

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101818\
 Data File : VX005426.D
 Acq On : 18 Oct 2018 13:30
 Operator : JC/MD
 Sample : J5584-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Oct 19 03:31:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172206	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.50	113	141496	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	8.71	98	548518	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	191585	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1085	1.097	ug/l #	76
6) Chloroethane	1.72	64	91	0.372	ug/l #	46
10) Methyl Iodide	2.51	142	998	2.792	ug/l #	84
11) Tert butyl alcohol	3.07	59	3809	3.773	ug/l #	87
13) Acrolein	2.29	56	289	Below Cal		91
15) Acrylonitrile	3.15	53	716	0.313	ug/l #	80
16) Acetone	2.45	43	53983	26.086	ug/l	100
17) Carbon Disulfide	2.57	76	4469	0.522	ug/l	100
18) Methyl Acetate	2.78	43	1870	0.318	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	3040	0.306	ug/l #	76
20) Methylene Chloride	2.85	84	599	Below Cal	#	82
25) 2-Butanone	4.70	43	15559	5.139	ug/l	95
29) Tetrahydrofuran	5.17	42	1282	0.664	ug/l #	77
31) Cyclohexane	5.58	56	3135	0.637	ug/l	93
36) 1,1-Dichloropropene	5.67	75	20250	4.526	ug/l #	50
37) Ethyl Acetate	4.70	43	15559	2.704	ug/l #	68
38) Carbon Tetrachloride	5.66	117	28025	6.233	ug/l #	15
39) Methylcyclohexane	7.46	83	3364	0.695	ug/l	97
40) Benzene	6.15	78	13420	1.000	ug/l	97
44) Trichloroethene	7.22	130	268	Below Cal		91
51) 4-Methyl-2-Pentanone	8.65	43	1599	0.301	ug/l	96
52) Toluene	8.79	92	15517	2.113	ug/l	93
59) 2-Hexanone	9.50	43	1474	0.345	ug/l	90
67) Ethyl Benzene	10.25	91	5215	0.364	ug/l	100
68) m/p-Xylenes	10.36	106	6898	1.239	ug/l	96
69) o-Xylene	10.70	106	2788	0.519	ug/l	96
73) Isopropylbenzene	11.02	105	3121	0.246	ug/l	99
74) N-amyl acetate	10.91	43	2308	0.377	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	92519	22.338	ug/l #	37
78) n-propylbenzene	11.36	91	5817	0.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2598	0.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	92519	67.874	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	6925	0.619	ug/l	98
85) sec-Butylbenzene	11.94	105	4279	0.328	ug/l	87

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

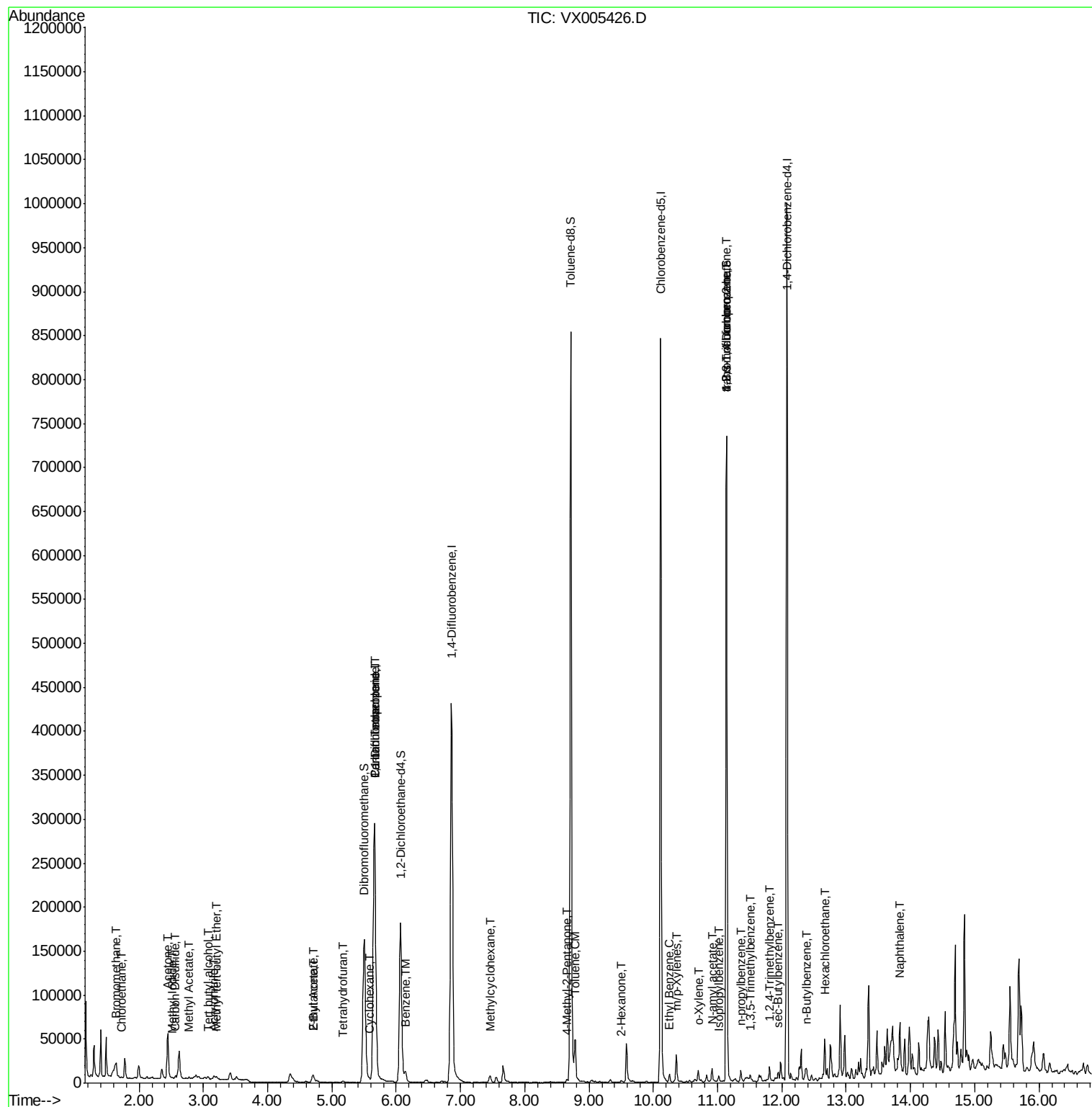
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	4154	0.389	ug/l	90
90) Hexachloroethane	12.67	117	2349	1.158	ug/l #	3
95) Naphthalene	13.83	128	34059	2.313	ug/l #	95

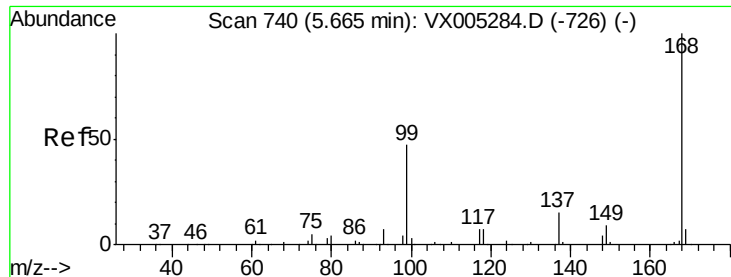
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

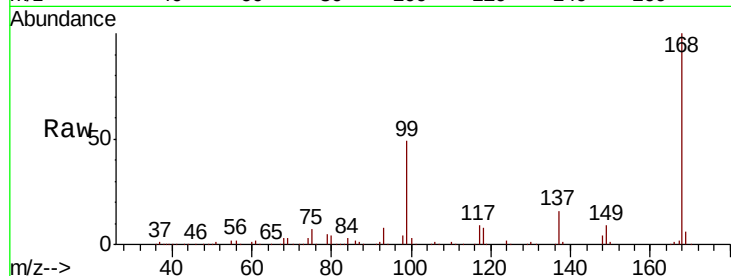
MW-2

Tot Ion:168 Resp: 322487

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

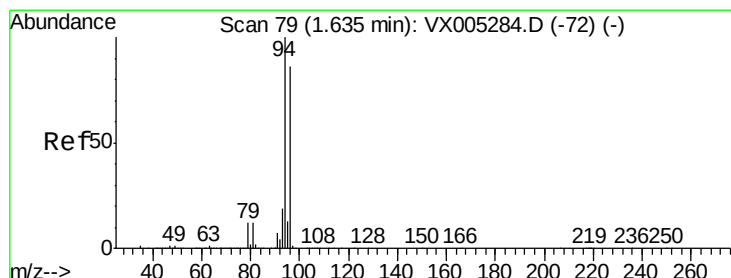
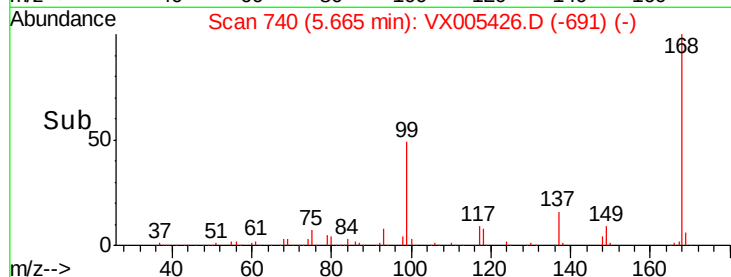
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 1.097 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005426.D

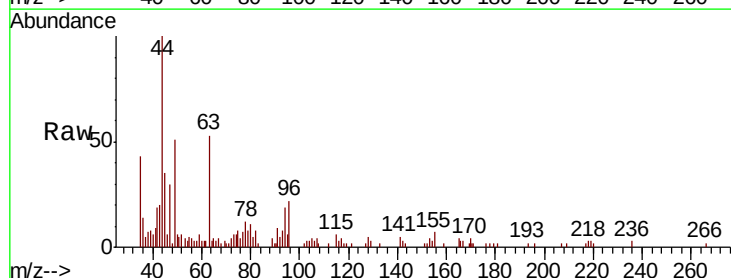
Acq: 18 Oct 2018 13:30

Tgt Ion: 94 Resp: 1085

Ion Ratio Lower Upper

94 100

96 116.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

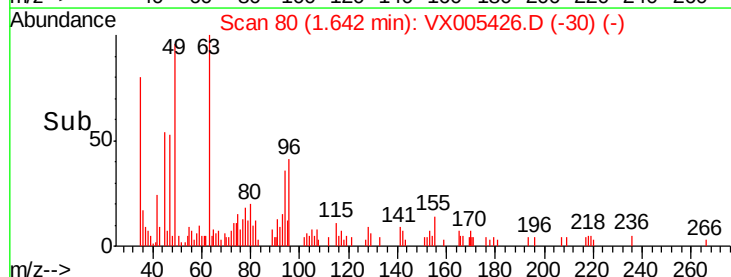
600

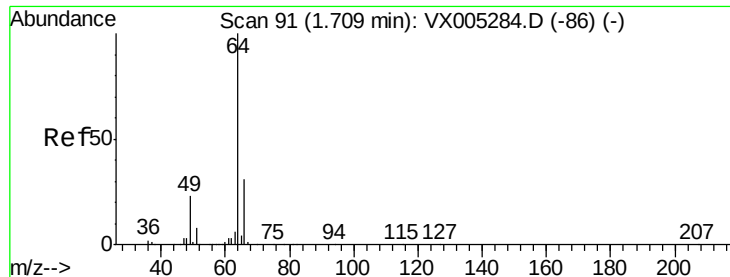
400

200

0

Time-->





#6

Chloroethane

Concen: 0.372 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

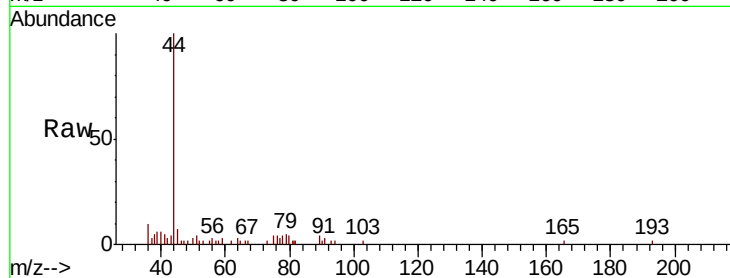
MW-2

Tot Ion: 64 Resp: 91

Ion Ratio Lower Upper

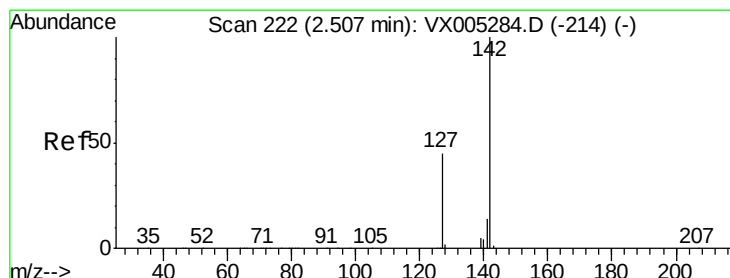
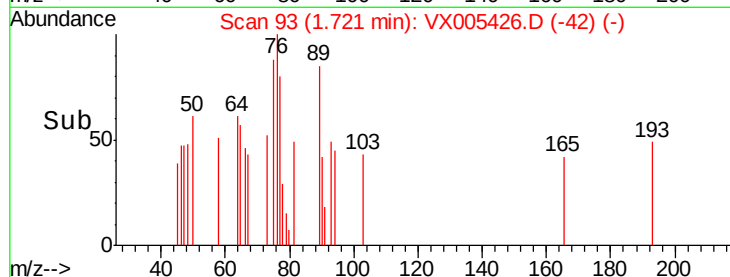
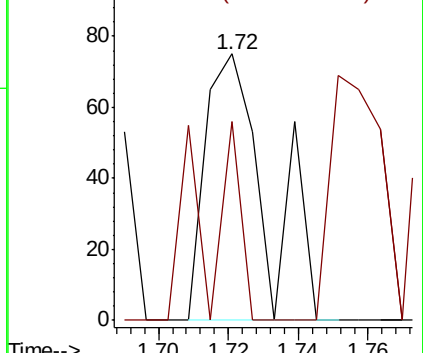
64 100

66 1.3 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 2.792 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

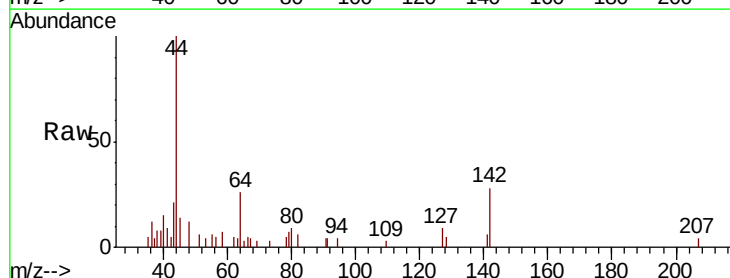
Tgt Ion: 142 Resp: 998

Ion Ratio Lower Upper

142 100

127 48.0 33.8 50.6

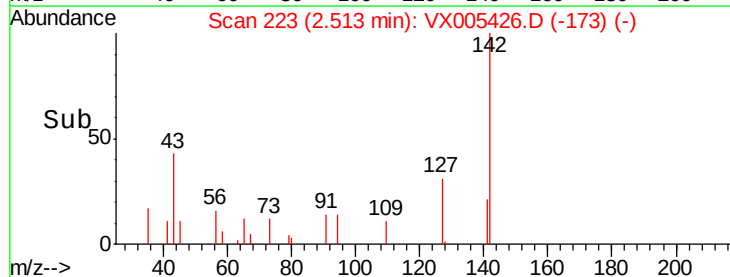
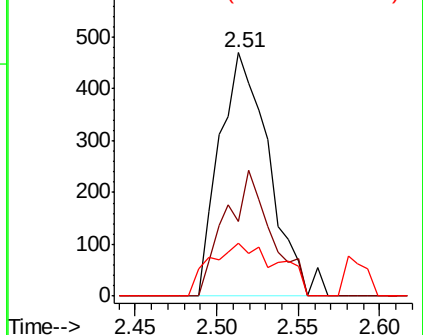
141 29.7 11.4 17.0#

