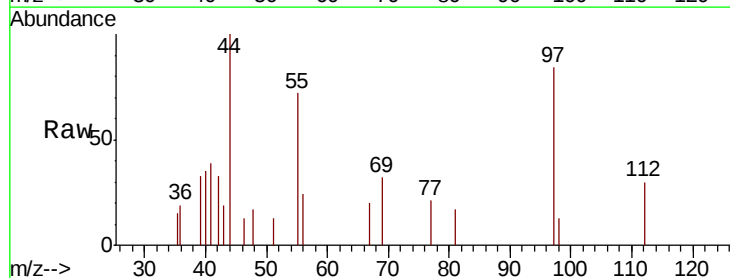
Tgt Ion: 69 Resp: 286

Ion Ratio Lower Upper

69 100

41 211.5 56.9 85.3#

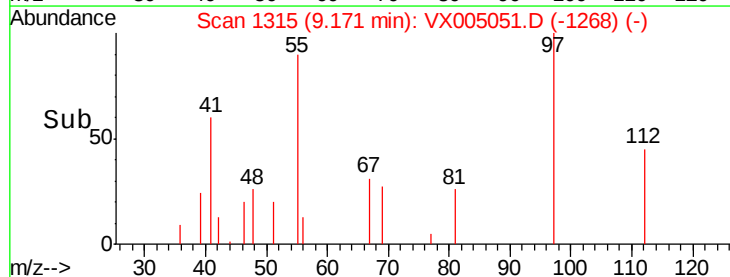
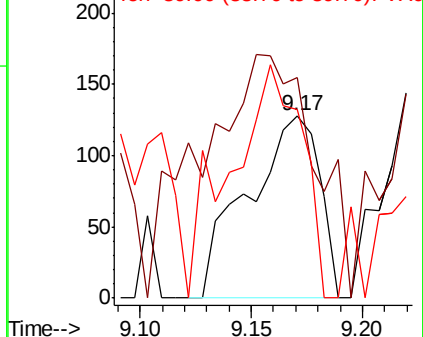
39 128.3 28.4 42.6#

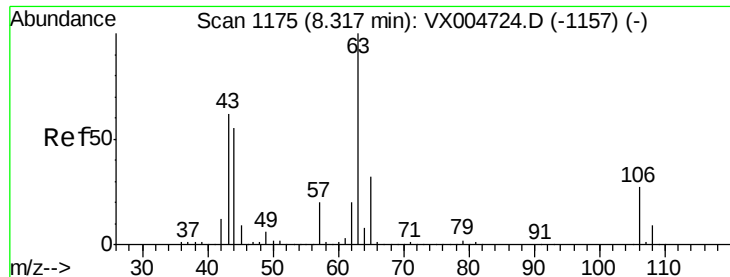


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

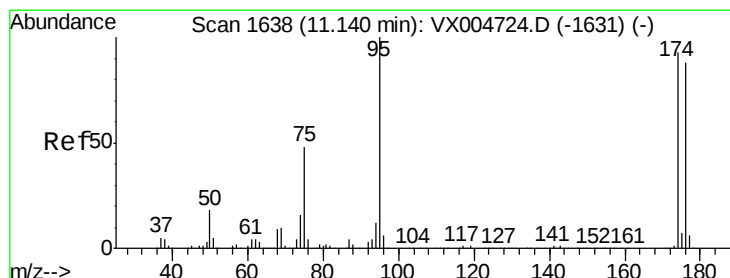
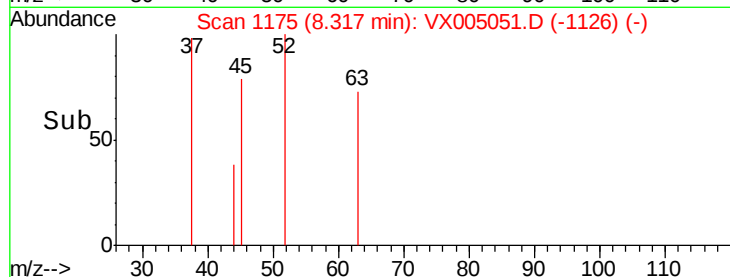
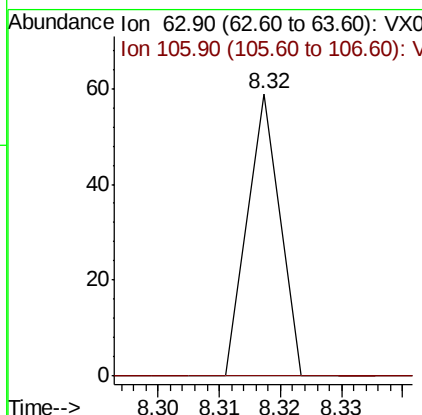
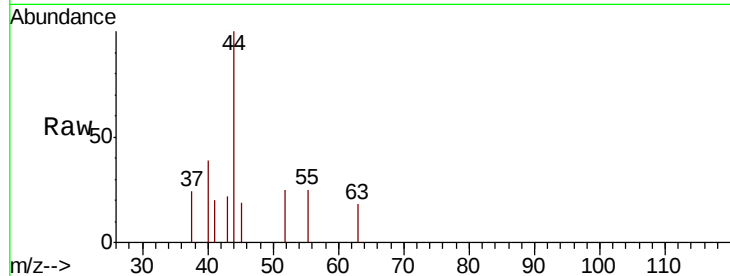




#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

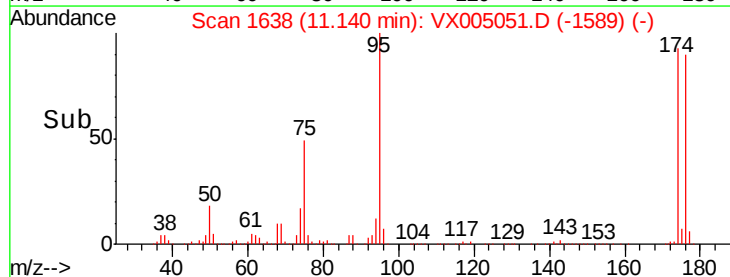
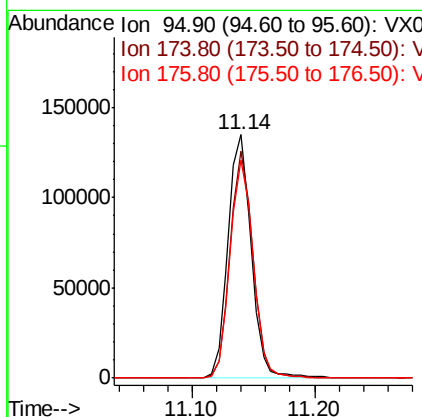
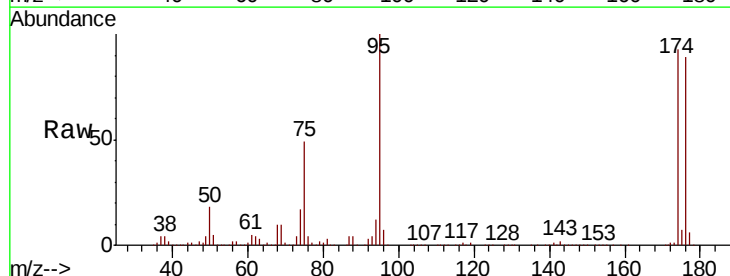
Instrument :
MSVOA_X
ClientSampleId :

