

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003631.D
 Acq On : 24 Jul 2018 04:29
 Operator : JC/SP
 Sample : J4073-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 08:54:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138817	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.51	113	131875	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.72	98	493907	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.14	95	168780	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

Target Compounds

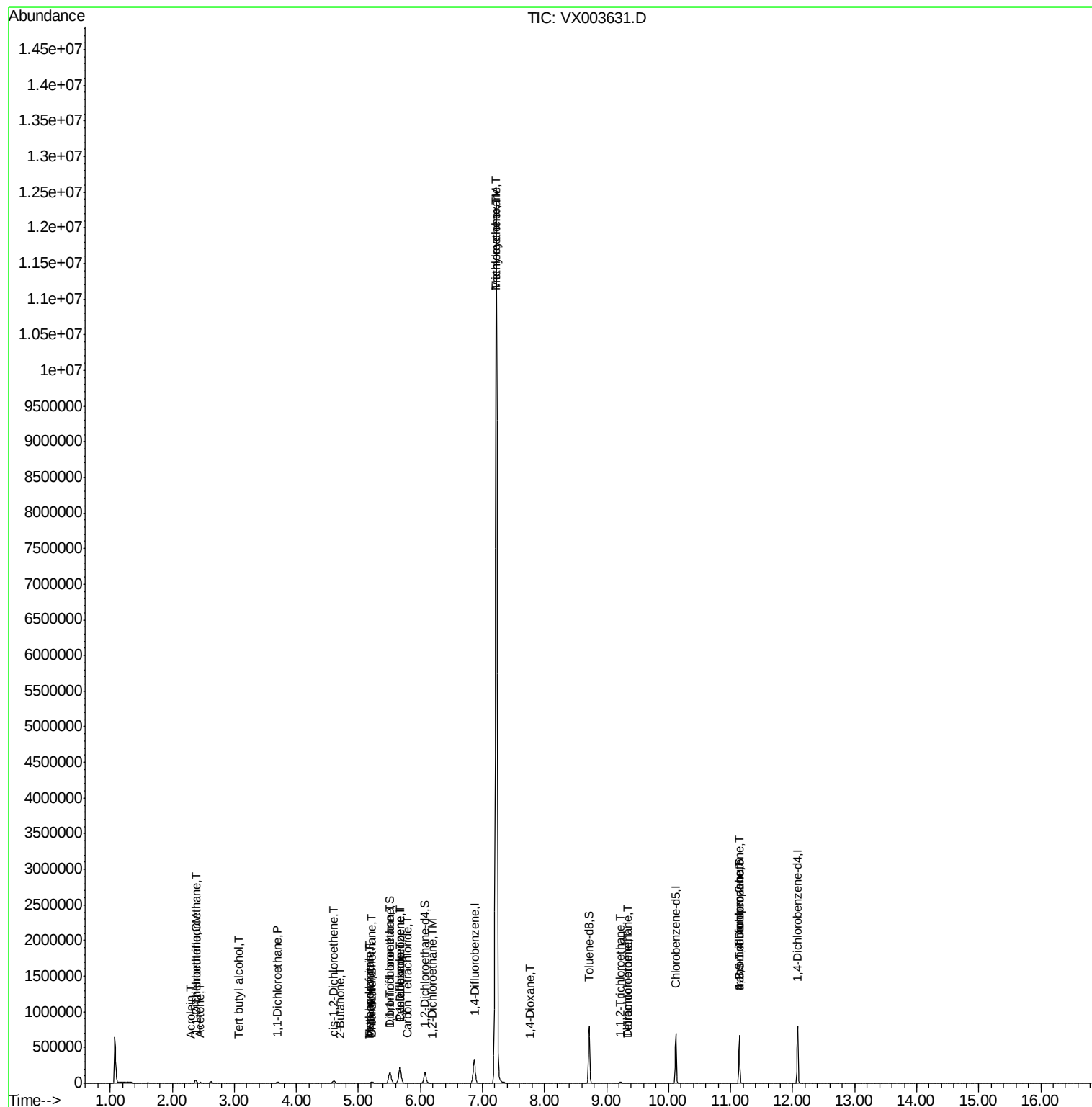
						Qvalue
2) Dichlorodifluoromethane	1.20	85	343	Below Cal		84
3) Chloromethane	1.32	50	496	Below Cal		89
5) Bromomethane	1.65	94	334	Below Cal		97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7670	2.79	ug/l	96
11) Tert butyl alcohol	3.07	59	176	0.30	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	10583	4.18	ug/l	80
13) Acrolein	2.29	56	91	0.35	ug/l #	76
16) Acetone	2.45	43	5371	4.84	ug/l #	83
20) Methylene Chloride	2.87	84	506	Below Cal	#	56
24) 1,1-Dichloroethane	3.70	63	20014	4.04	ug/l	98
25) 2-Butanone	4.71	43	900	0.48	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	18545	5.91	ug/l	72
28) Bromochloromethane	5.22	49	956	0.44	ug/l #	13
29) Tetrahydrofuran	5.17	42	1935	1.57	ug/l #	61
30) Chloroform	5.22	83	14159	2.93	ug/l	100
31) Cyclohexane	5.67	56	3323	0.75	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	2680	0.65	ug/l #	48
36) 1,1-Dichloropropene	5.67	75	13805	3.59	ug/l #	50
38) Carbon Tetrachloride	5.78	117	3801	1.01	ug/l	95
39) Methylcyclohexane	7.22	83	53334	11.72	ug/l #	1
41) Methacrylonitrile	5.17	41	1360	0.64	ug/l #	49
42) 1,2-Dichloroethane	6.20	62	1442	0.39	ug/l	93
44) Trichloroethene	7.22	130	5175978	1496.03	ug/l	98
49) 1,4-Dioxane	7.77	88	926	14.01	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	4454	1.53	ug/l	91
60) Dibromochloromethane	9.34	129	815	0.28	ug/l #	11
64) Tetrachloroethene	9.34	164	991	0.24	ug/l #	86
76) 1,2,3-Trichloropropane	11.14	75	76588	22.84	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	76588	64.17	ug/l #	7