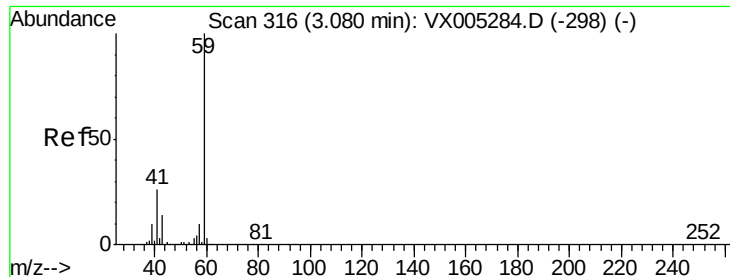


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

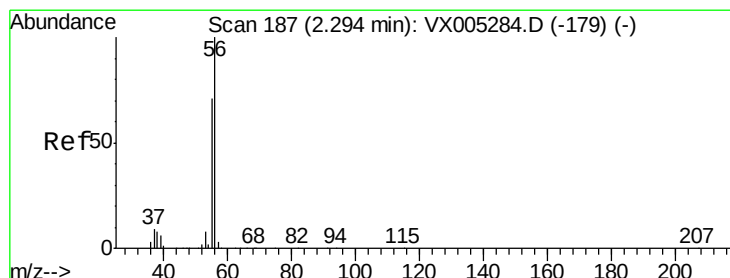
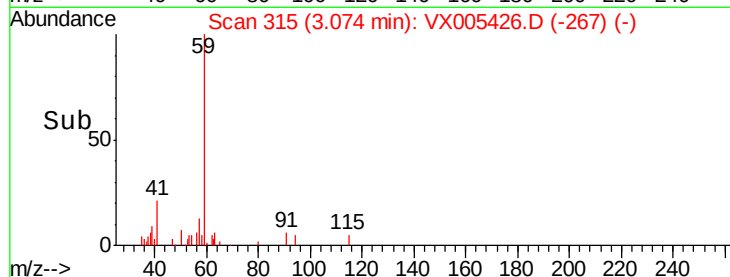
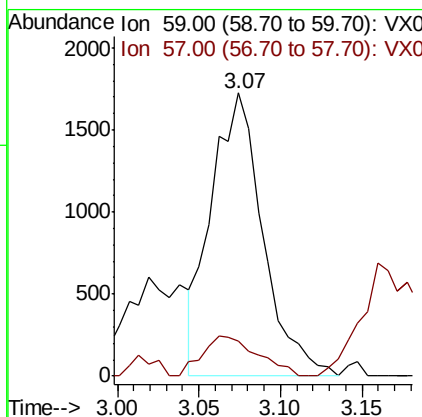
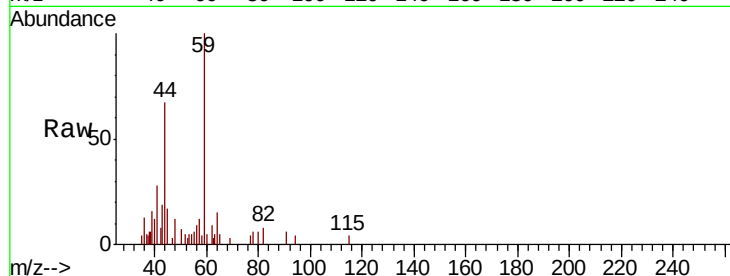




#11
Tert butyl alcohol
Concen: 3.773 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

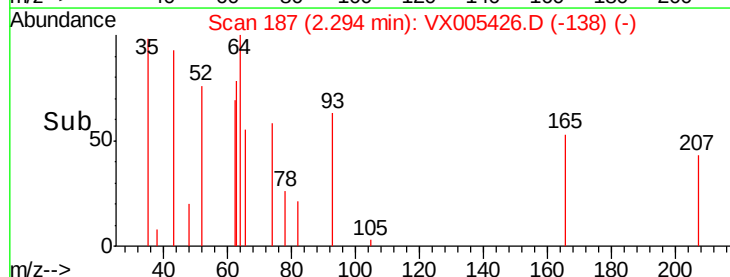
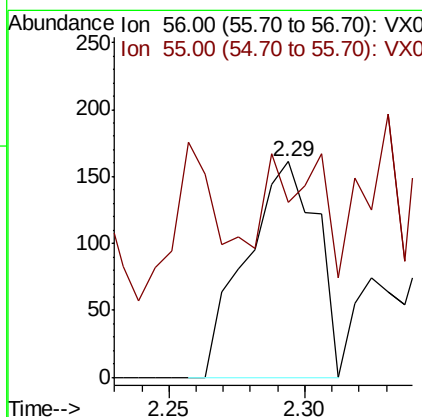
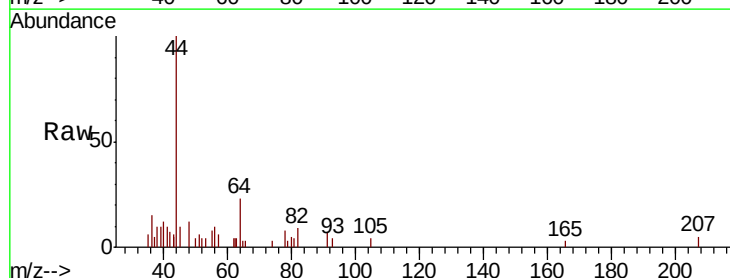
Instrument :
MSVOA_X
ClientSampleId :
MW-2

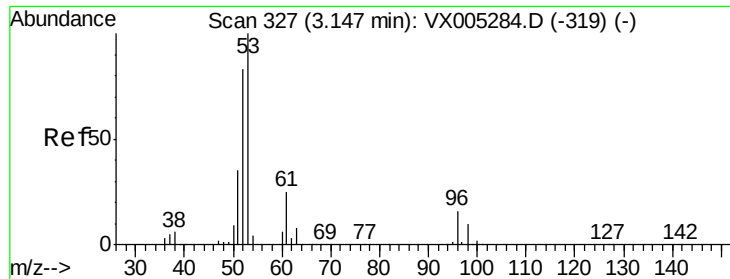
Tot Ion: 59 Resp: 3809
Ion Ratio Lower Upper
59 100
57 15.1 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Tgt Ion: 56 Resp: 289
Ion Ratio Lower Upper
56 100
55 75.4 54.7 82.1





#15

Acrylonitrile

Concen: 0.313 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampled :

MW-2

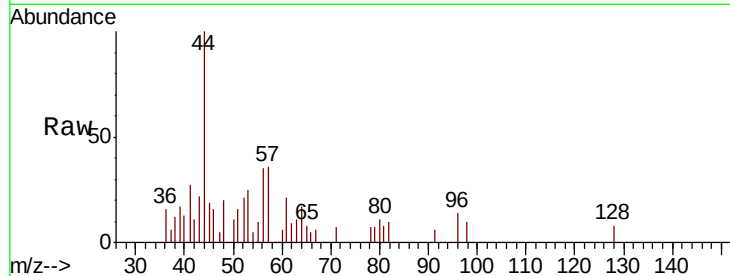
Tot Ion: 53 Resp: 716

Ion Ratio Lower Upper

53 100

52 103.6 65.2 97.8#

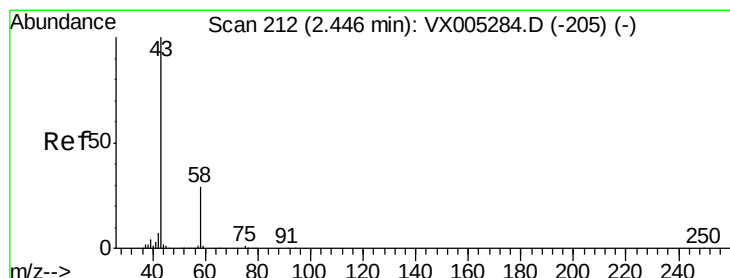
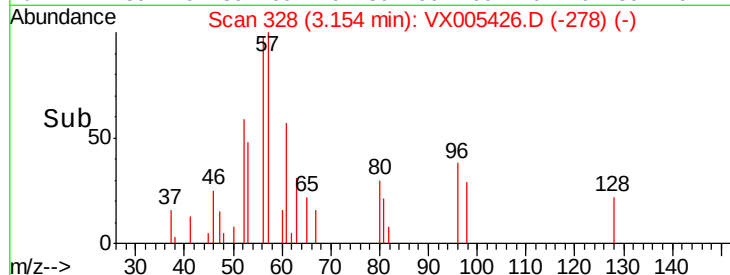
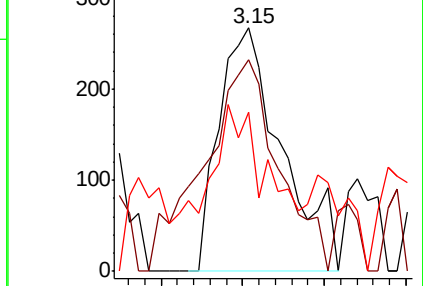
51 29.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 26.086 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005426.D

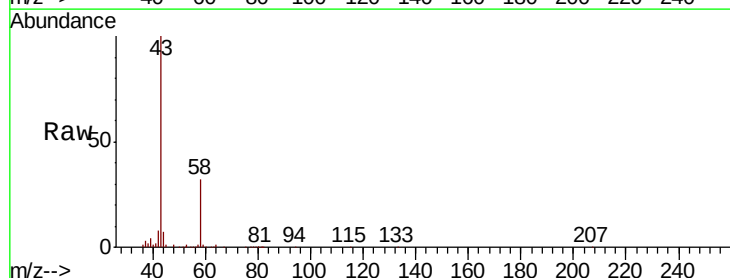
Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 53983

Ion Ratio Lower Upper

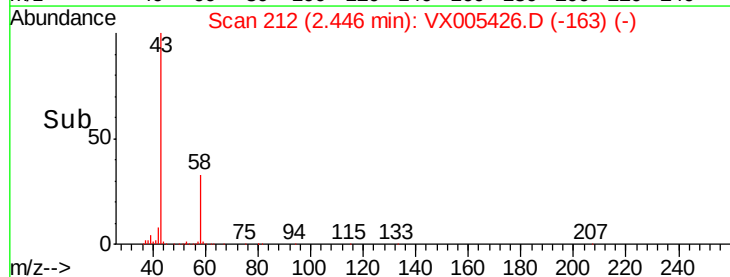
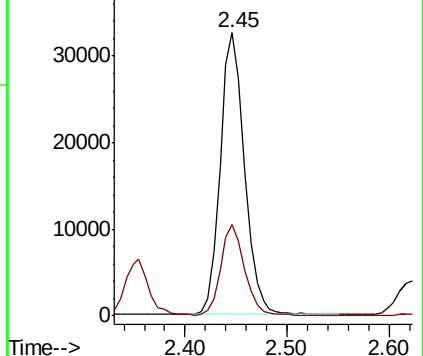
43 100

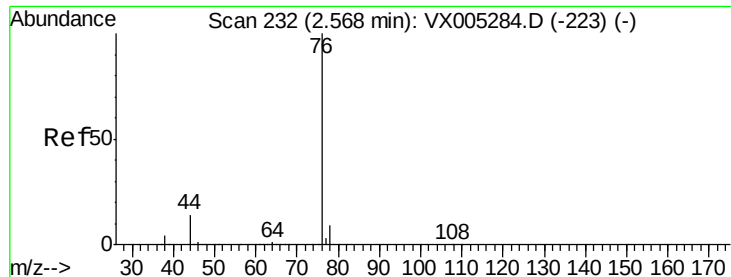
58 32.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.522 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

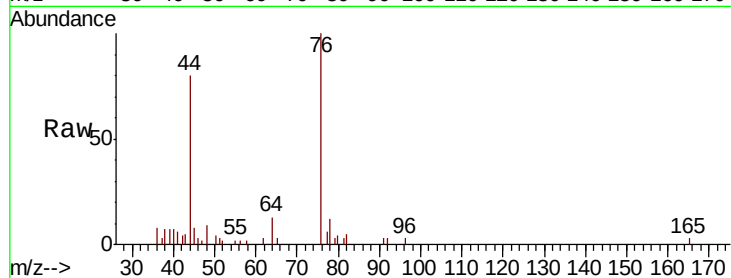
MW-2

Tot Ion: 76 Resp: 4469

Ion Ratio Lower Upper

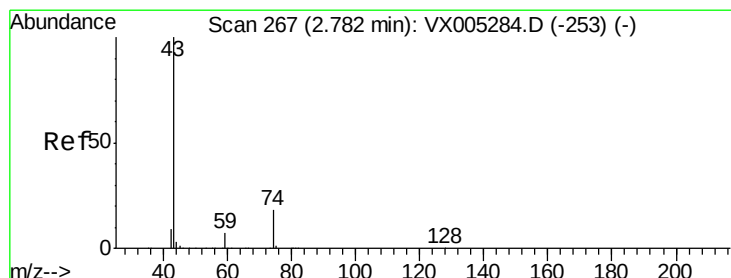
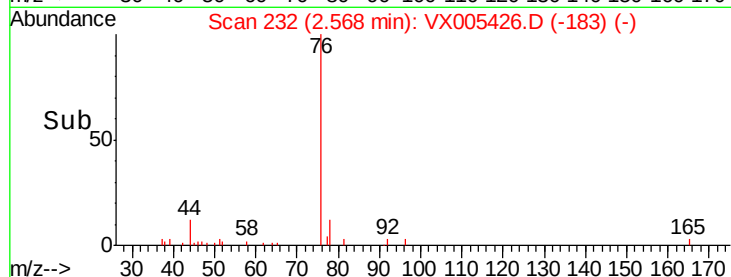
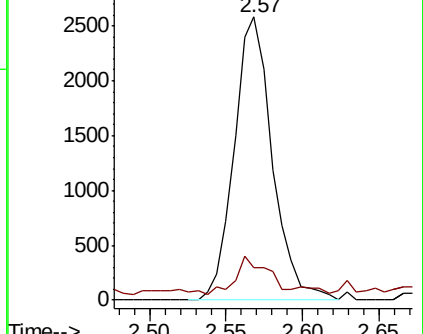
76 100

78 8.7 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: 0.318 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005426.D