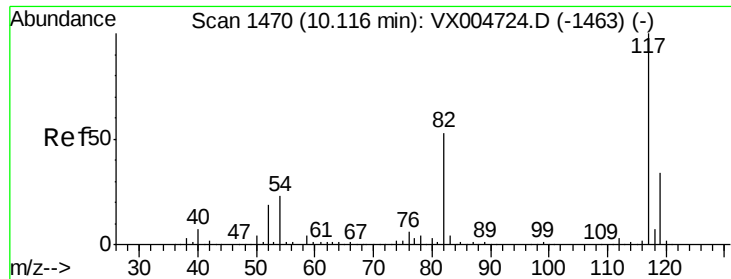
Tot Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#62
4-Bromofluorobenzene
Concen: 52.534 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion: 95 Resp: 177555
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.0
176 88.7 0.0 180.2

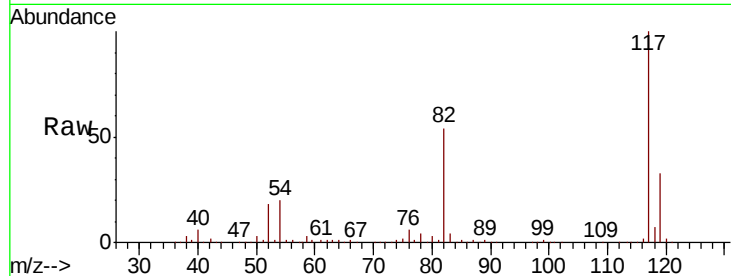




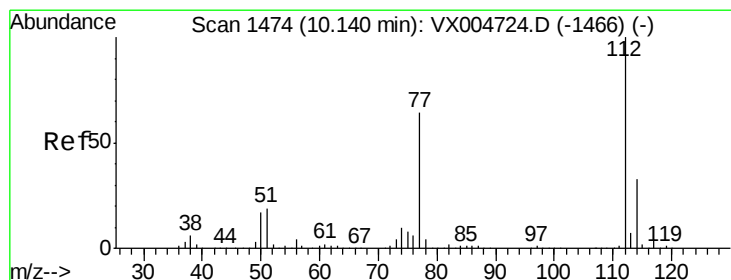
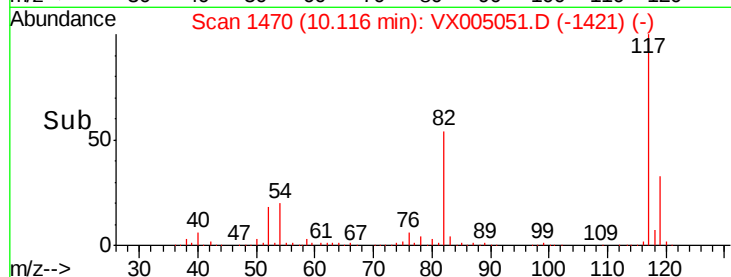
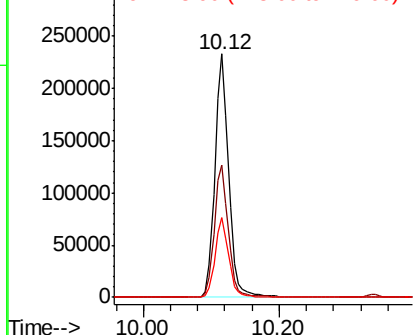
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 328459
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.8 27.4 41.0

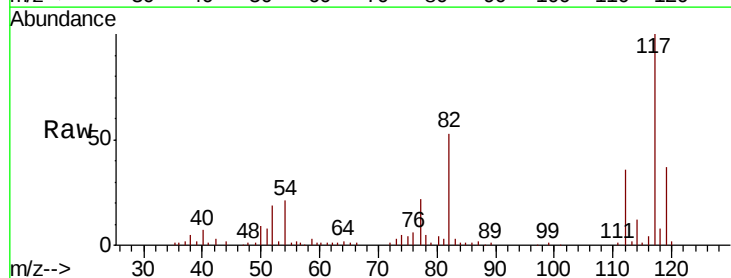


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

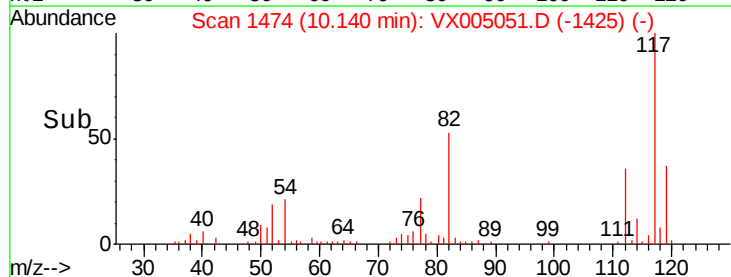
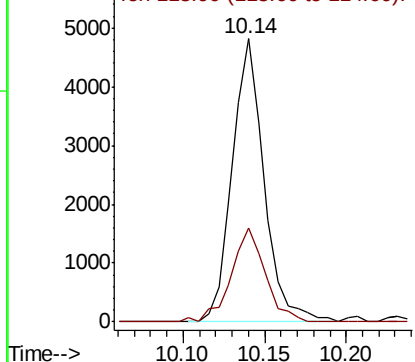


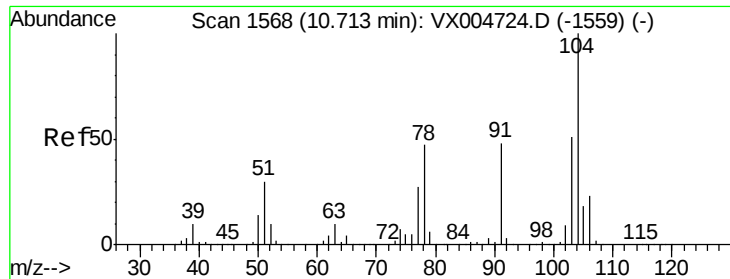
#65
Chlorobenzene
Concen: 0.776 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion:112 Resp: 6540
Ion Ratio Lower Upper
112 100
114 33.3 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#70

Stvrene

Concen: 2.146 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampled :