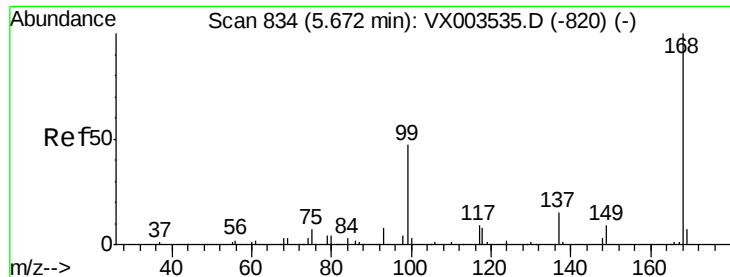
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072318\
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

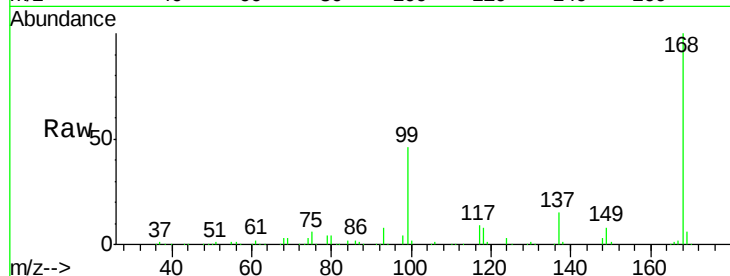
ClientSampled :

Tot Ion:168 Resp: 248087

Ion Ratio Lower Upper

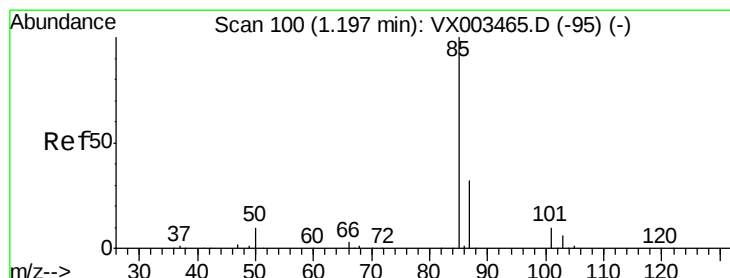
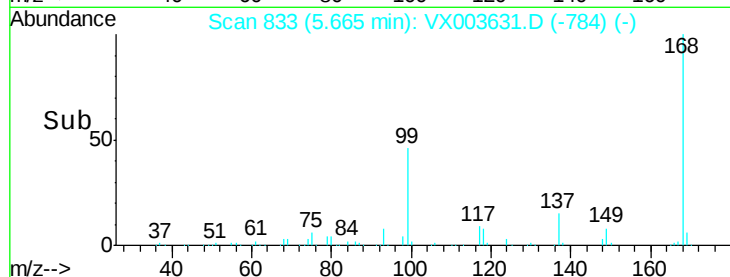
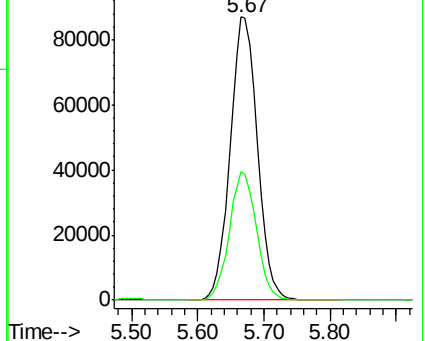
168 100

99 45.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003631.D

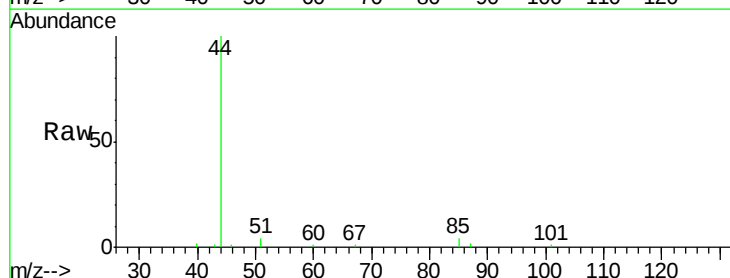
Acq: 24 Jul 2018 04:29

Tgt Ion: 85 Resp: 343

Ion Ratio Lower Upper

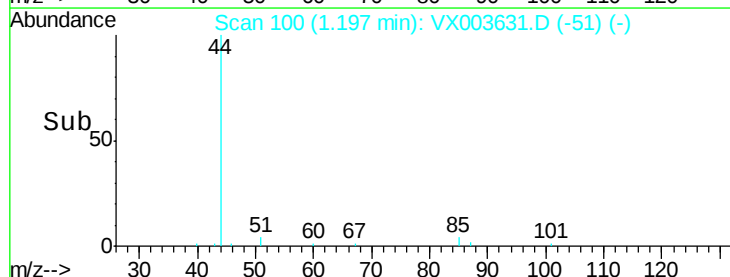
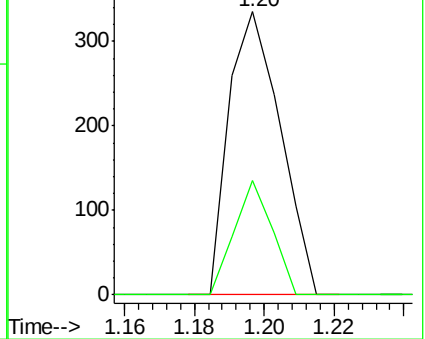
85 100