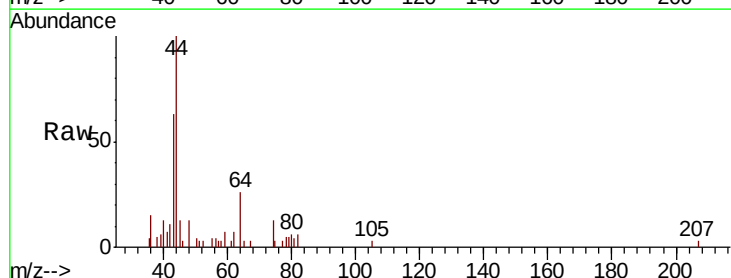
Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 1870

Ion Ratio Lower Upper

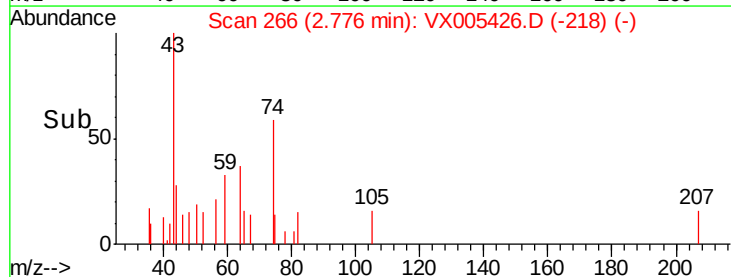
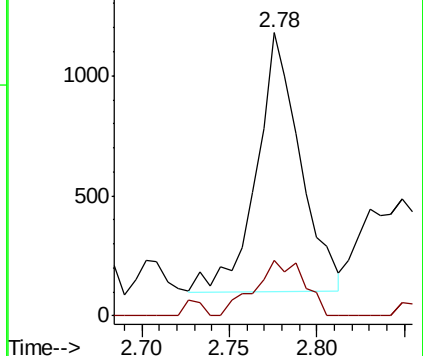
43 100

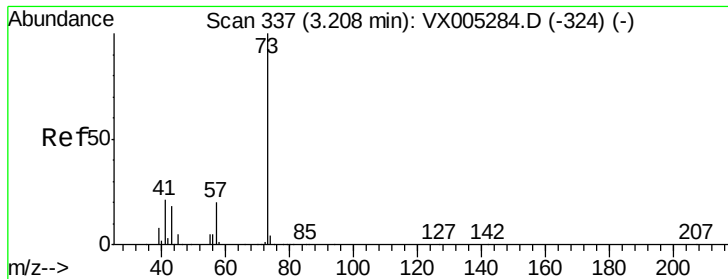
74 24.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.306 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampled :

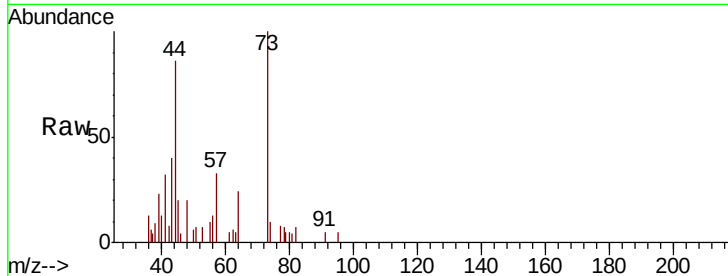
MW-2

Tot Ion: 73 Resp: 3040

Ion Ratio Lower Upper

73 100

57 32.5 17.1 25.7#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

1500

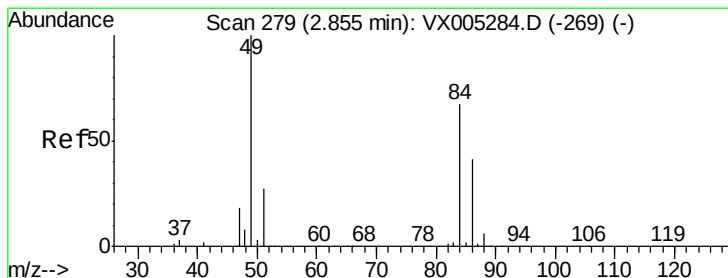
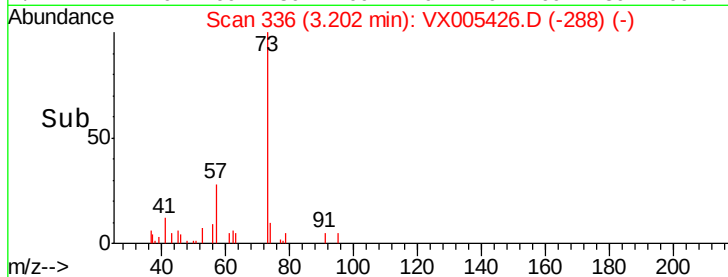
1000

500

0

3.15 3.20 3.25

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Tgt Ion: 84 Resp: 599

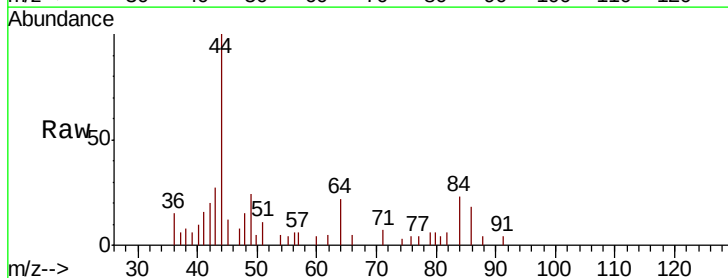
Ion Ratio Lower Upper

84 100

49 105.8 101.2 151.8

51 24.5 29.5 44.3#

86 78.8 52.3 78.5#



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

600

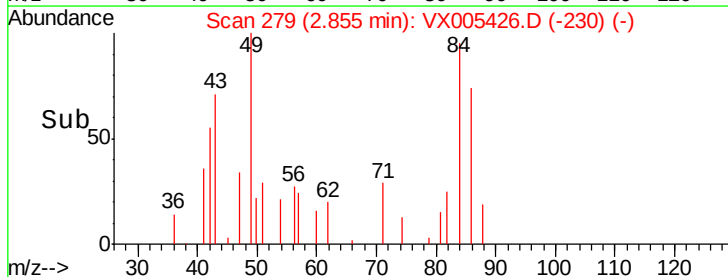
400

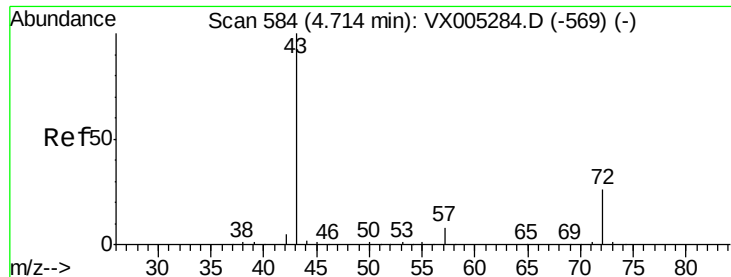
200

0

2.80 2.85 2.90

Time-->





#25

2-Butanone

Concen: 5.139 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

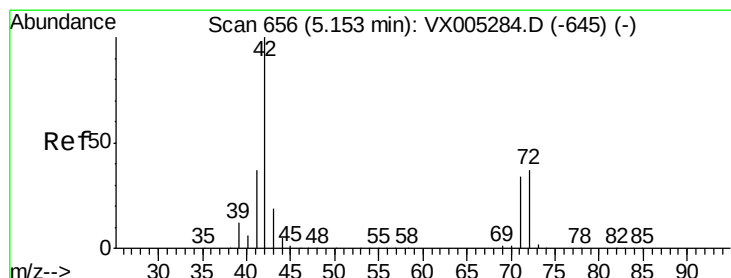
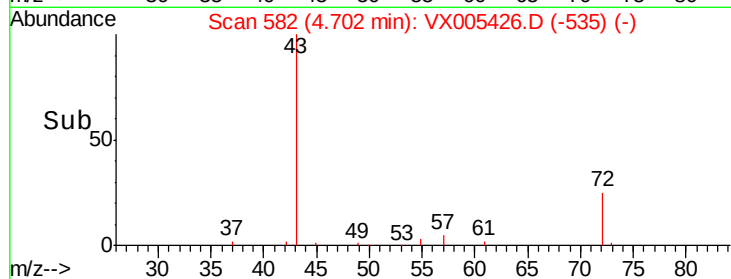
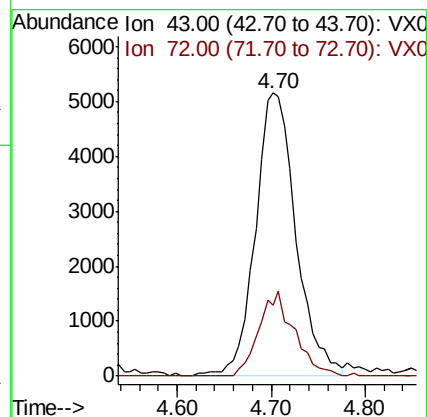
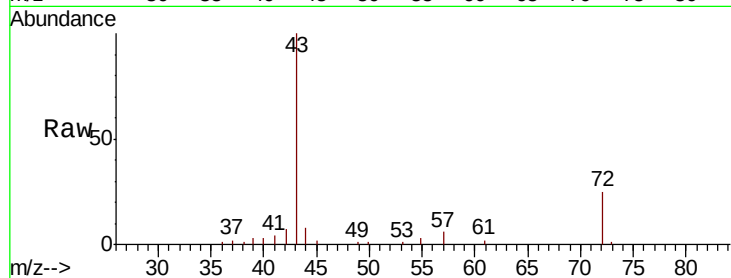
MW-2

Tot Ion: 43 Resp: 15559

Ion Ratio Lower Upper

43 100

72 24.9 22.0 33.0



#29

Tetrahydrofuran

Concen: 0.664 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

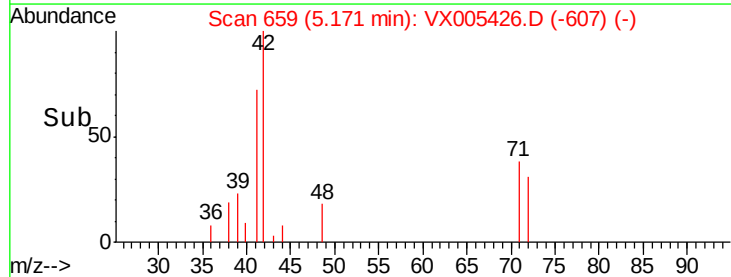
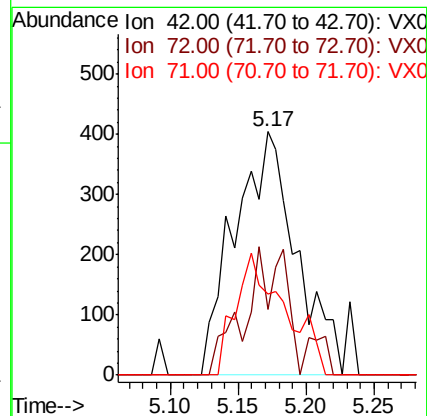
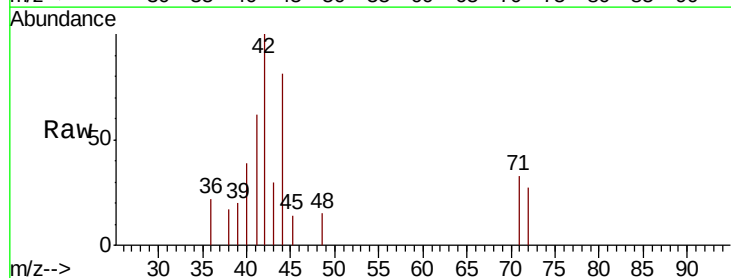
Tgt Ion: 42 Resp: 1282

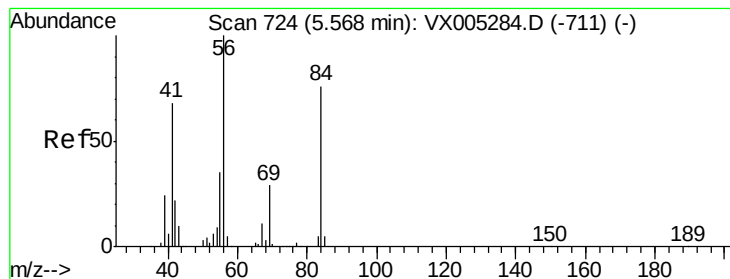
Ion Ratio Lower Upper

42 100

72 20.7 37.4 56.0#

71 39.7 34.5 51.7





#31

Cyclohexane

Concen: 0.637 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2

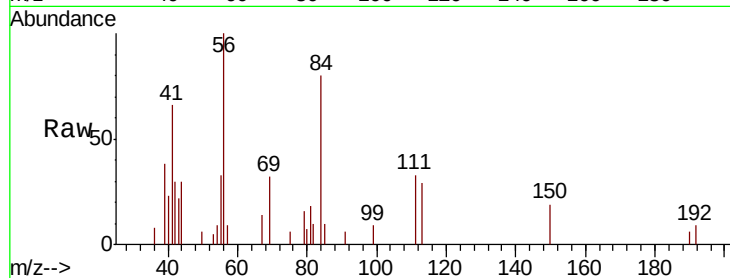
Tot Ion: 56 Resp: 3135

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

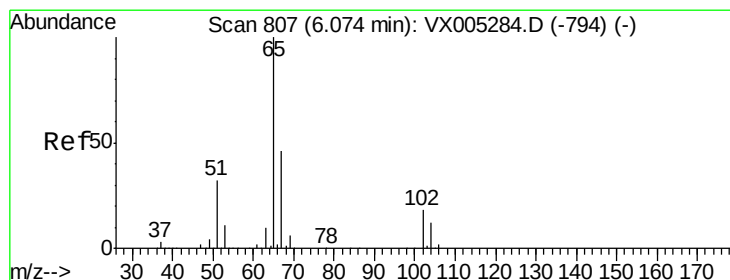
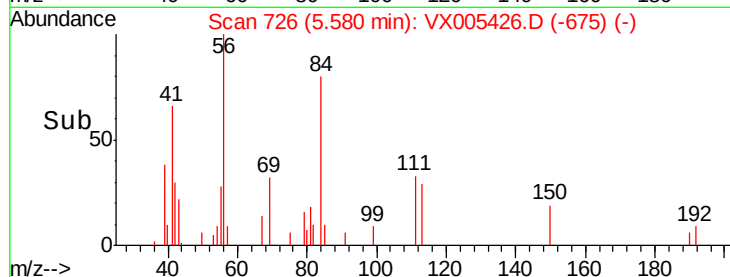
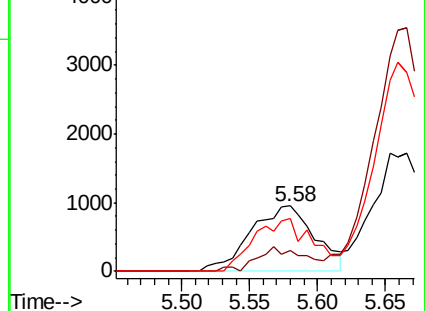
84 80.3 71.4 107.2



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: 48.114 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005426.D