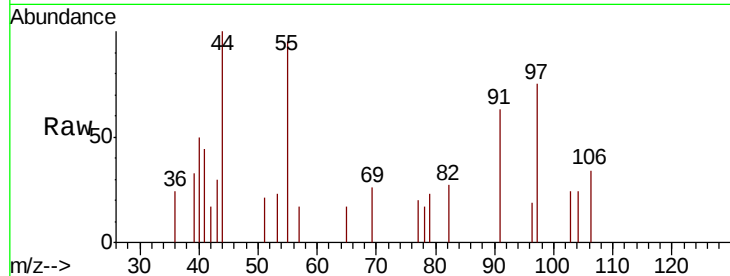
Tot Ion:104 Resp: 56

Ion Ratio Lower Upper

104 100

78 128.6 40.0 60.0#

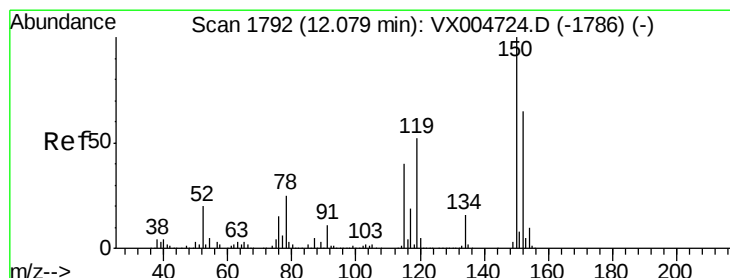
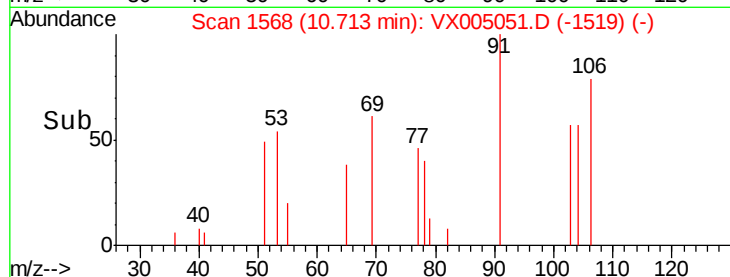
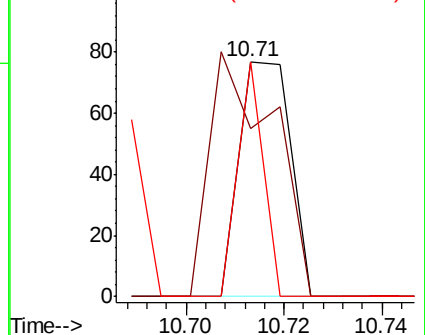
103 50.0 44.3 66.5



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: VX005051.D

Acq: 05 Oct 2018 06:44

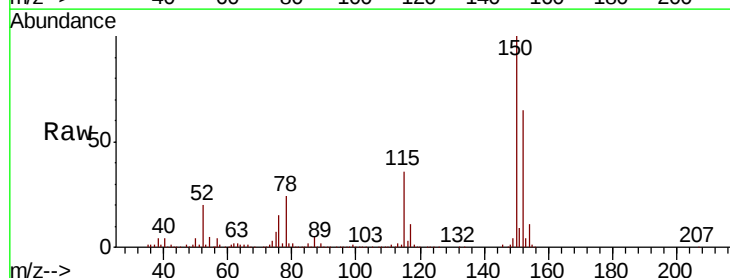
Tgt Ion:152 Resp: 184763

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

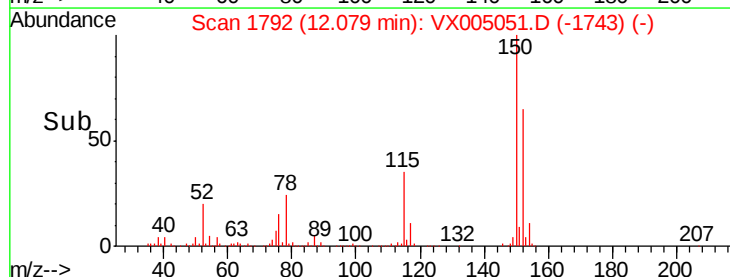
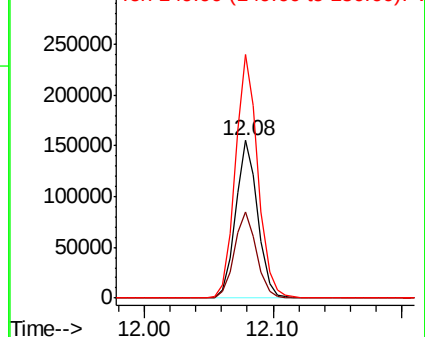
150 158.0 0.0 351.0

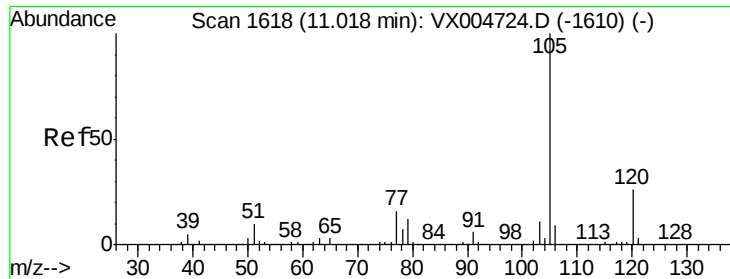


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.467 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

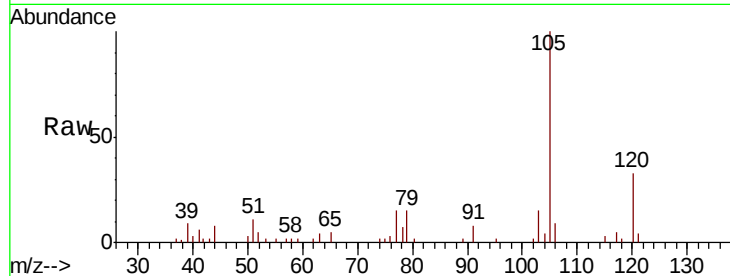
ClientSampleId :