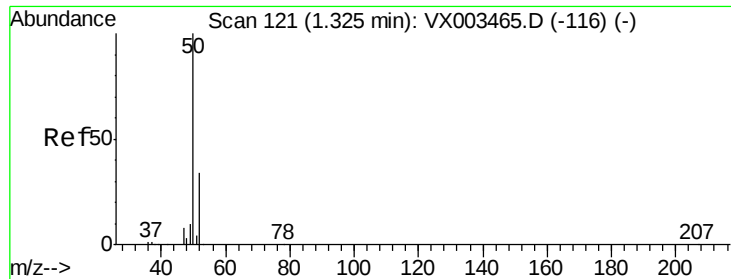
87 40.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

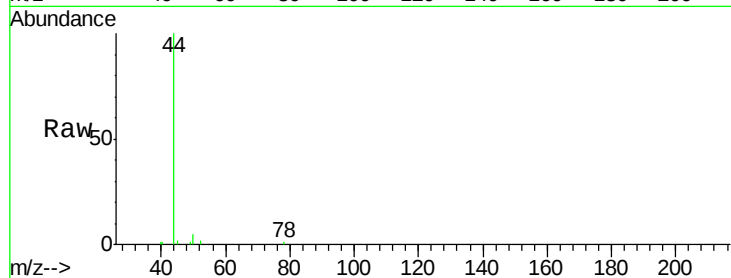
ClientSampleId :

Tot Ion: 50 Resp: 496

Ion Ratio Lower Upper

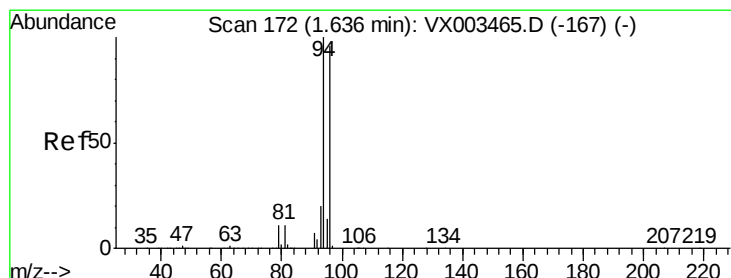
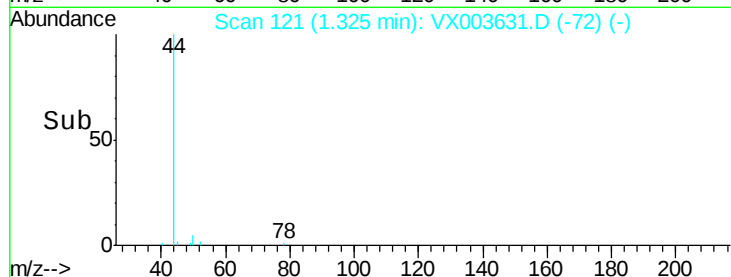
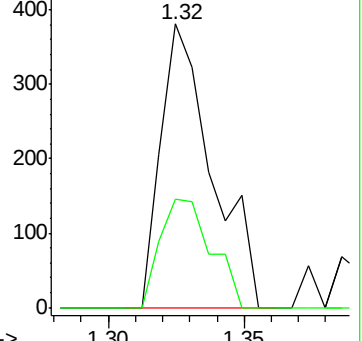
50 100

52 38.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003631.D

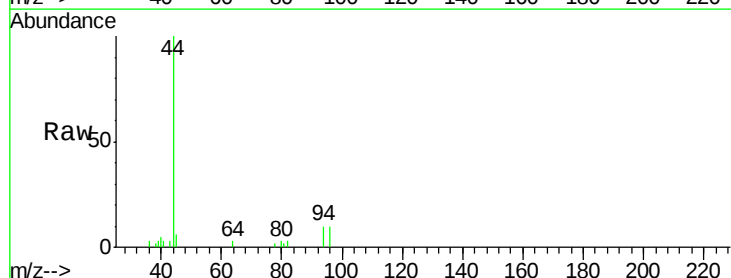
Acq: 24 Jul 2018 04:29

Tgt Ion: 94 Resp: 334

Ion Ratio Lower Upper

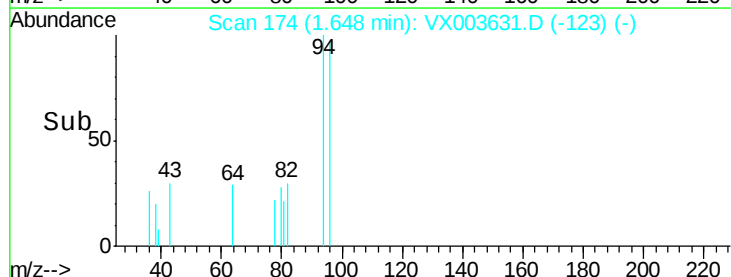
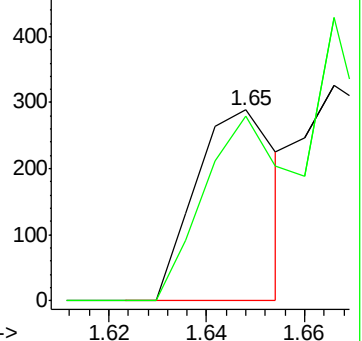
94 100