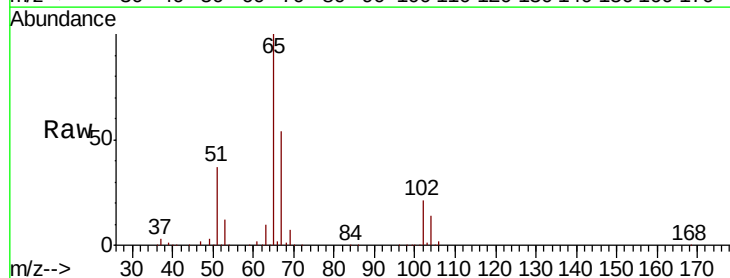
Acq: 18 Oct 2018 13:30

Tgt Ion: 65 Resp: 172206

Ion Ratio Lower Upper

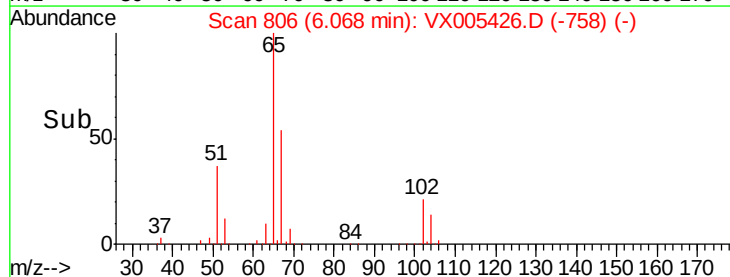
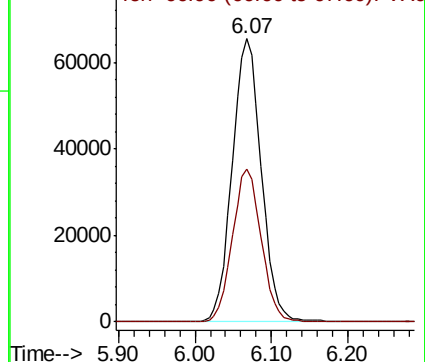
65 100

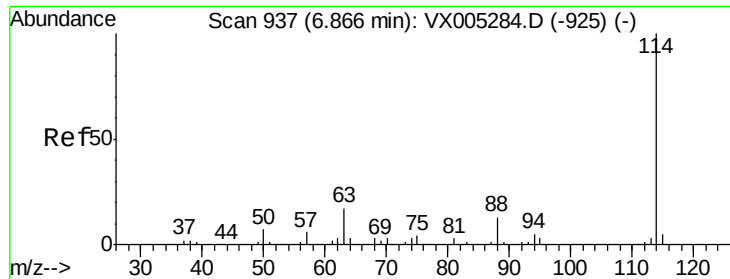
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

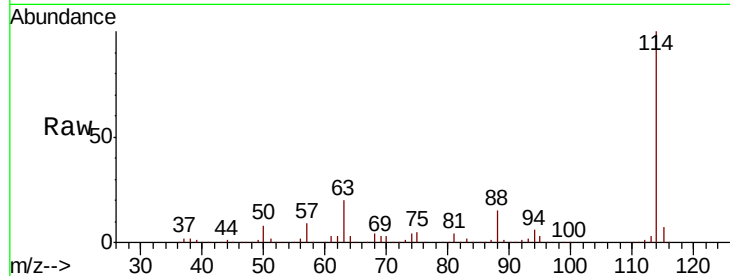




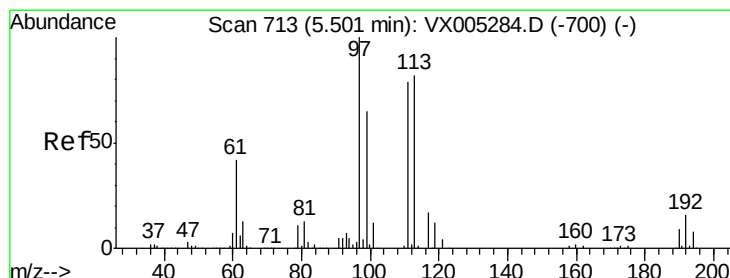
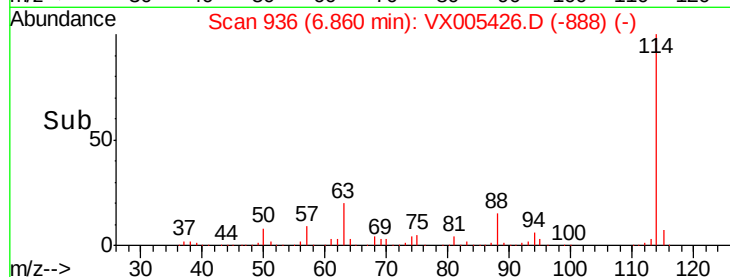
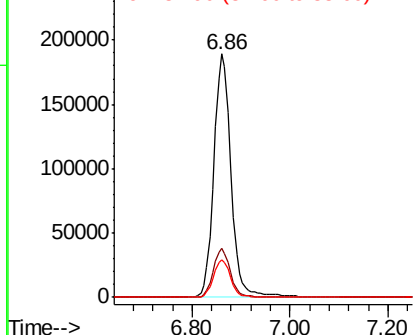
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

Tot Ion:114 Resp: 462020
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.3 0.0 30.4

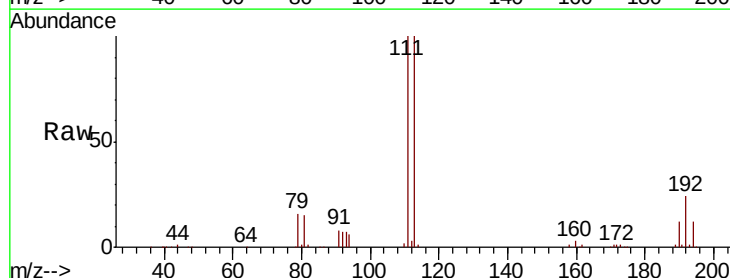


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

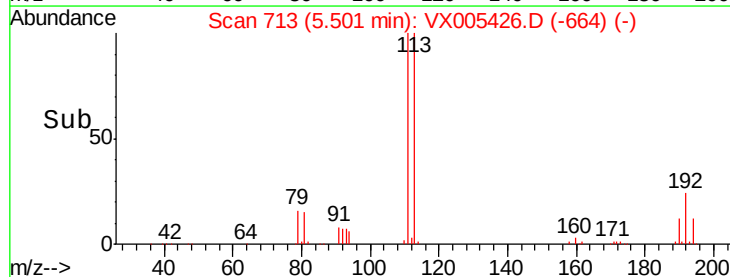
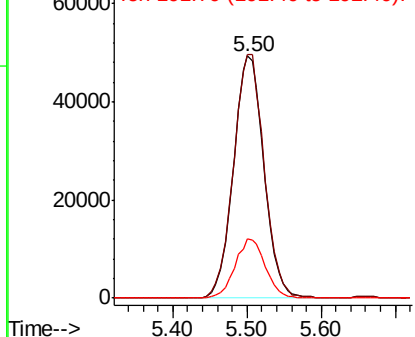


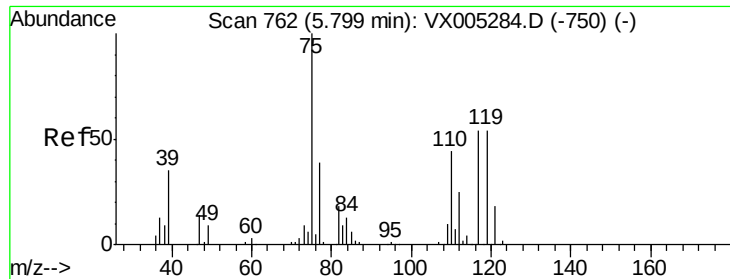
#35
 Dibromofluoromethane
 Concen: 46.239 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

Tgt Ion:113 Resp: 141496
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 24.3 19.4 29.2



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

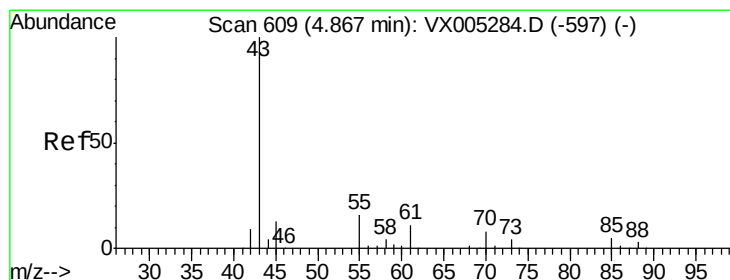
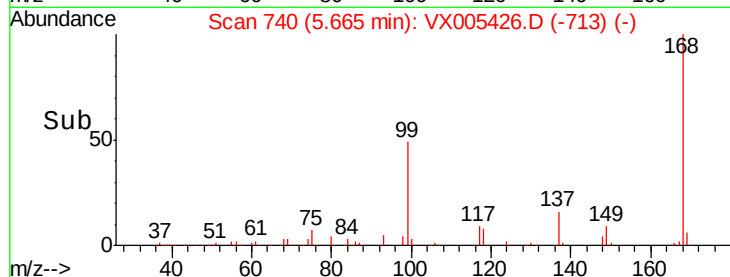
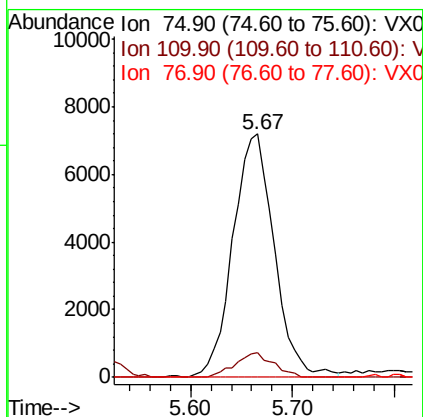
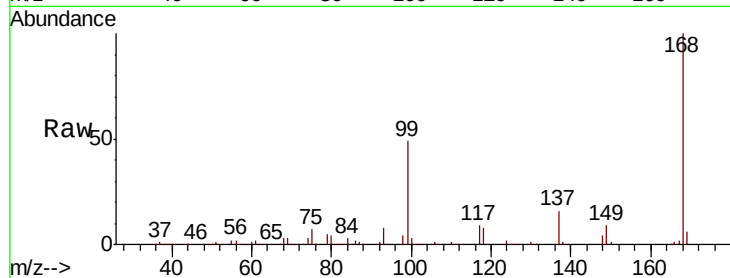




#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

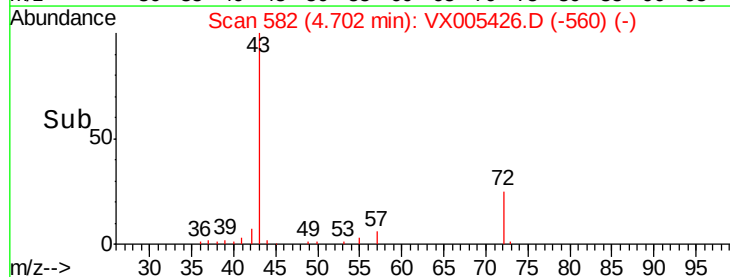
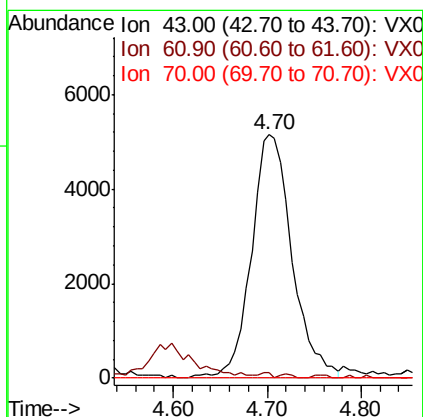
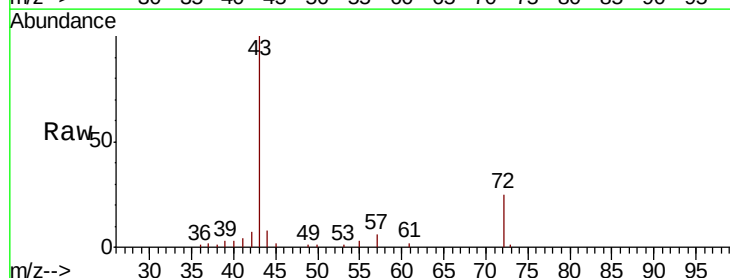
Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

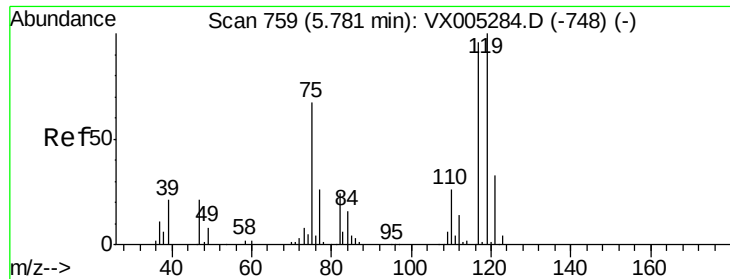
Tot Ion: 75 Resp: 20250
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.0 54.0#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.704 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.16 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 15559
 Ion Ratio Lower Upper
 43 100
 61 0.7 11.5 17.3#
 70 0.0 9.0 13.6#

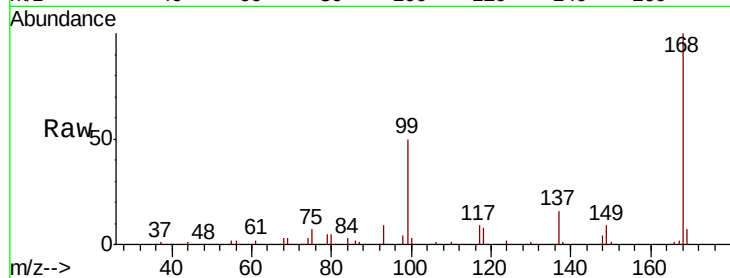




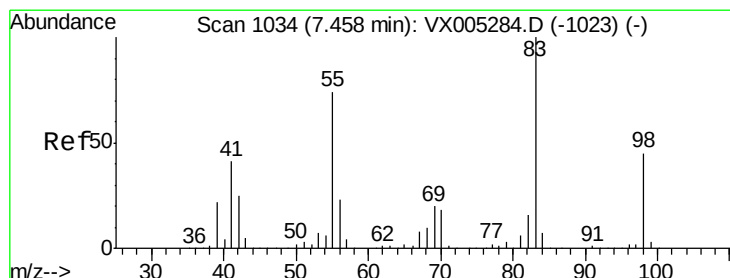
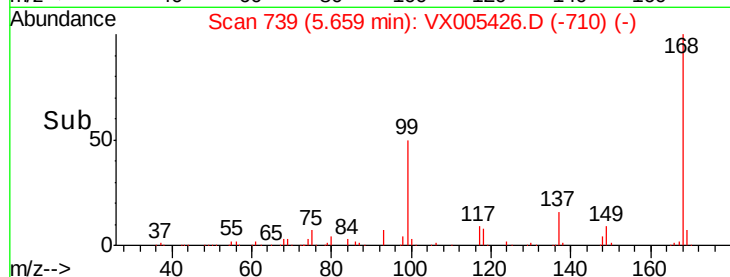
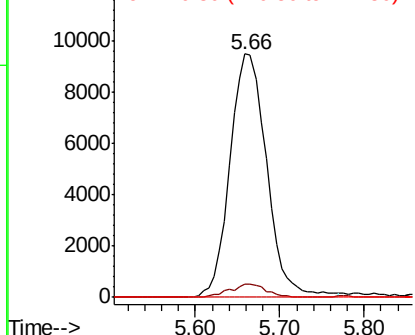
#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:117 Resp: 28025
Ion Ratio Lower Upper
117 100
119 5.7 78.8 118.2#
121 0.0 24.9 37.3#