Tot Ion:105 Resp: 5443

Ion Ratio Lower Upper

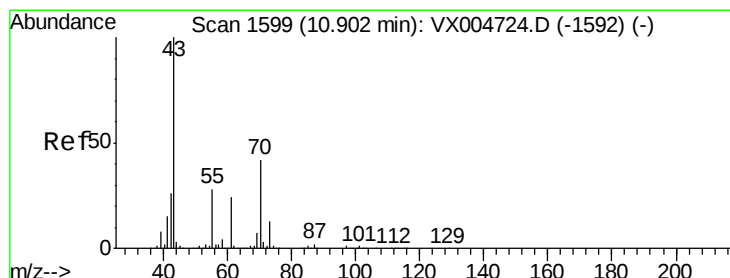
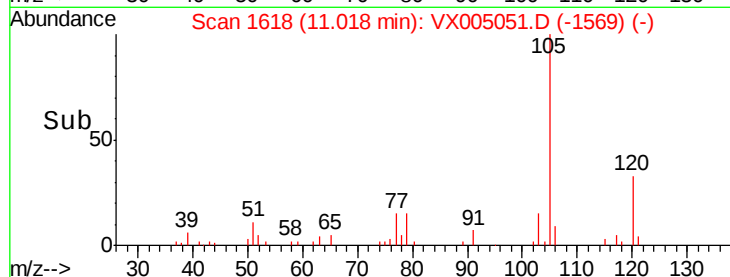
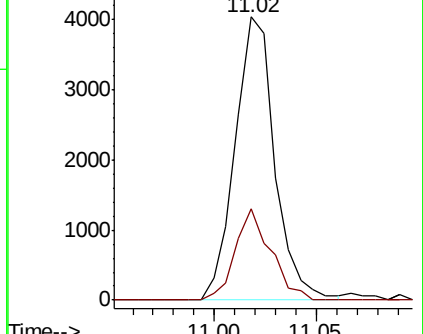
105 100

120 28.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.762 ug/l

RT: 10.88 min Scan# 1596

Delta R.T. -0.02 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Tgt Ion: 43 Resp: 95

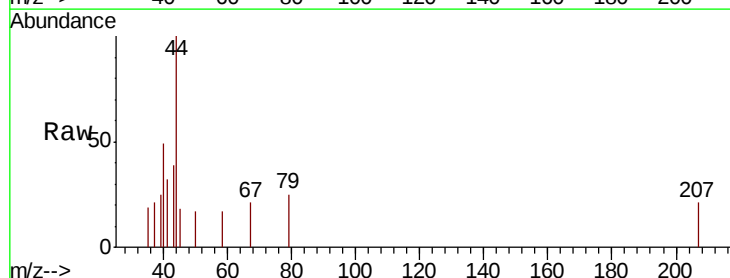
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

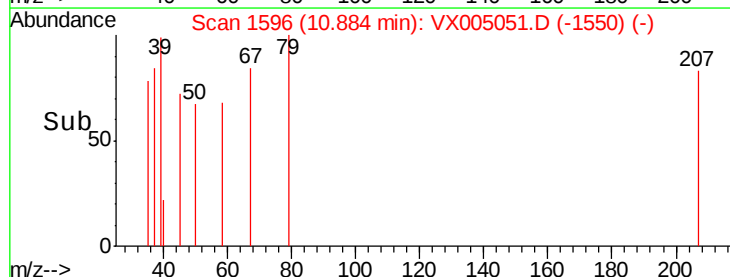
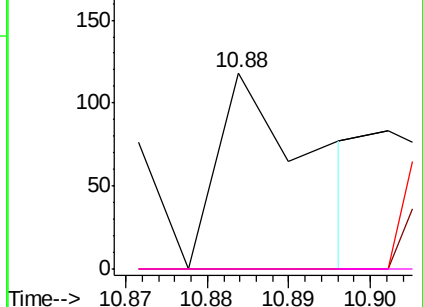


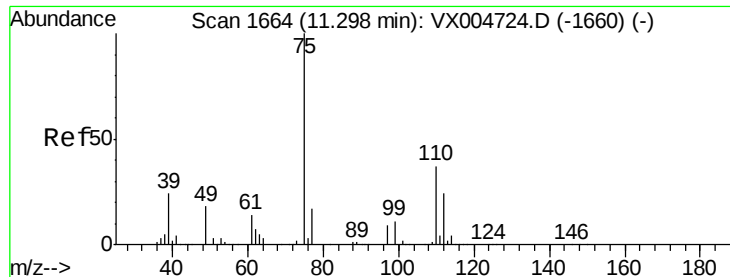
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

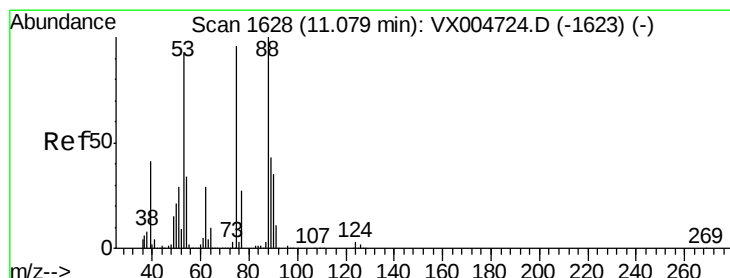
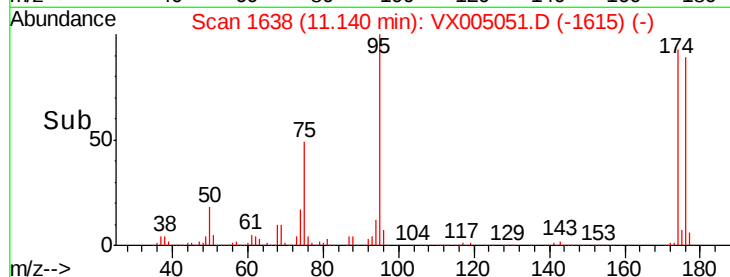
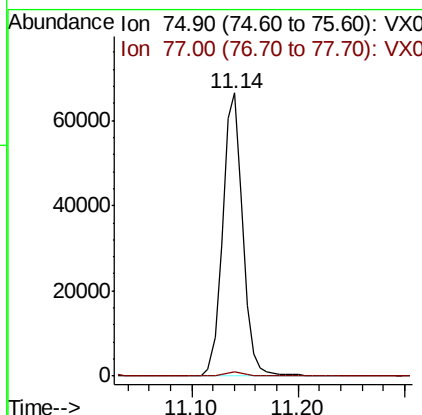
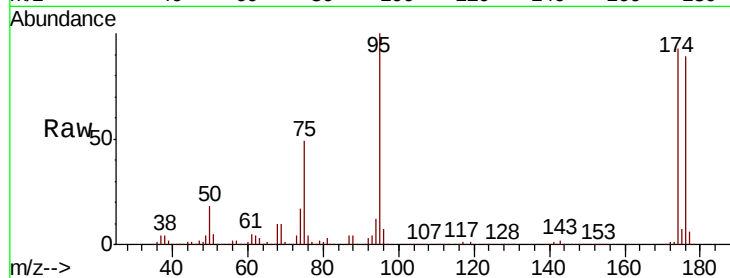




#76
 1,2,3-Trichloropropane
 Concen: 21.153 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