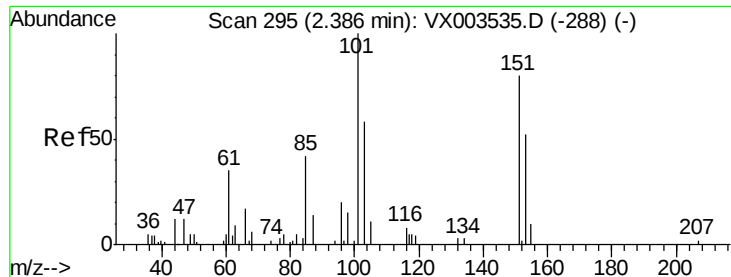
96 96.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.79 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

ClientSampled :

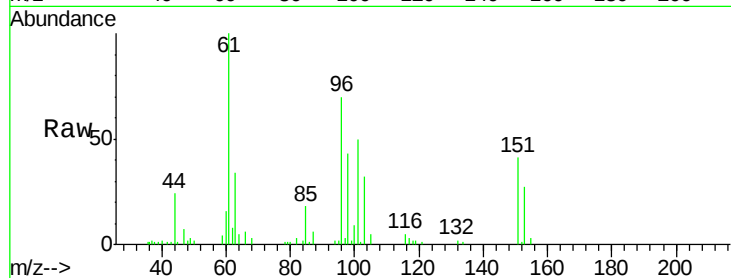
Tot Ion:101 Resp: 7670

Ion Ratio Lower Upper

101 100

85 39.9 36.0 54.0

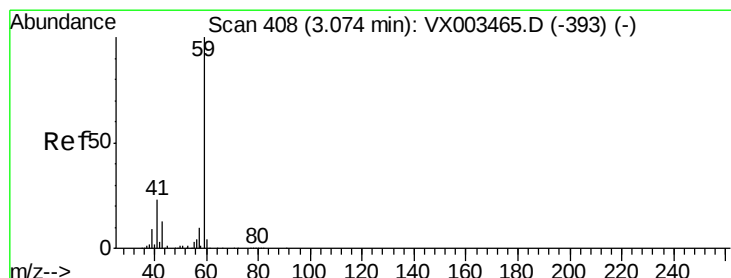
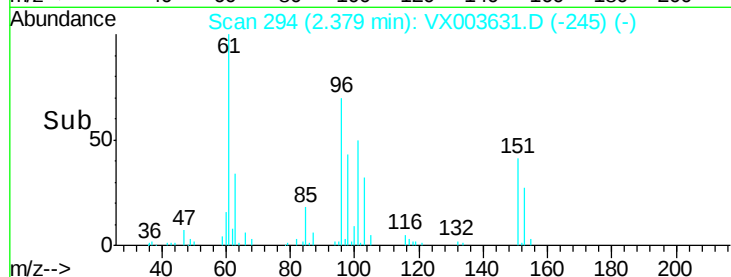
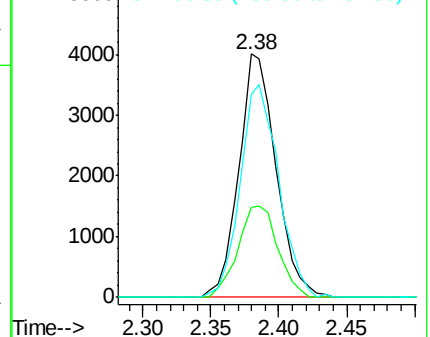
151 90.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.30 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX003631.D

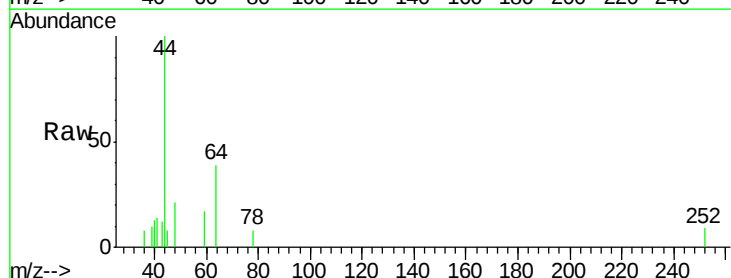
Acq: 24 Jul 2018 04:29

Tgt Ion: 59 Resp: 176

Ion Ratio Lower Upper

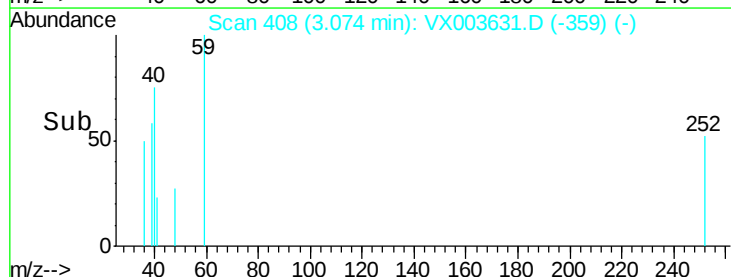
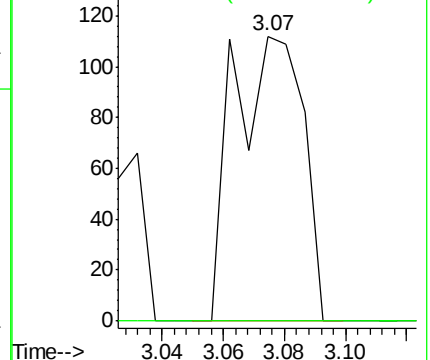
59 100