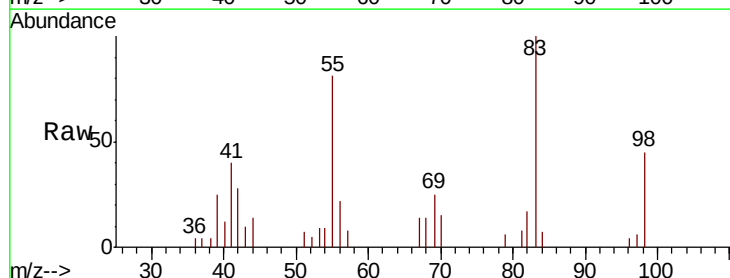


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

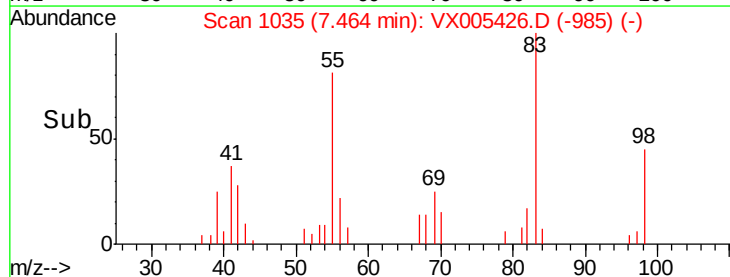
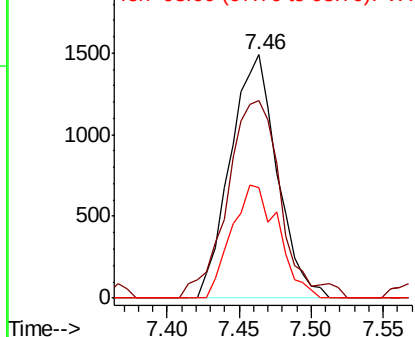


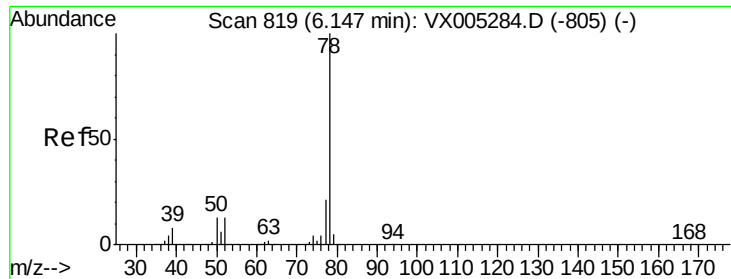
#39
Methylcyclohexane
Concen: 0.695 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.4
98 45.4 39.6 59.4



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: 1.000 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

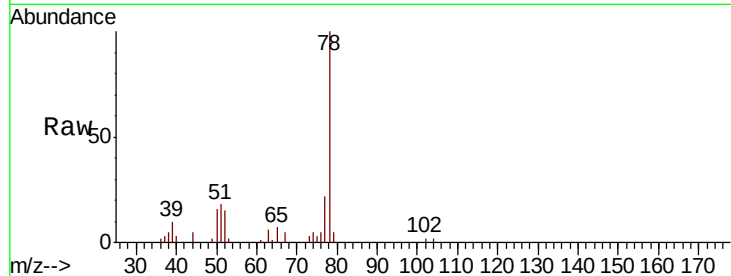
MW-2

Tot Ion: 78 Resp: 13420

Ion Ratio Lower Upper

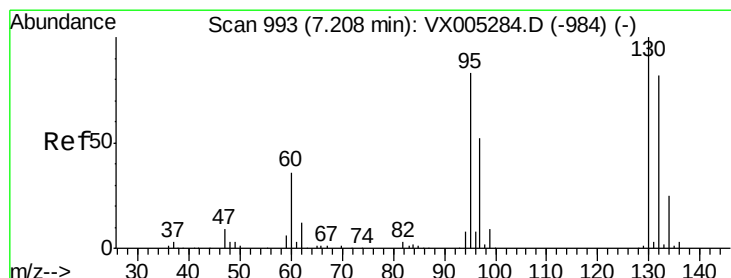
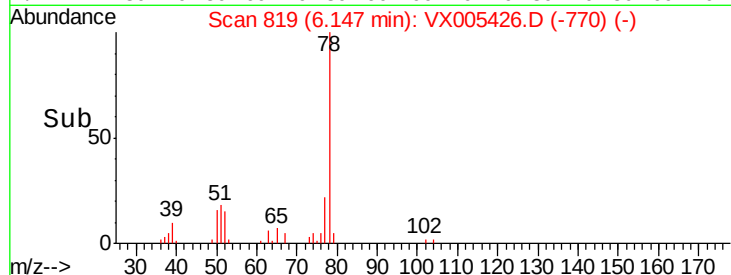
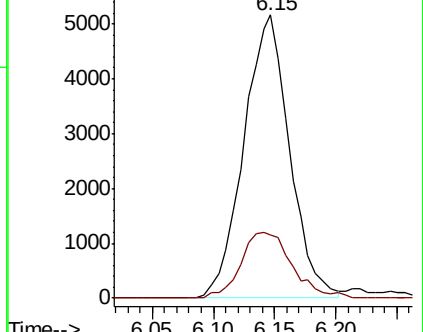
78 100

77 22.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: Below Cal

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005426.D

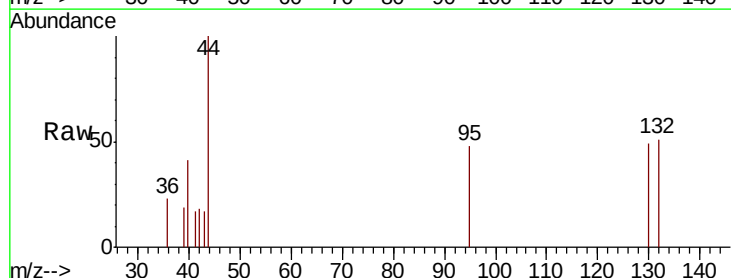
Acq: 18 Oct 2018 13:30

Tgt Ion:130 Resp: 268

Ion Ratio Lower Upper

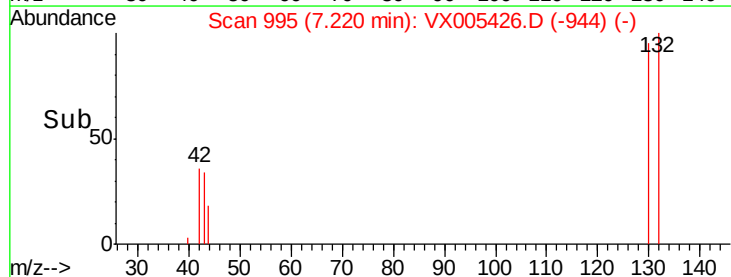
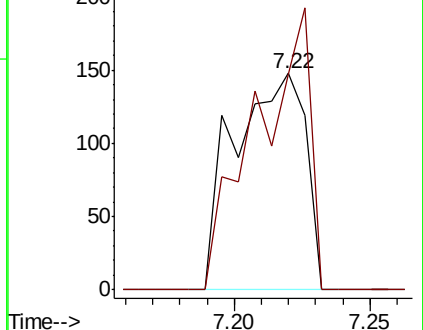
130 100

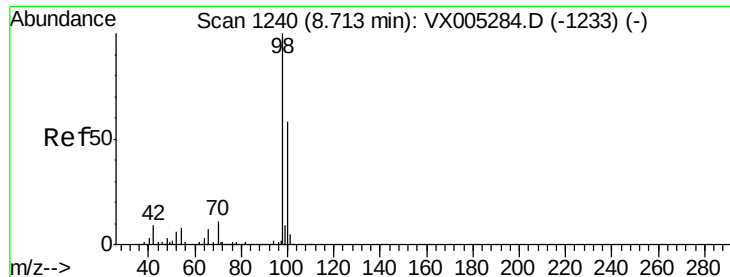
95 99.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

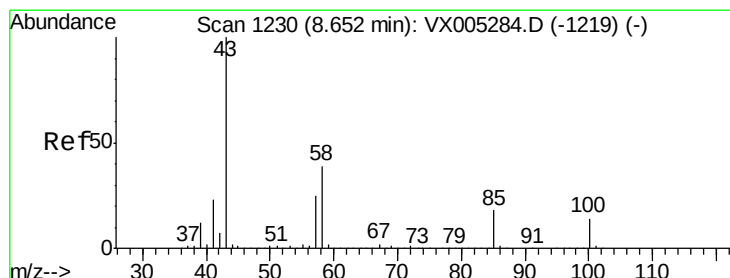
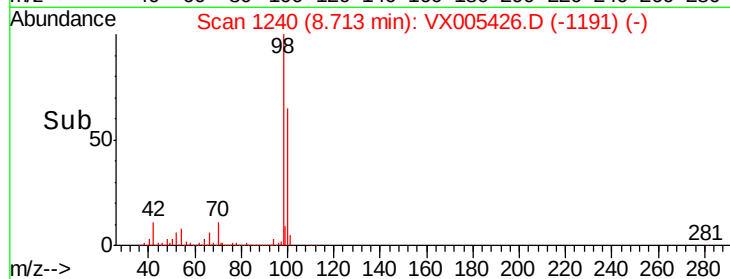
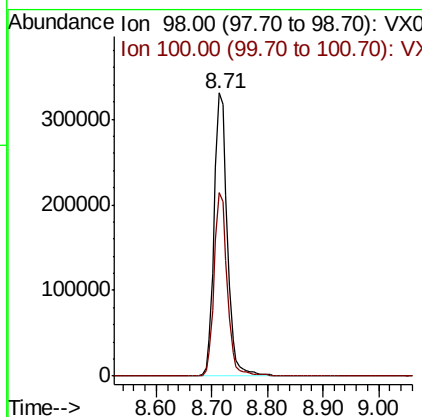
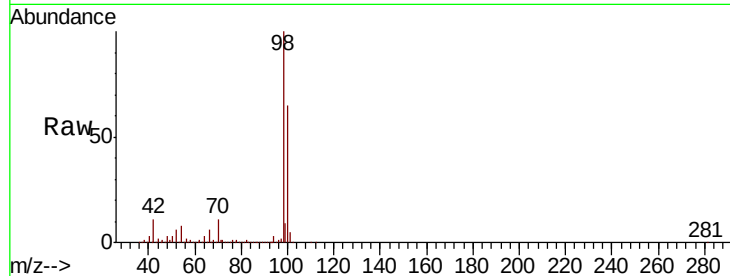




#50
Toluene-d8
Concen: 52.213 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

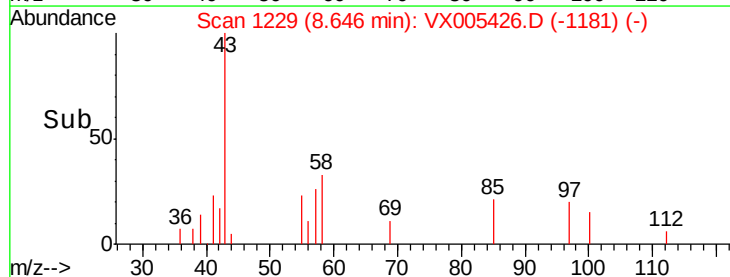
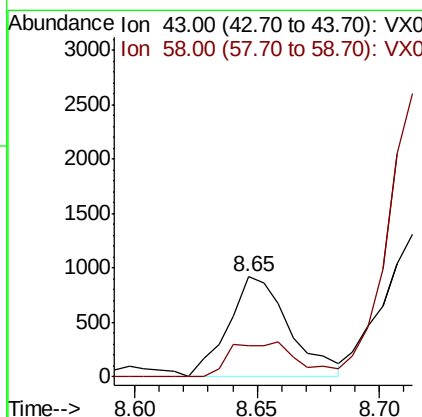
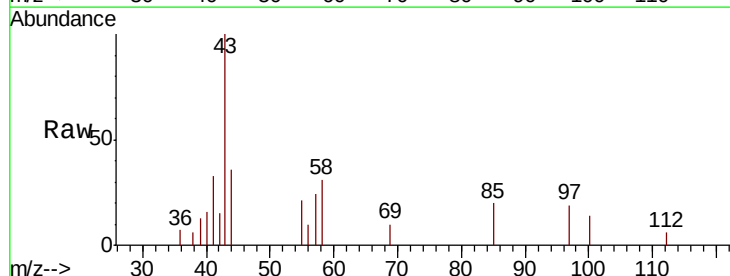
Instrument :
MSVOA_X
ClientSampleId :
MW-2

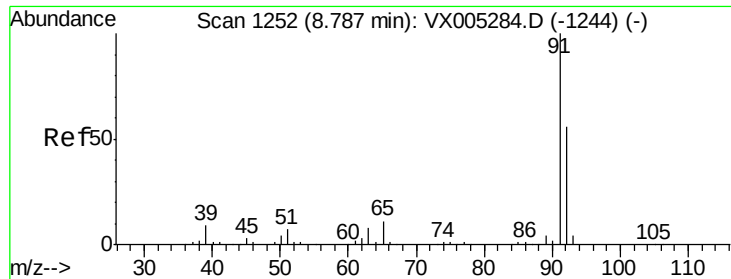
Tot Ion: 98 Resp: 548518
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.301 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 39.0 33.1 49.7





#52

Toluene

Concen: 2.113 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

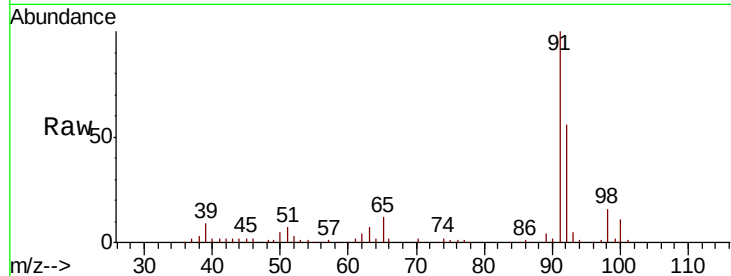
MW-2

Tot Ion: 92 Resp: 15517

Ion Ratio Lower Upper

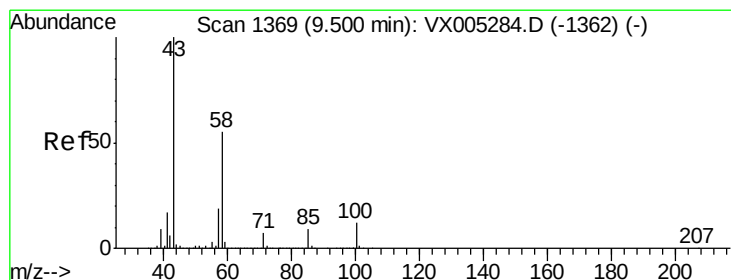
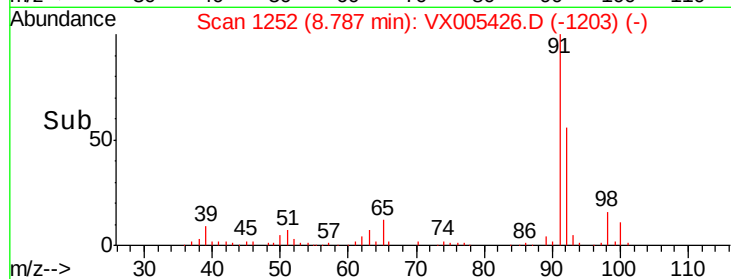
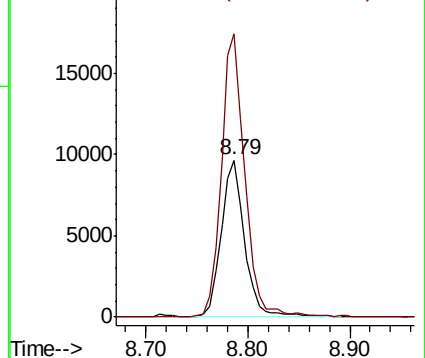
92 100