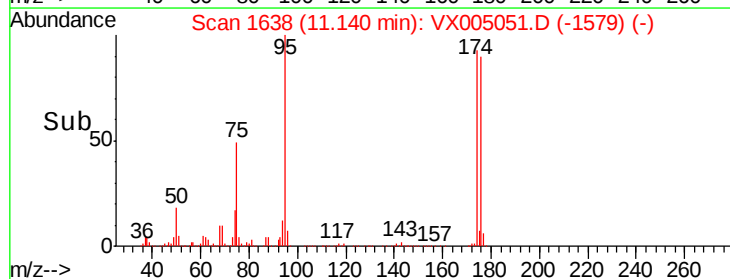
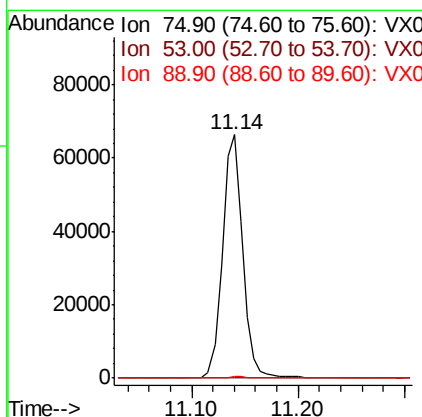
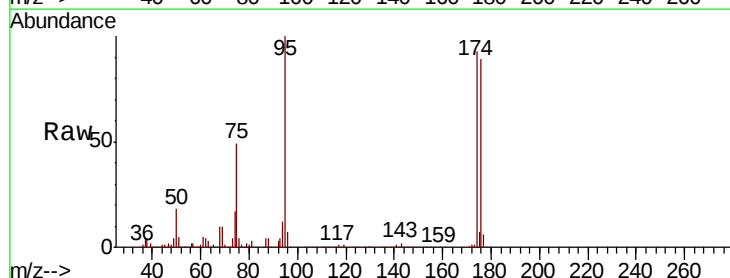
Instrument :
 MSVOA_X
 ClientSampleId :

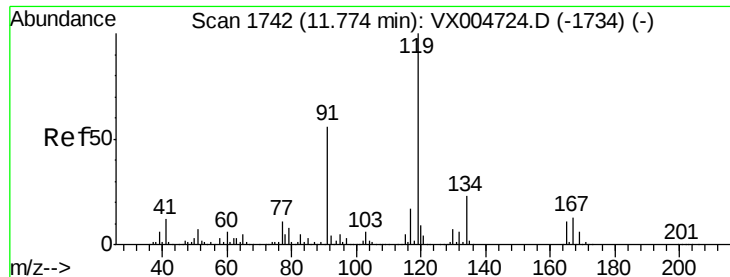
Tot Ion: 75 Resp: 87600
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.387 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Tgt Ion: 75 Resp: 87600
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.2 120.4#
 89 0.6 37.1 55.7#

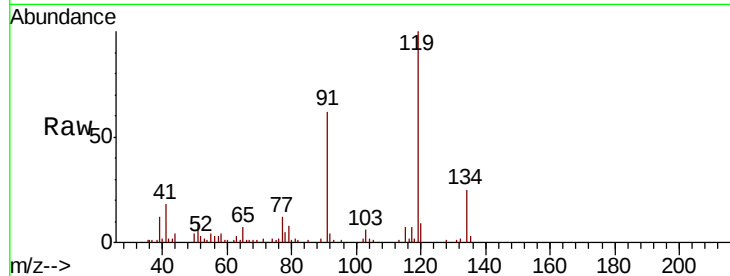




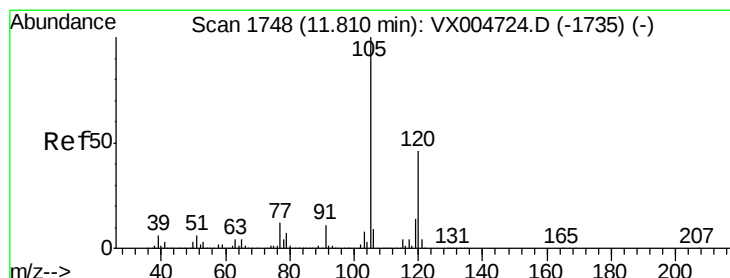
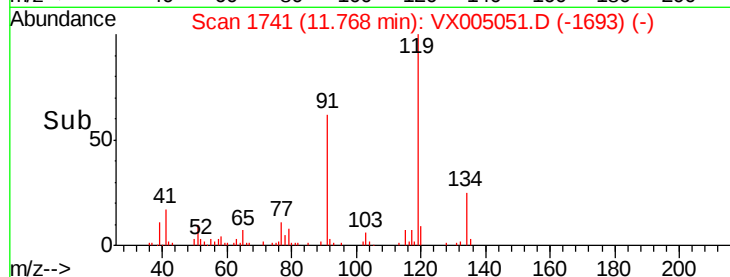
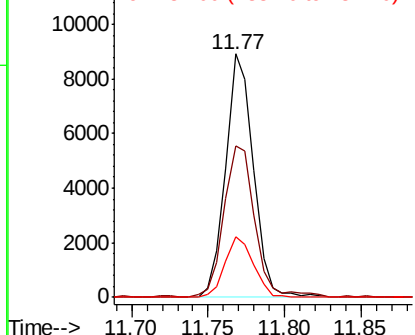
#83
tert-Butylbenzene
Concen: 1.168 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 11201
Ion Ratio Lower Upper
119 100
91 69.3 27.5 82.5
134 25.3 11.5 34.4

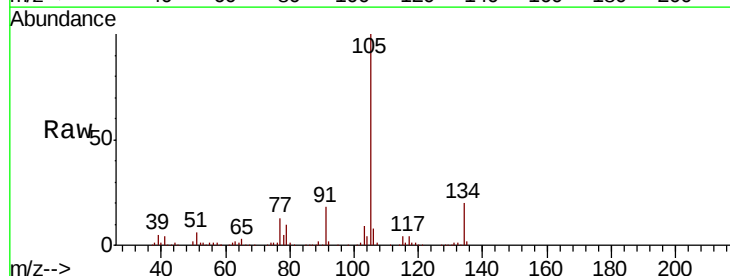


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

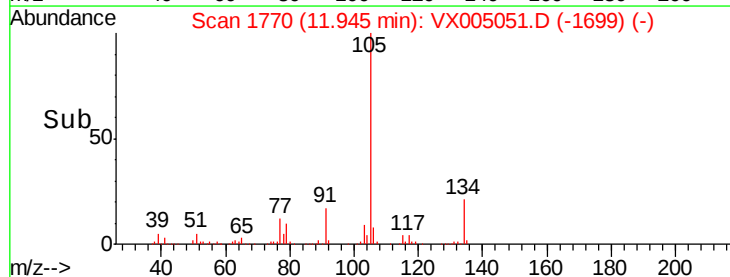
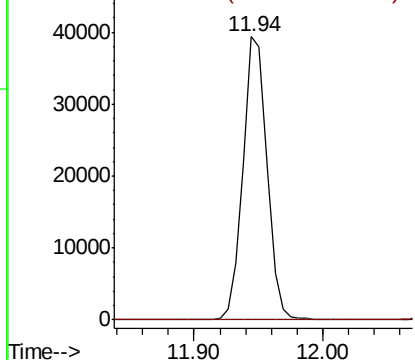