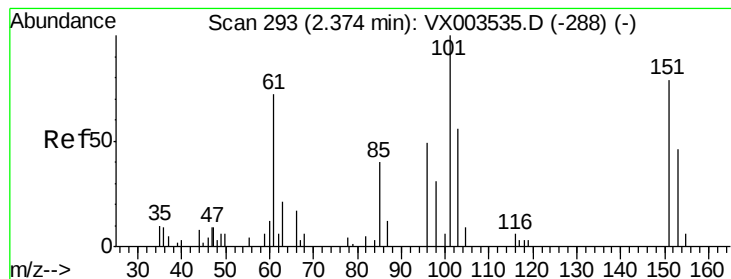
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 4.18 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :
MSVOA_X
ClientSampleId :

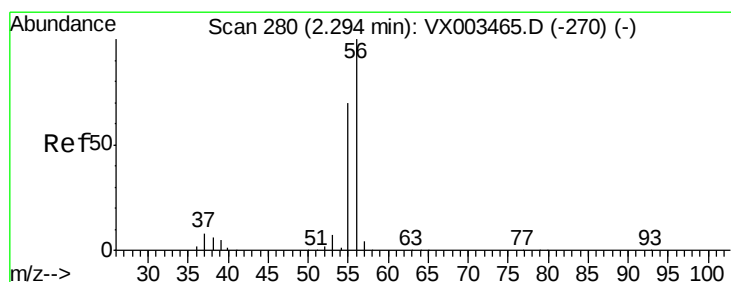
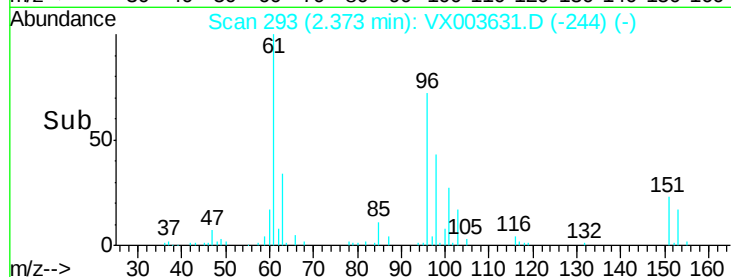
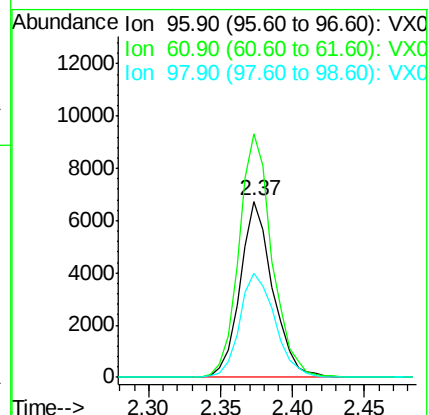
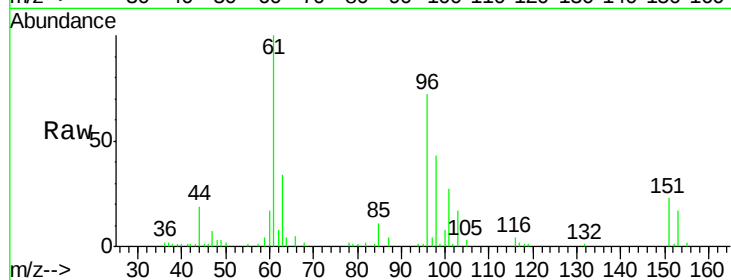
Tot Ion: 96 Resp: 10583

Ion Ratio Lower Upper

96 100

61 138.4 137.9 206.9

98 59.2 51.6 77.4



#13

Acrolein

Concen: 0.35 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX003631.D

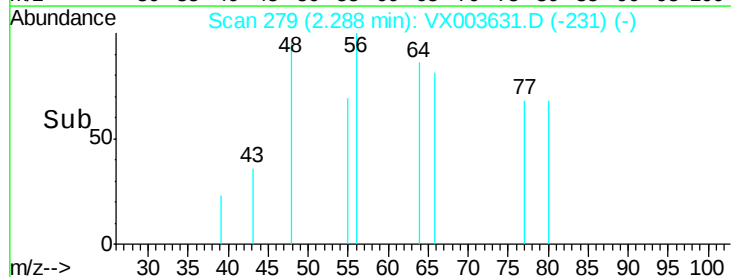
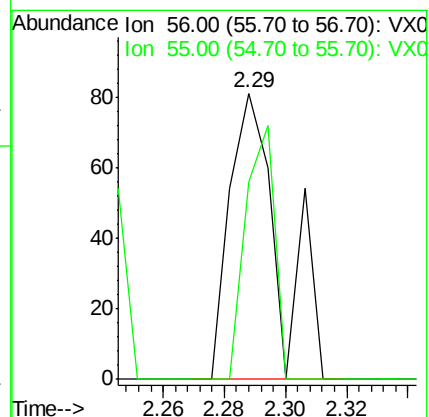
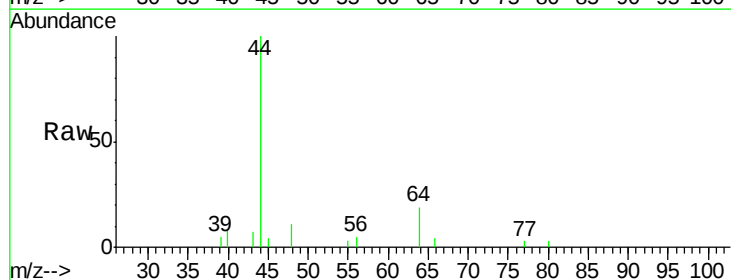
Acq: 24 Jul 2018 04:29