91 180.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.345 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VX005426.D

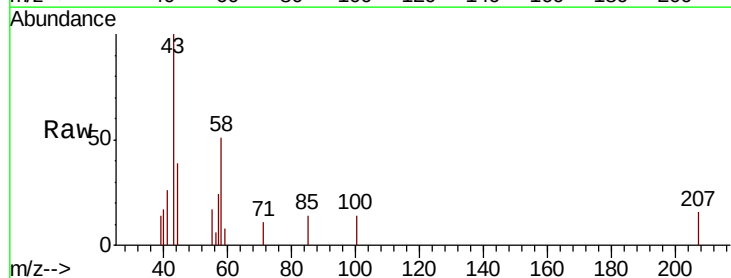
Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 1474

Ion Ratio Lower Upper

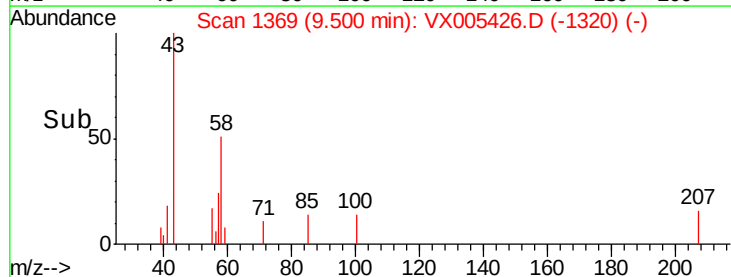
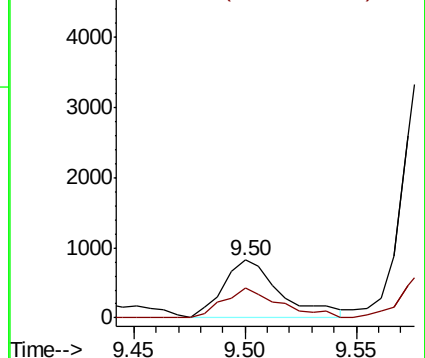
43 100

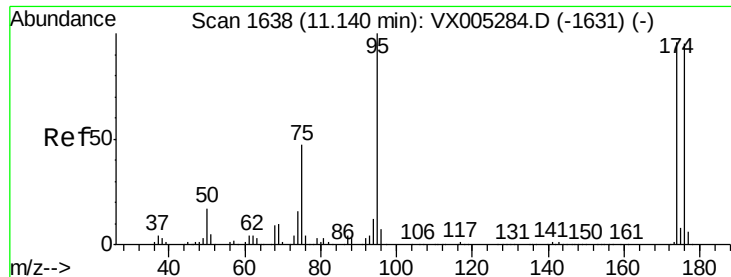
58 50.7 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.545 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2

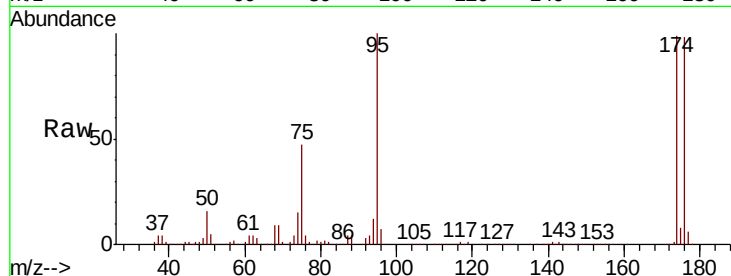
Tot Ion: 95 Resp: 191585

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

176 92.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005426.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005426.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005426.D (-1589) (-)

11.14

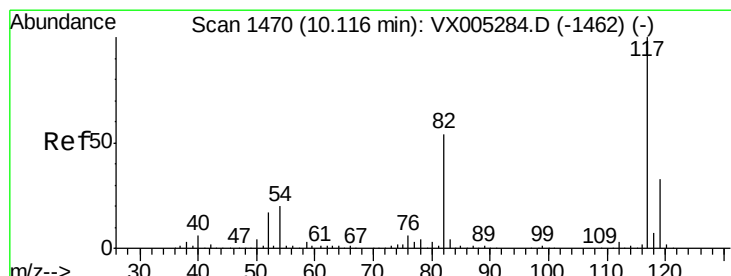
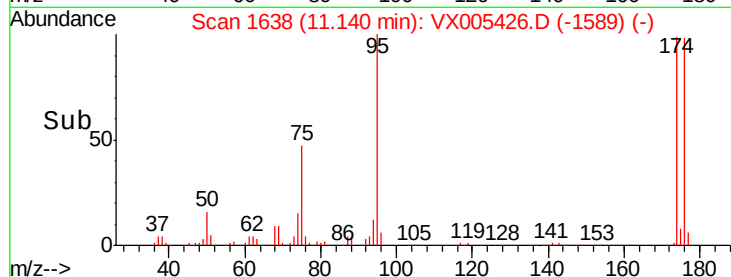
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

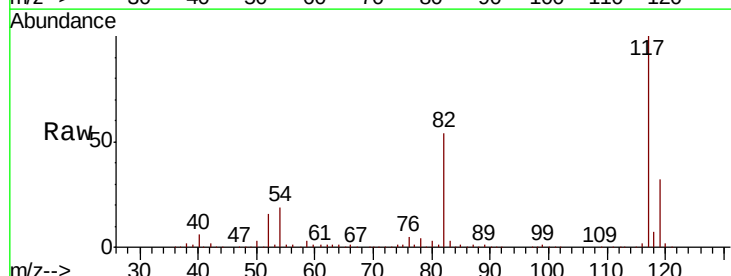
Tgt Ion: 117 Resp: 414721

Ion Ratio Lower Upper

117 100

82 53.9 47.8 71.6

119 32.1 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX005426.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005426.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005426.D (-1421) (-)

10.12

400000

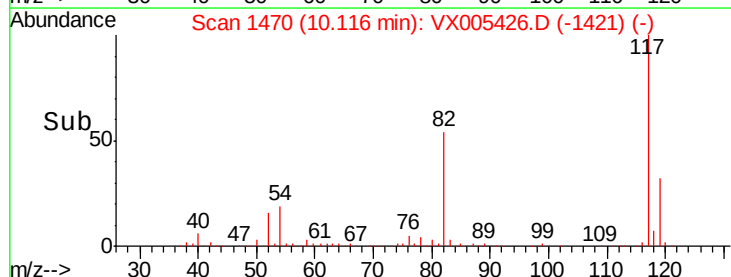
300000

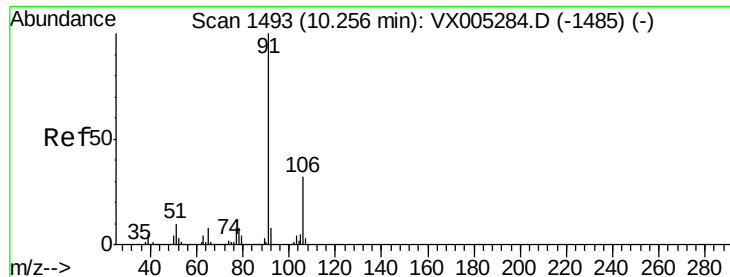
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 0.364 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

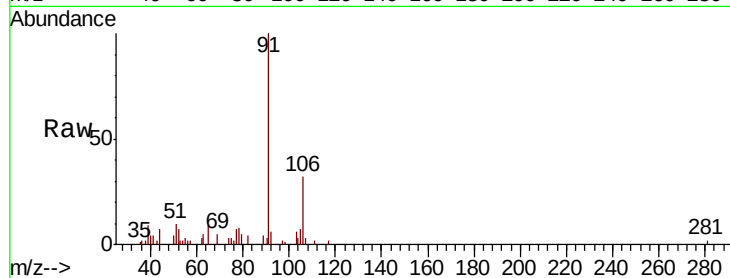
MW-2

Tot Ion: 91 Resp: 5215

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005284.D (-1485) (-)

12000

10000

8000

6000

4000

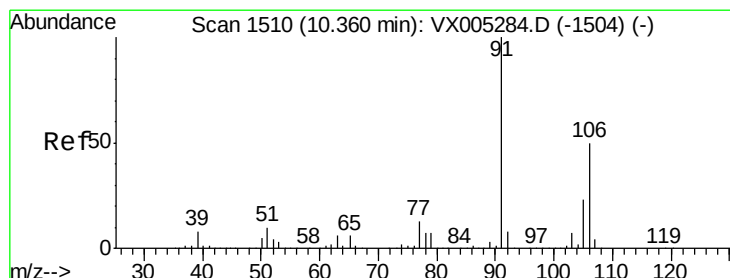
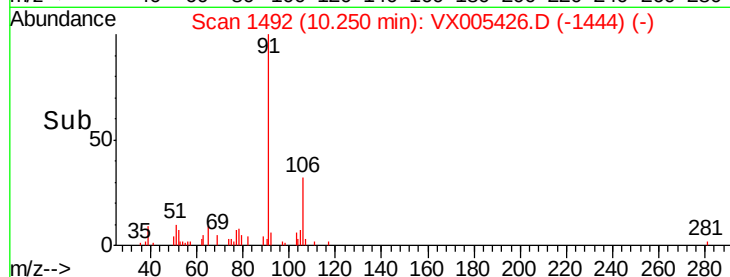
2000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 1.239 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005426.D

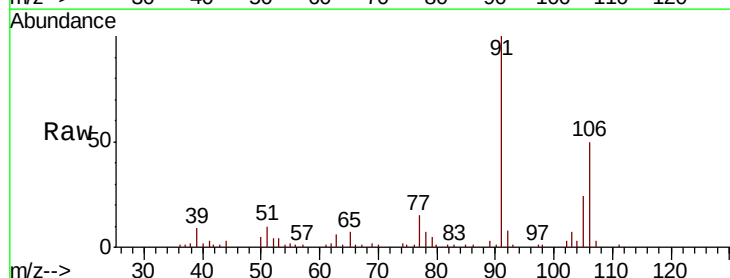
Acq: 18 Oct 2018 13:30

Tgt Ion: 106 Resp: 6898

Ion Ratio Lower Upper

106 100

91 203.0 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX005284.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1504) (-)

12000

10000

8000

6000

4000

2000

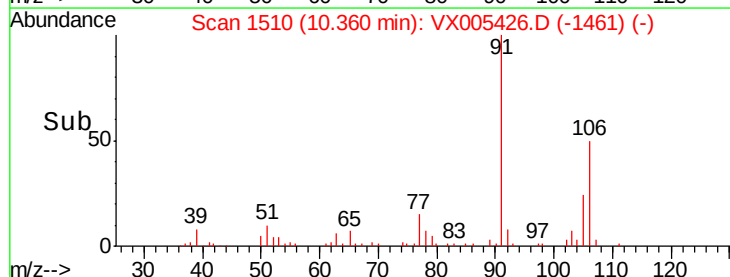
0

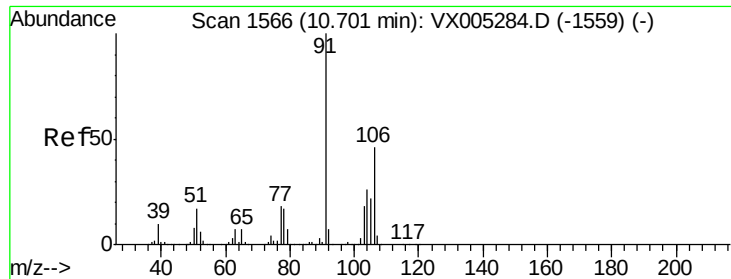
10.30

10.35

10.40

Time-->

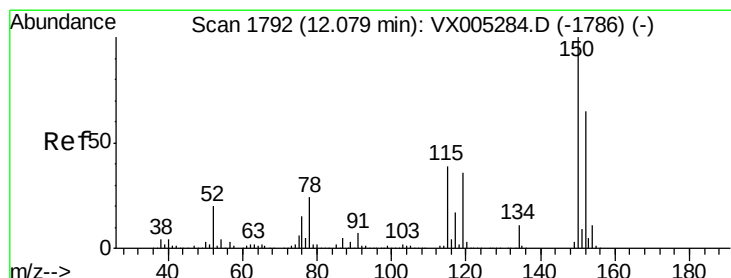
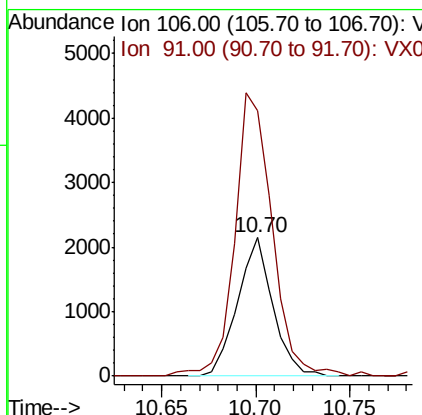
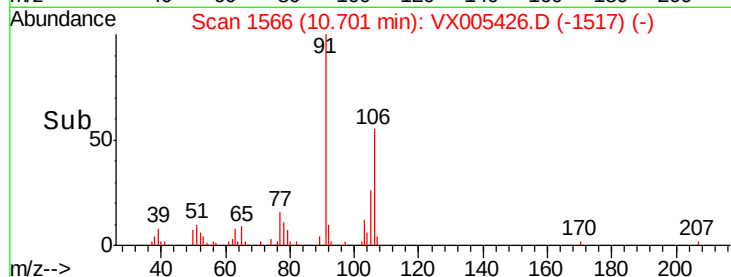
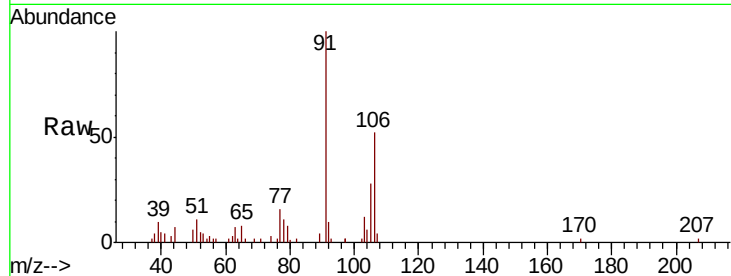