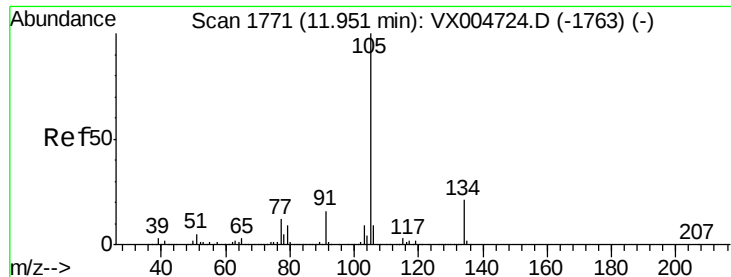
#84
1,2,4-Trimethylbenzene
Concen: 4.421 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.13 min
Lab File: VX005051.D
Acq: 05 Oct 2018 06:44

Tgt Ion:105 Resp: 50654
Ion Ratio Lower Upper
105 100
120 0.1 22.8 68.3#



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





#85

sec-Butylbenzene

Concen: 4.337 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

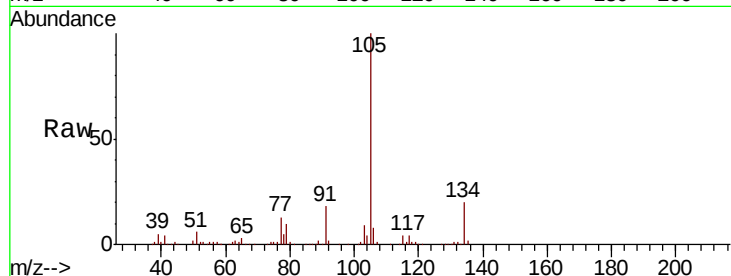
ClientSampleId :

Tot Ion:105 Resp: 50654

Ion Ratio Lower Upper

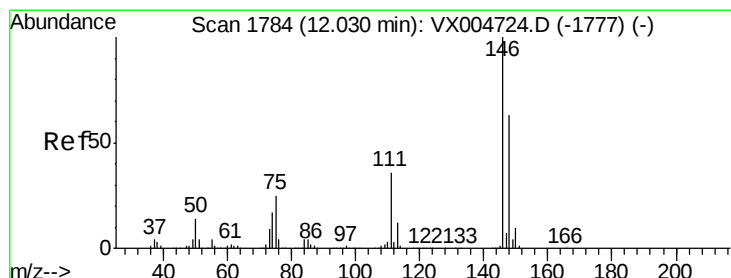
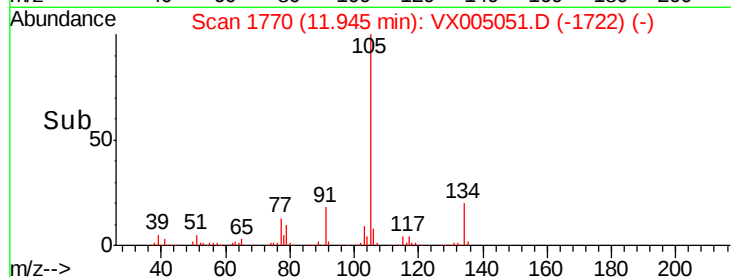
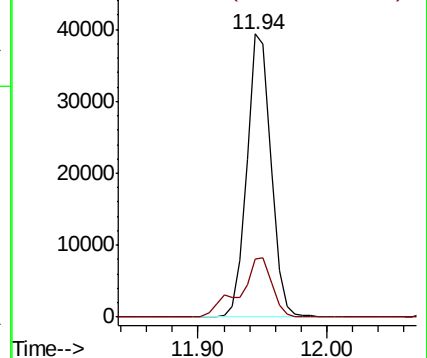
105 100

134 27.9 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 1.112 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

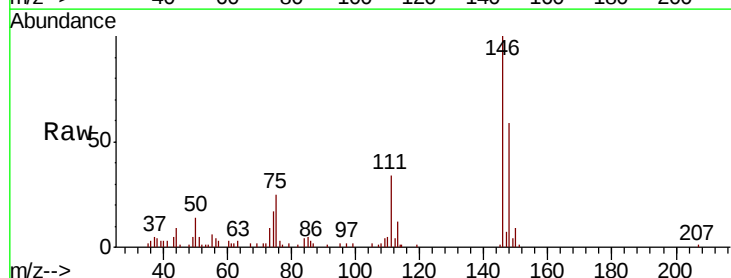
Tgt Ion:146 Resp: 7021

Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.9

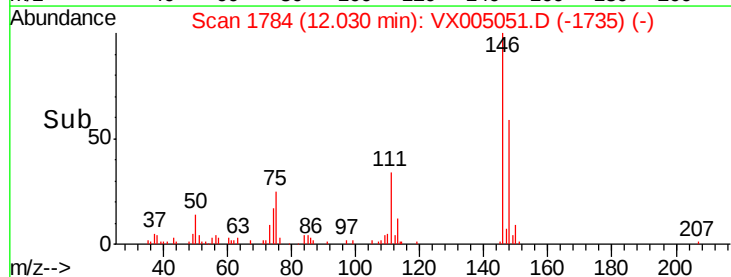
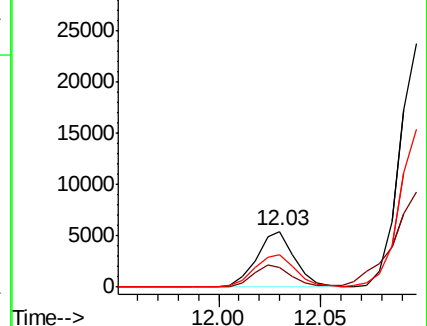
148 62.4 31.8 95.3

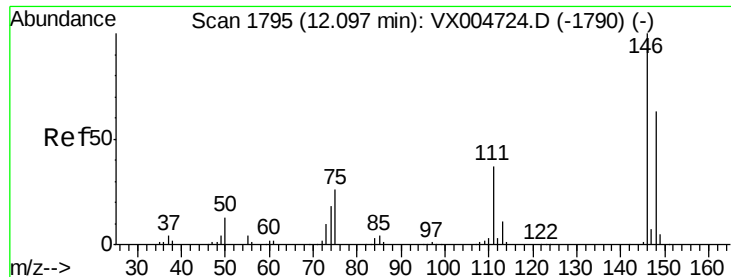


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 4.695 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