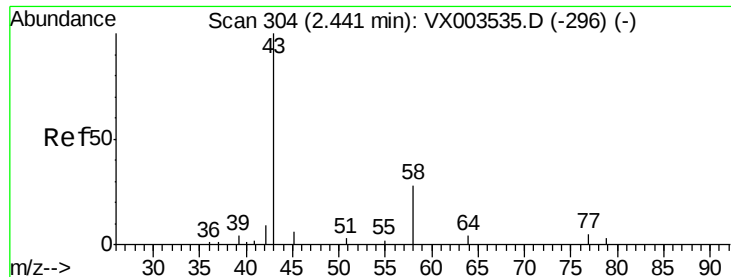
Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 51.6 57.0 85.4#





#16

Acetone

Concen: 4.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

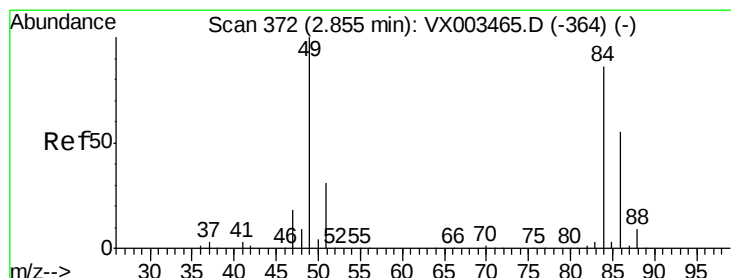
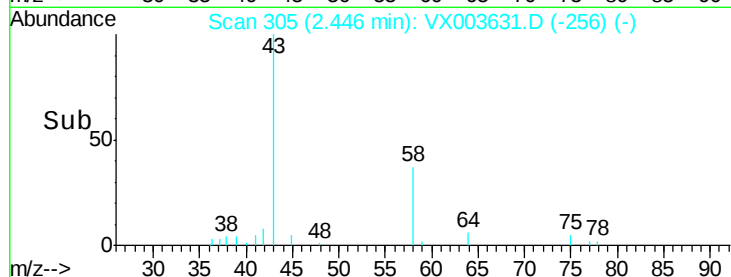
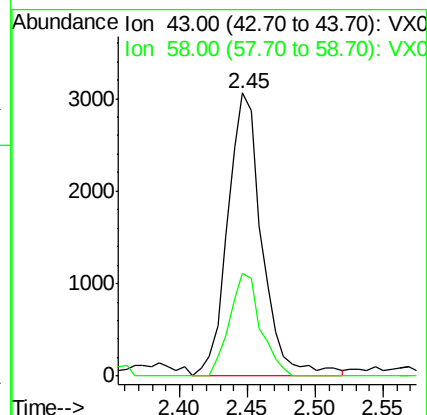
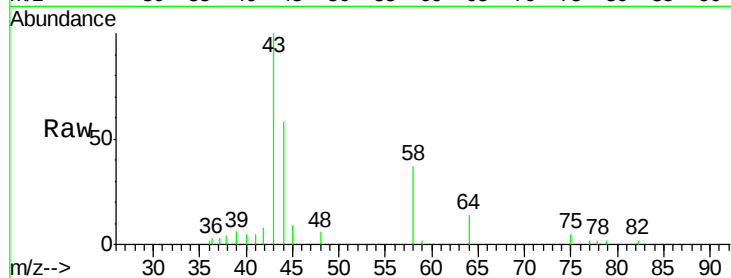
ClientSampleId :

Tot Ion: 43 Resp: 5371

Ion Ratio Lower Upper

43 100

58 36.6 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Tgt Ion: 84 Resp: 506

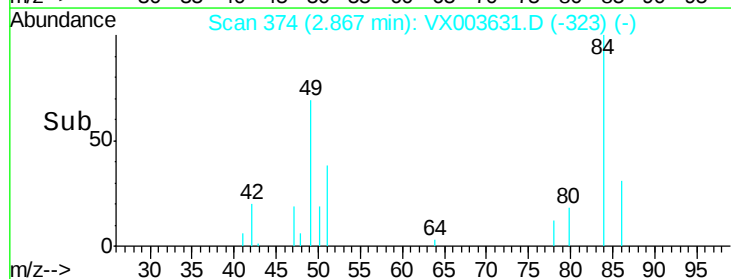
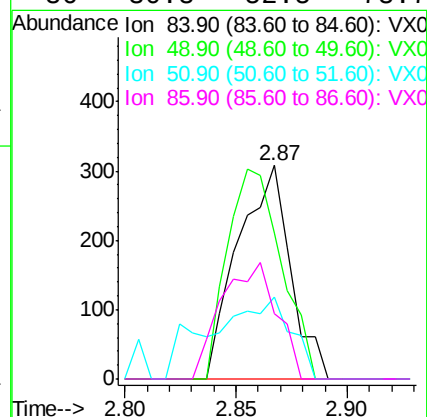
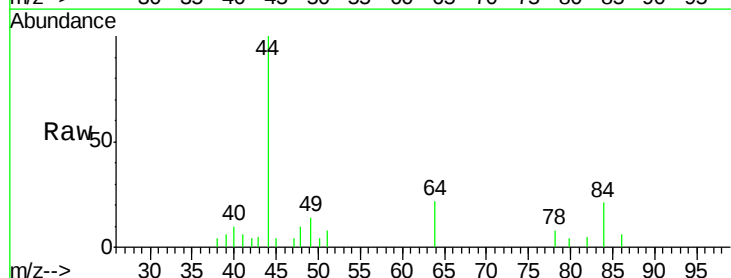
Ion Ratio Lower Upper