#69
o-Xylene
Concen: 0.519 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

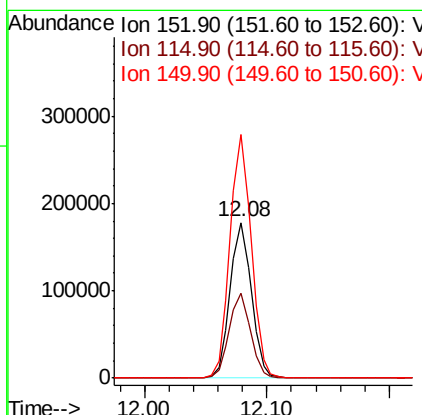
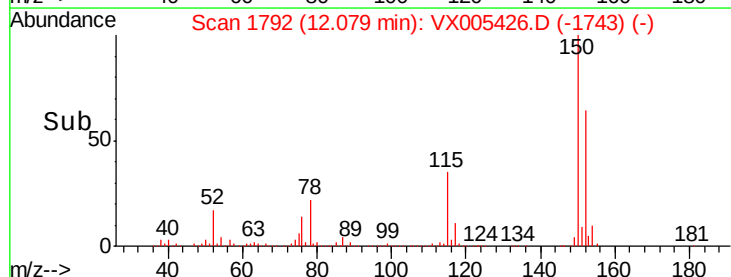
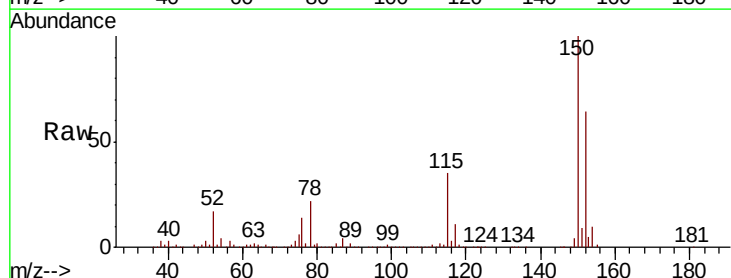
Instrument :
MSVOA_X
ClientSampled :
MW-2

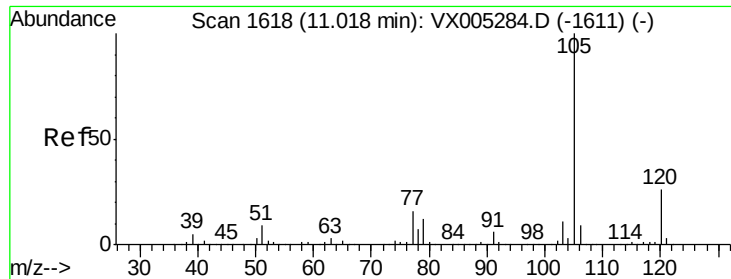
Tot Ion:106 Resp: 2788
Ion Ratio Lower Upper
106 100
91 216.6 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Tgt Ion:152 Resp: 213525
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 157.0 0.0 351.0

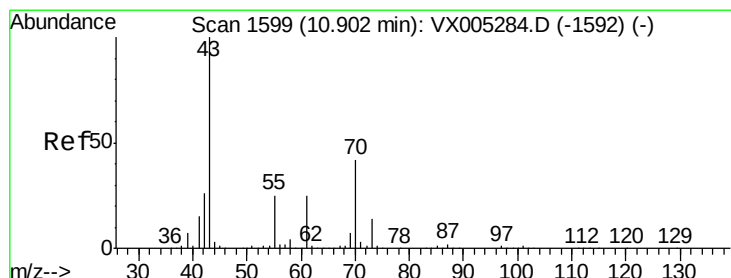
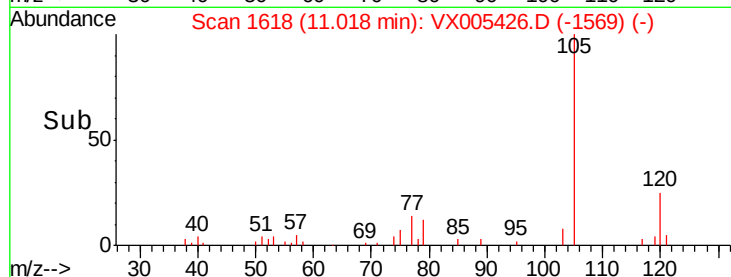
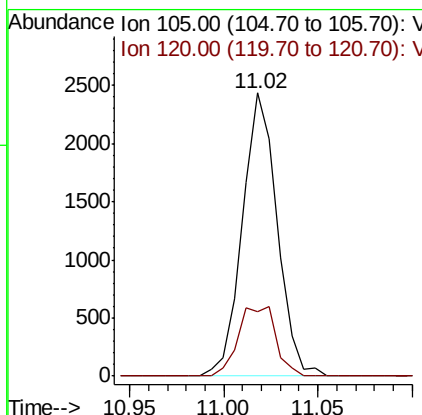
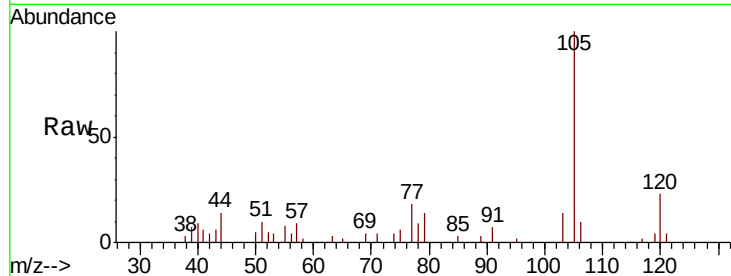




#73
Isopropylbenzene
Concen: 0.246 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

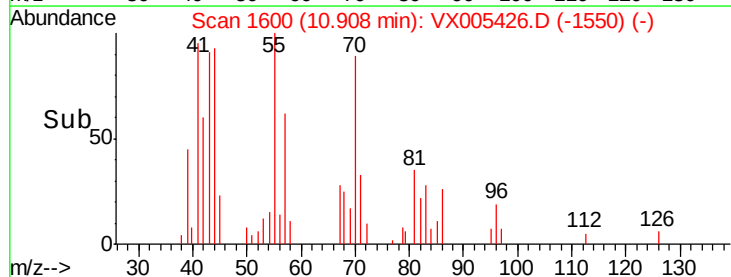
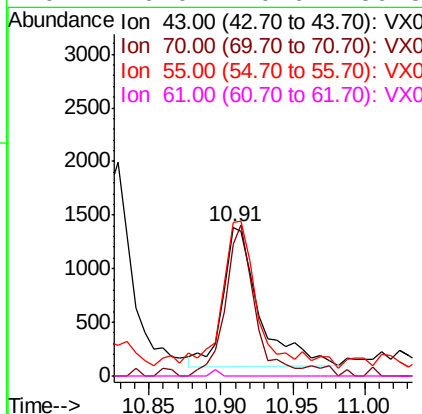
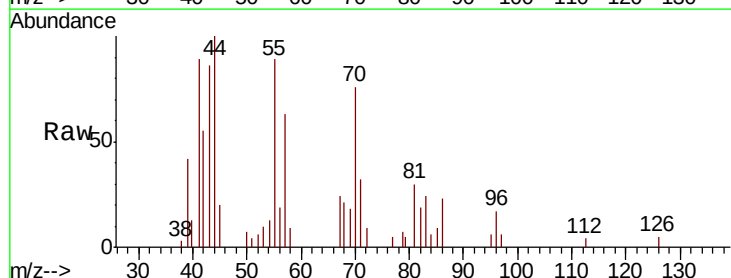
Instrument :
MSVOA_X
ClientSampled :
MW-2

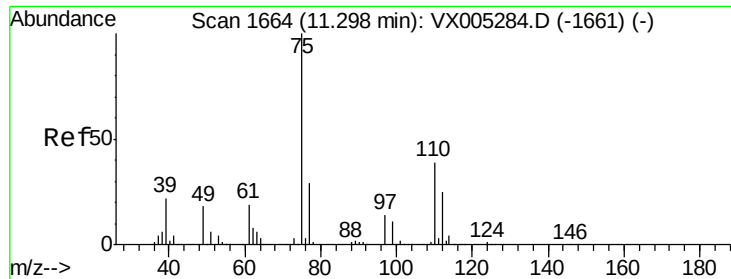
Tot Ion:105 Resp: 3121
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 0.377 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
70 88.3 37.4 56.0#
55 88.4 21.8 32.8#
61 0.0 20.6 30.8#

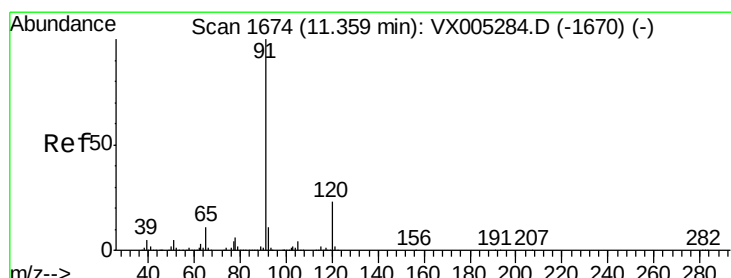
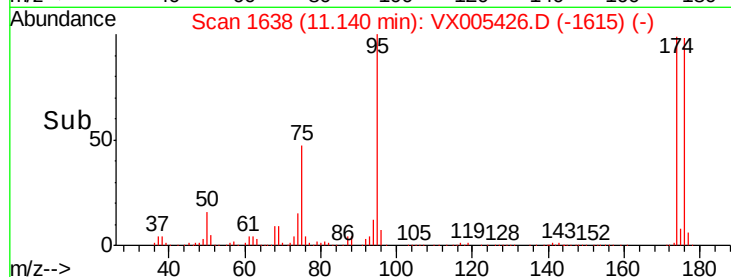
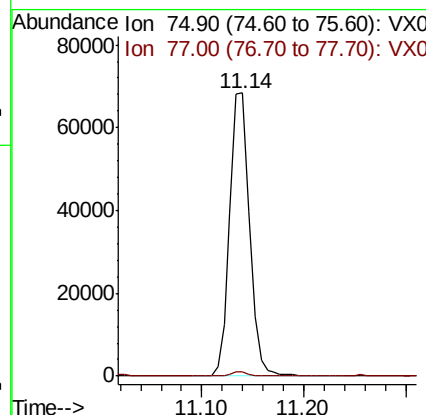
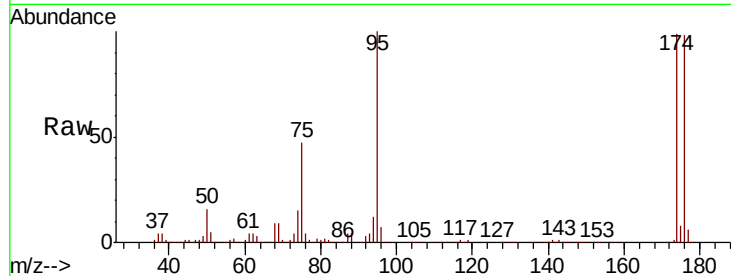




#76
 1,2,3-Trichloropropane
 Concen: 22.338 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

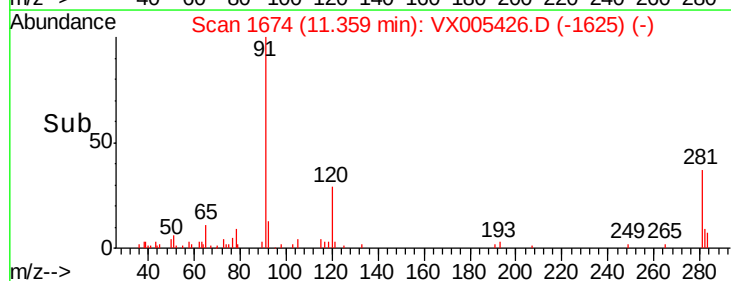
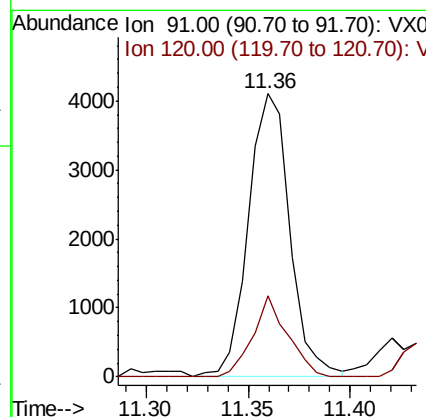
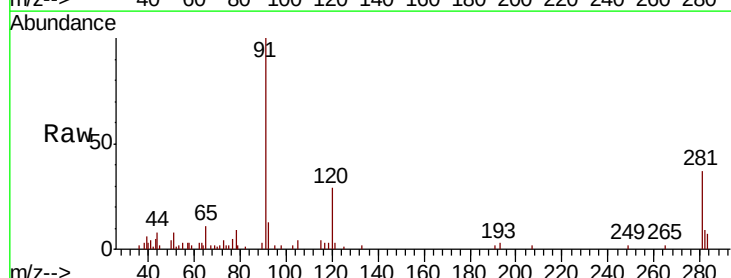
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

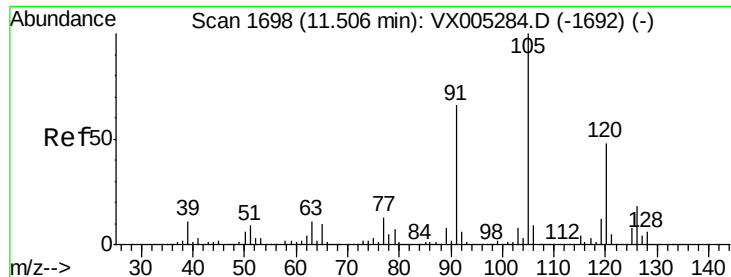
Tot Ion: 75 Resp: 92519
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.2 60.6#



#78
 n-propylbenzene
 Concen: 0.398 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

Tgt Ion: 91 Resp: 5817
 Ion Ratio Lower Upper
 91 100
 120 24.2 11.9 35.9





#80

1,3,5-Trimethylbenzene

Concen: 0.239 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampled :

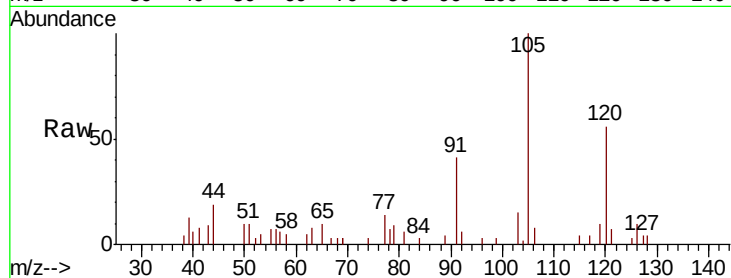
MW-2

Tot Ion:105 Resp: 2598

Ion Ratio Lower Upper

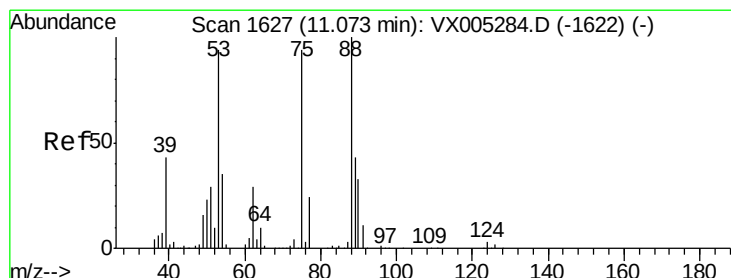
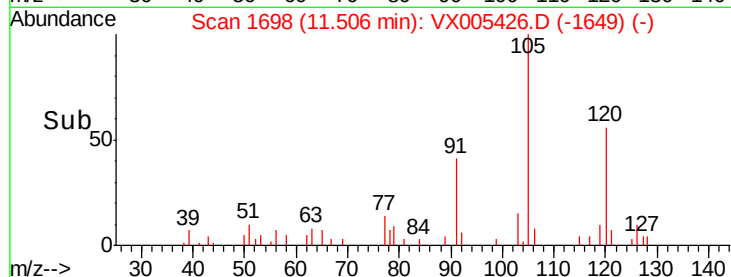
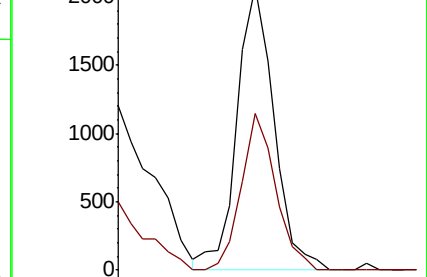
105 100