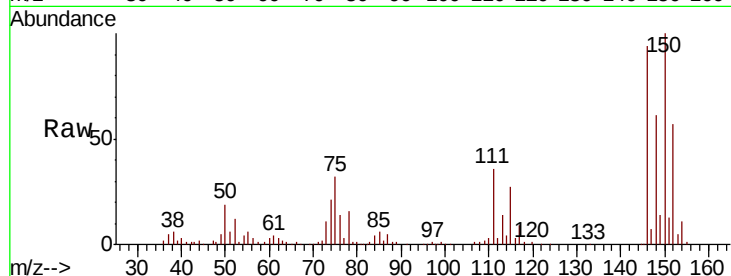
Tot Ion:146 Resp: 30610

Ion Ratio Lower Upper

146 100

111 44.0 18.4 55.2

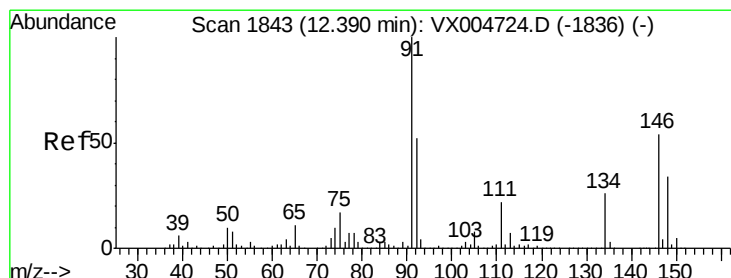
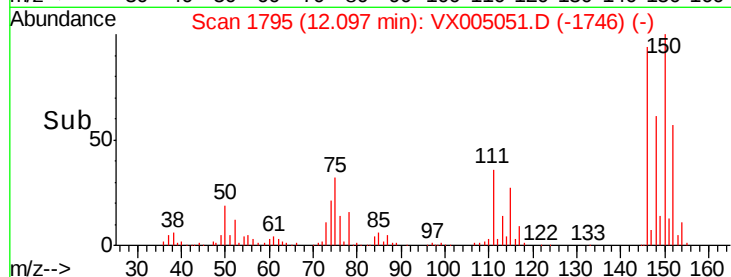
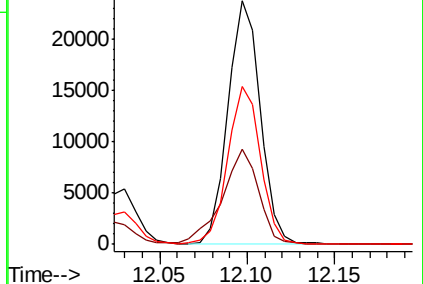
148 65.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.211 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

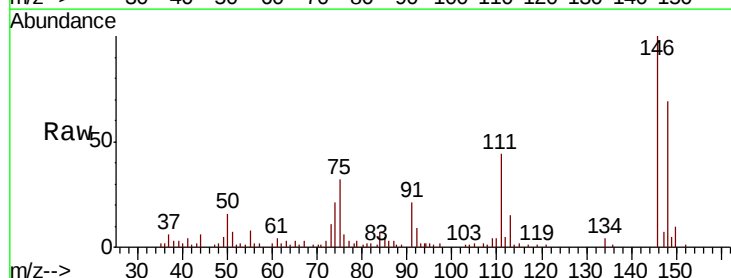
Tgt Ion: 91 Resp: 2031

Ion Ratio Lower Upper

91 100

92 38.4 26.0 78.0

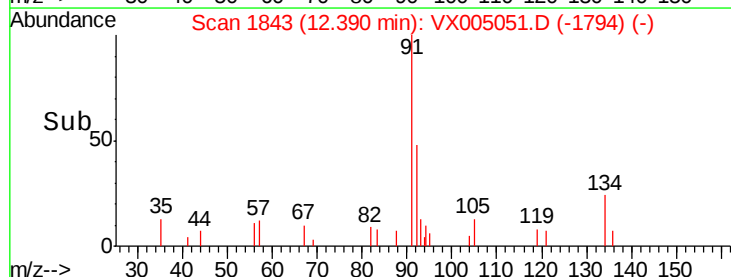
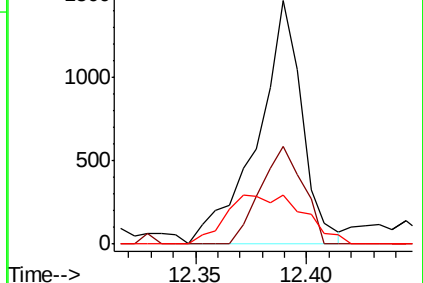
134 35.5 13.2 39.6