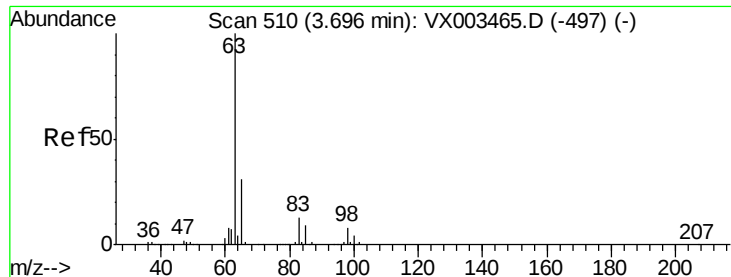
84 100

49 68.5 107.8 161.6#

51 38.3 32.8 49.2

86 30.8 52.5 78.7#





#24

1,1-Dichloroethane

Concen: 4.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

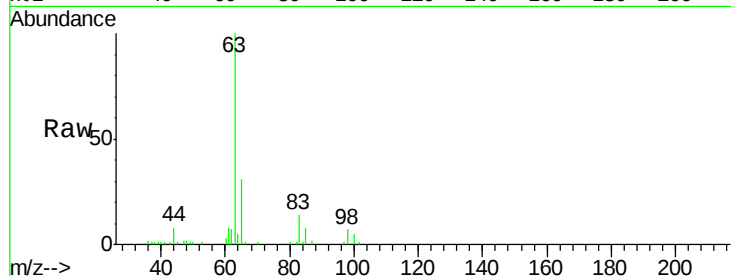
Tot Ion: 63 Resp: 20014

Ion Ratio Lower Upper

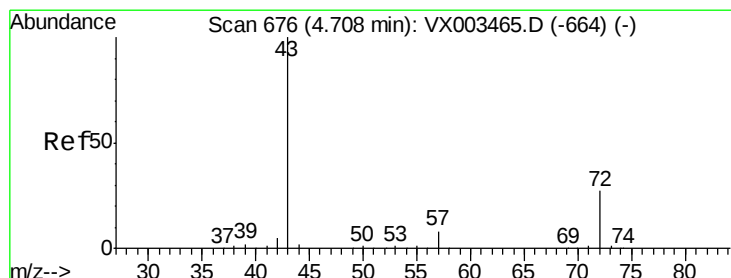
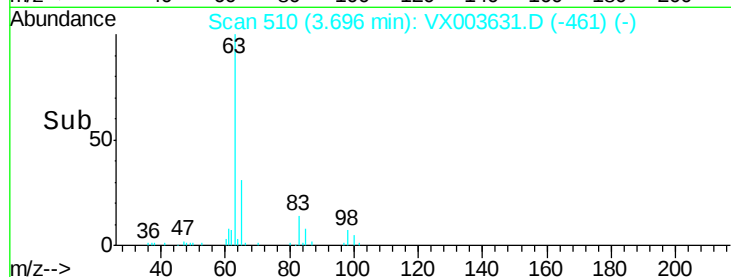
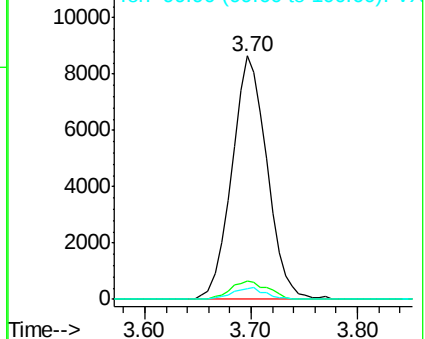
63 100

98 7.4 3.4 10.2

100 4.5 2.0 6.0



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: 0.48 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003631.D

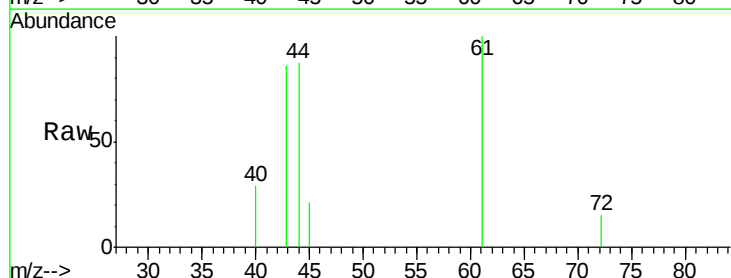
Acq: 24 Jul 2018 04:29

Tgt Ion: 43 Resp: 900

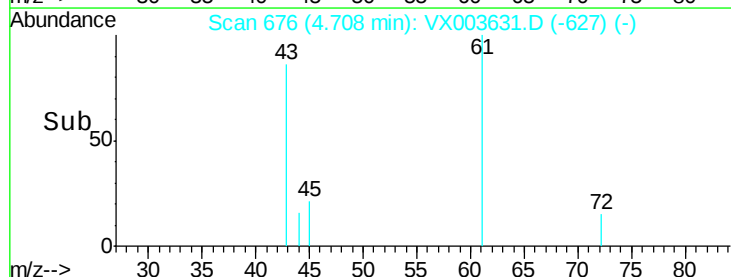
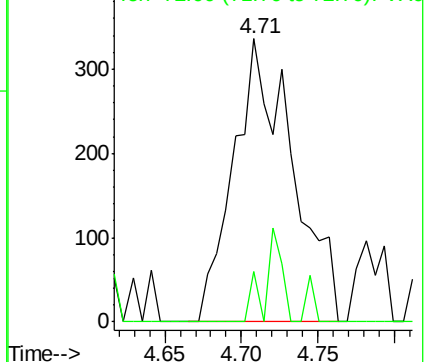
Ion Ratio Lower Upper