120 52.0 25.6 76.8



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: 67.874 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

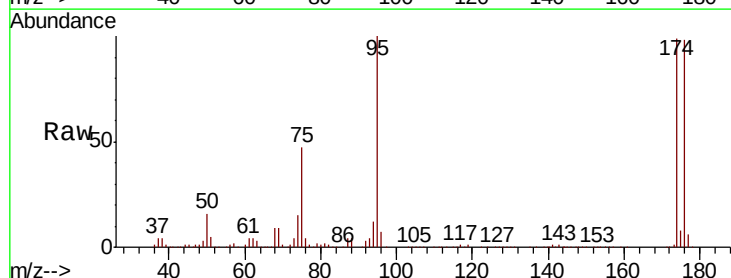
Tgt Ion: 75 Resp: 92519

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

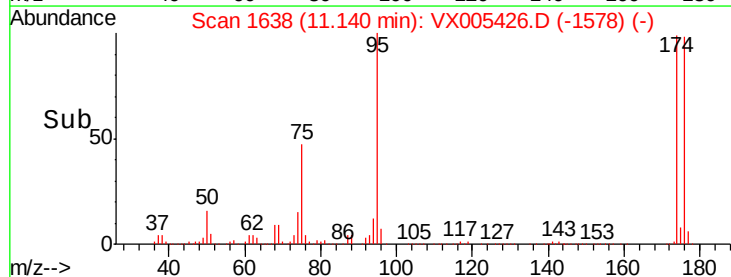
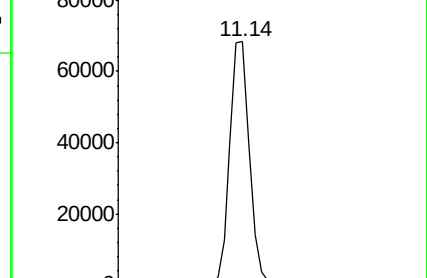
89 0.0 37.2 55.8#

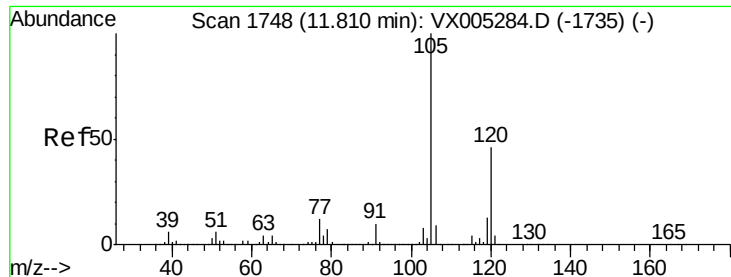


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

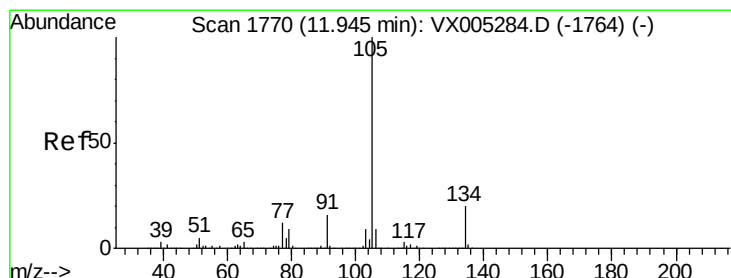
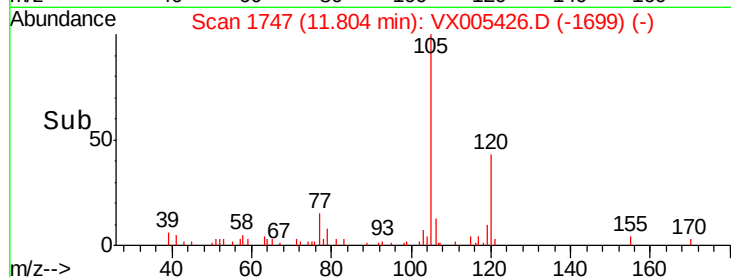
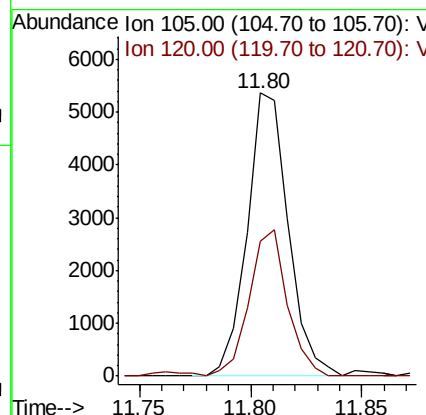
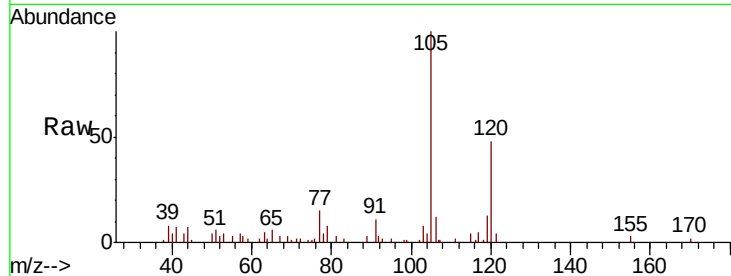




#84
 1,2,4-Trimethylbenzene
 Concen: 0.619 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

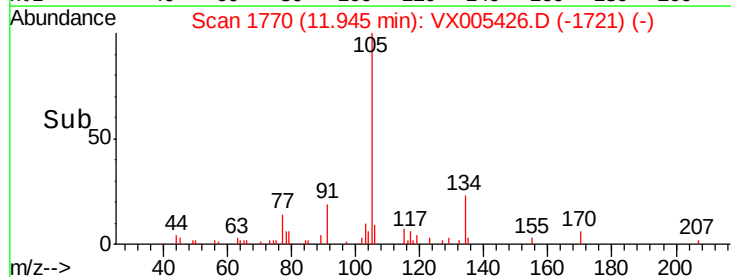
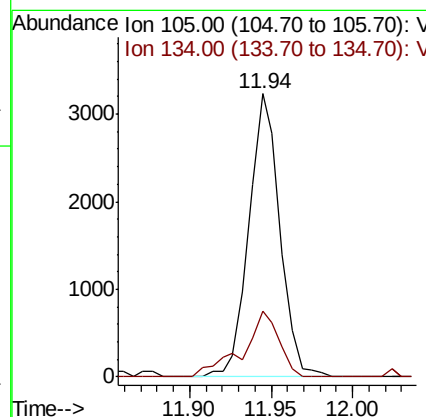
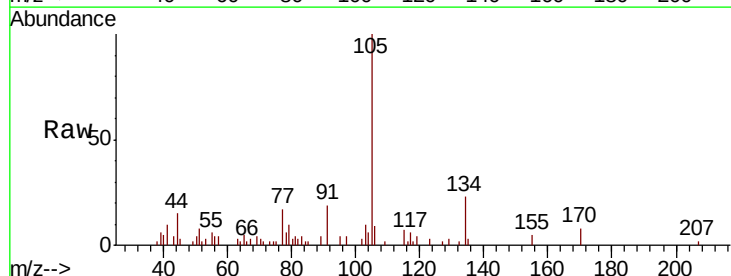
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

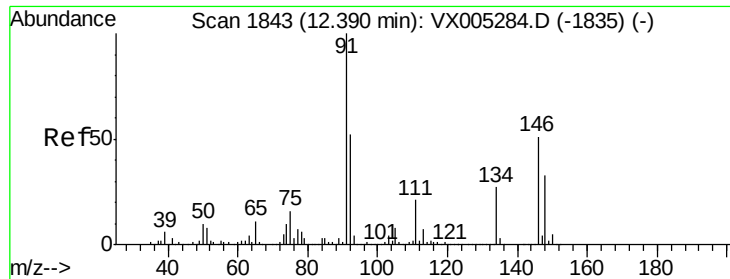
Tot Ion:105 Resp: 6925
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 0.328 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005426.D
 Acq: 18 Oct 2018 13:30

Tgt Ion:105 Resp: 4279
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.5 31.5





#89

n-Butylbenzene

Concen: 0.389 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005426.D

Acq: 18 Oct 2018 13:30

Instrument :

MSVOA_X

ClientSampled :

MW-2

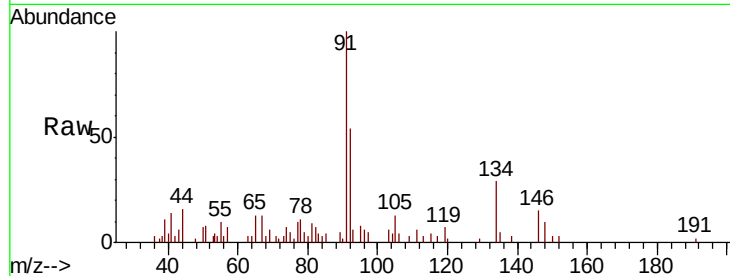
Tot Ion: 91 Resp: 4154

Ion Ratio Lower Upper

91 100

92 47.8 27.3 81.9

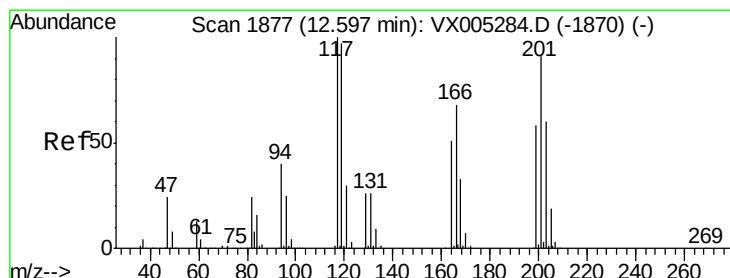
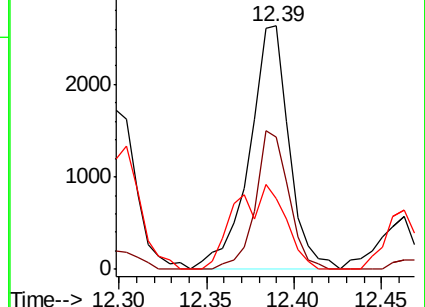
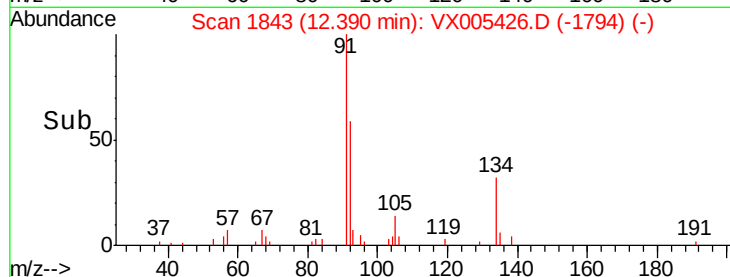
134 21.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX005426.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005426.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005426.D (-1794) (-)



#90

Hexachloroethane

Concen: 1.158 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005426.D

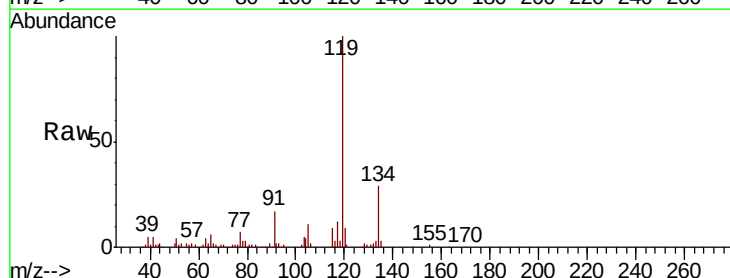
Acq: 18 Oct 2018 13:30

Tgt Ion: 117 Resp: 2349

Ion Ratio Lower Upper

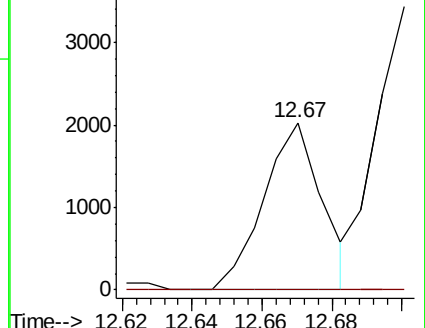
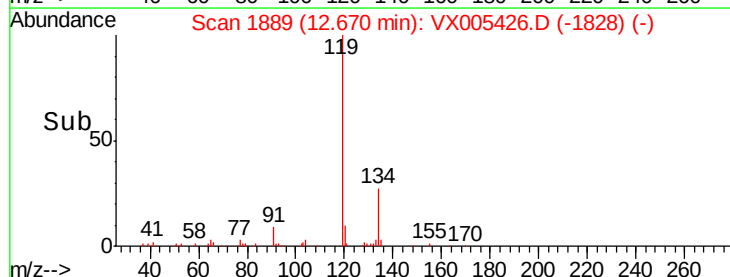
117 100

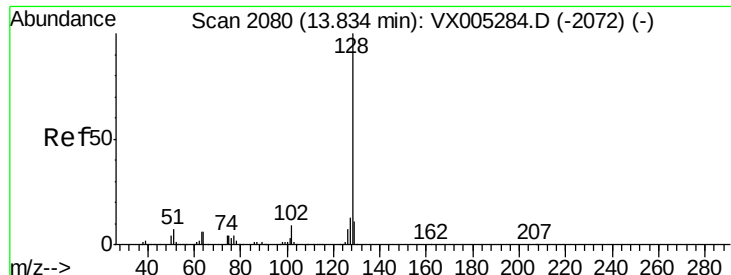
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX005426.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005426.D (-1828) (-)

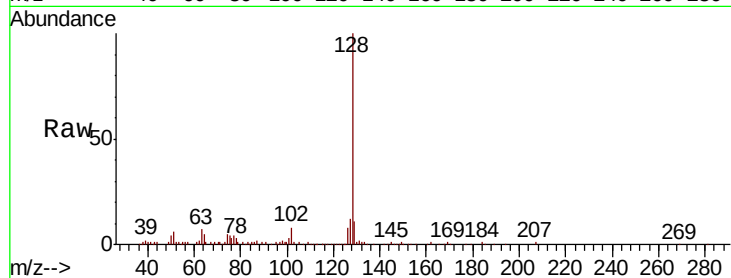




#95
Naphthalene
Concen: 2.313 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005426.D
Acq: 18 Oct 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	13.8	8.6	12.8



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