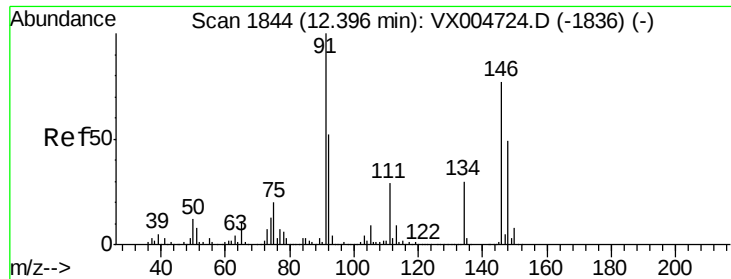


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

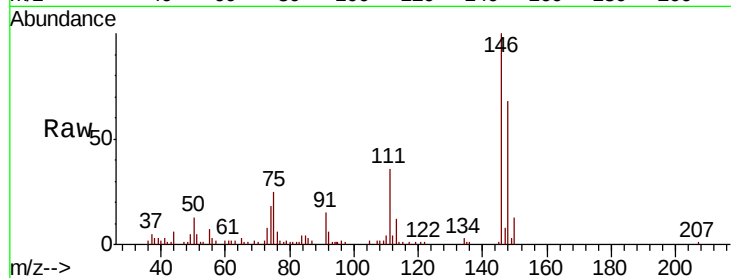




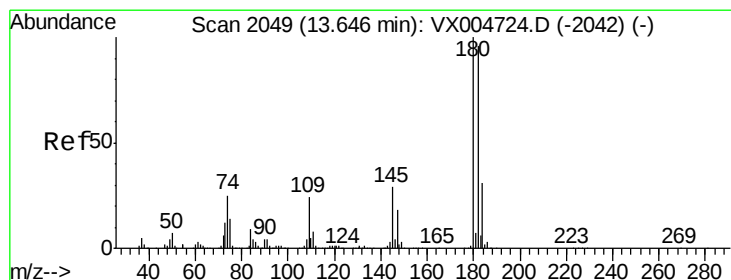
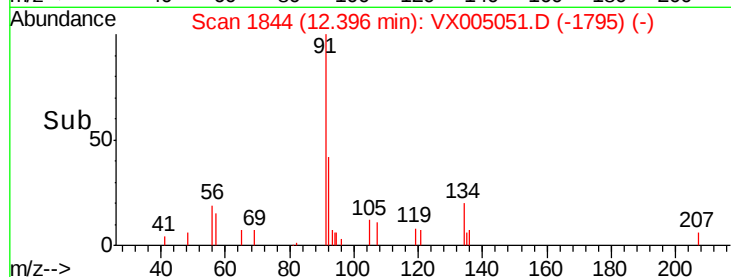
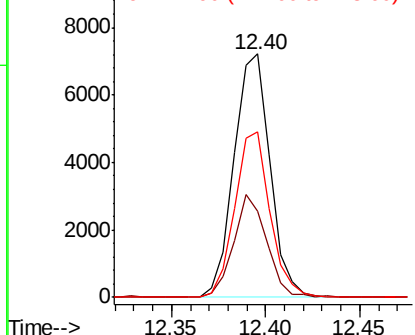
#91
 1,2-Dichlorobenzene
 Concen: 1.447 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 9551
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 66.6 31.8 95.4

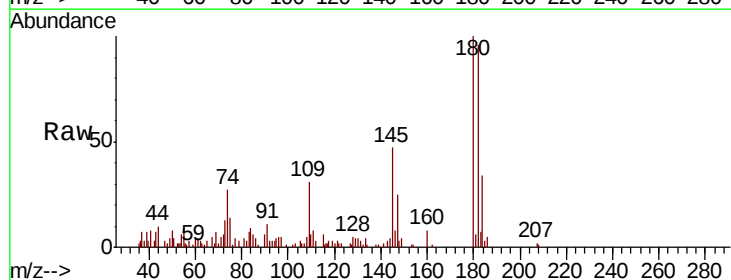


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

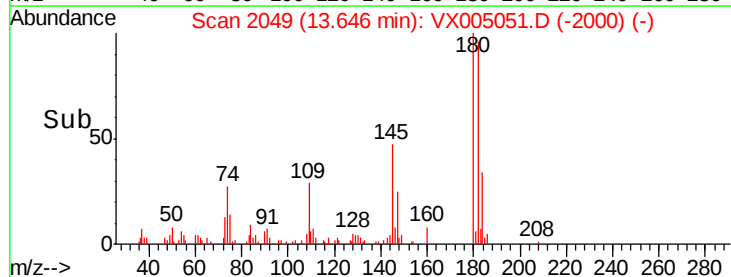
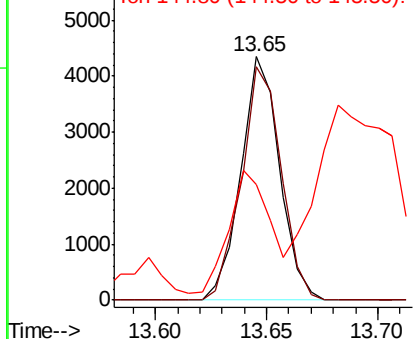


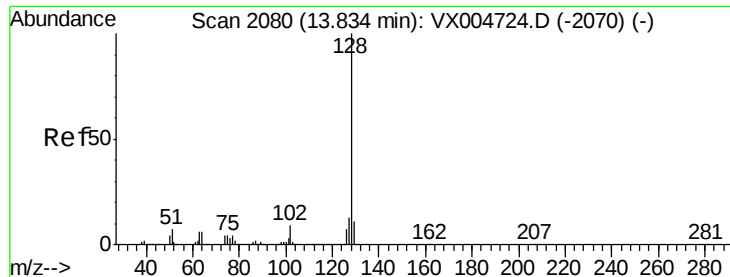
#93
 1,2,4-Trichlorobenzene
 Concen: 1.136 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005051.D
 Acq: 05 Oct 2018 06:44

Tgt Ion:180 Resp: 5261
 Ion Ratio Lower Upper
 180 100
 182 99.0 47.8 143.4
 145 58.6 14.1 42.4#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.801 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

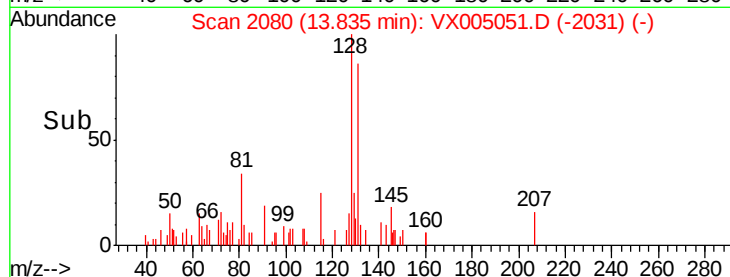
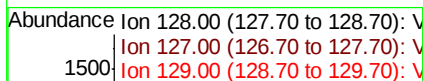
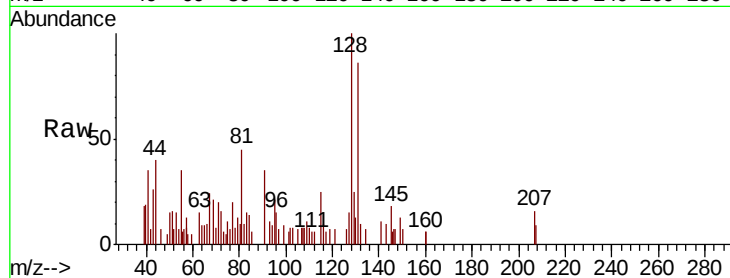
Tot Ion:128 Resp: 1269

Ion Ratio Lower Upper

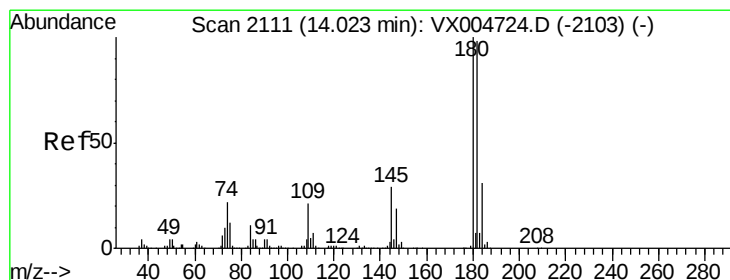
128 100

127 15.1 10.4 15.6

129 41.7 8.7 13.1#



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.362 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005051.D

Acq: 05 Oct 2018 06:44

Tgt Ion:180 Resp: 1732

Ion Ratio Lower Upper

180 100

182 102.0 47.9 143.8

145 279.0 15.0 45.0#