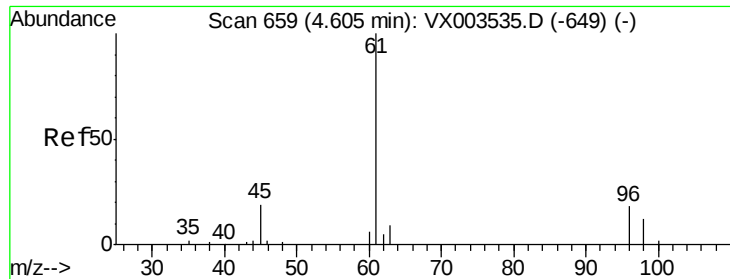
43 100

72 17.9 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



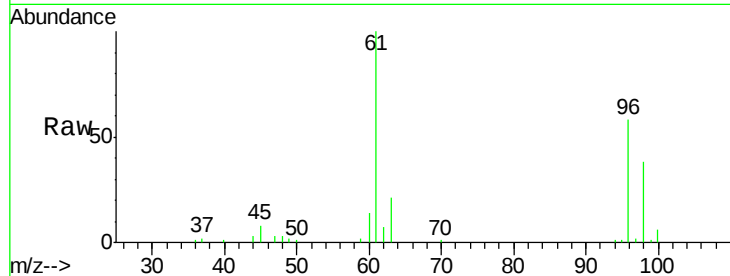


#27

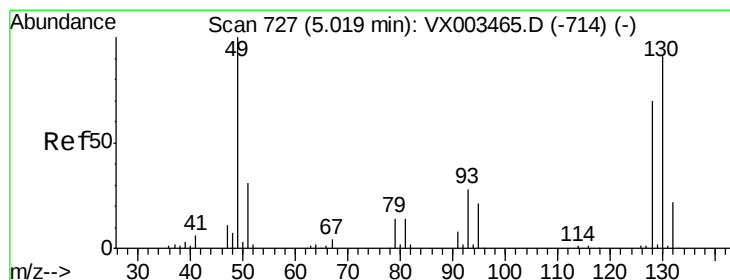
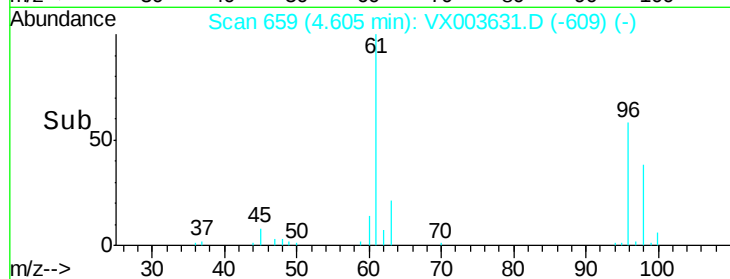
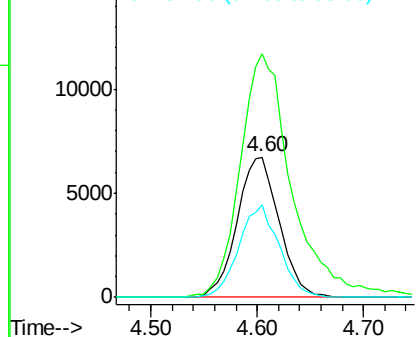
cis-1,2-Dichloroethene
Concen: 5.91 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	216.5	0.0	330.2
98	63.7	0.0	130.2



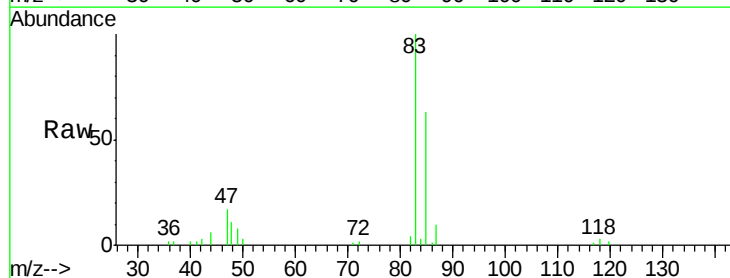
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



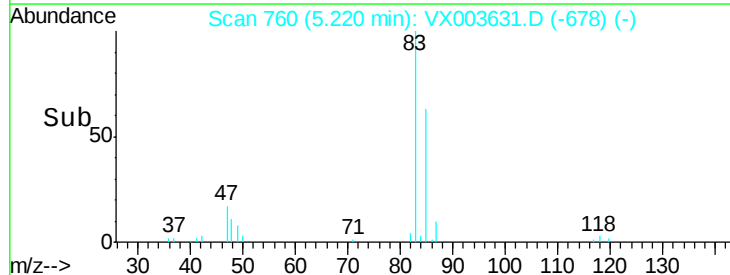
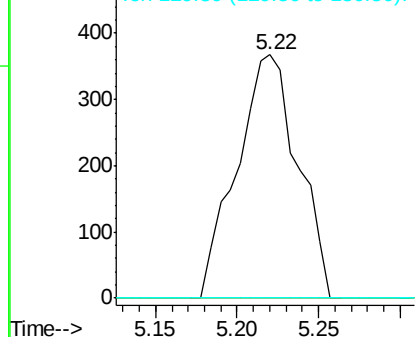
#28

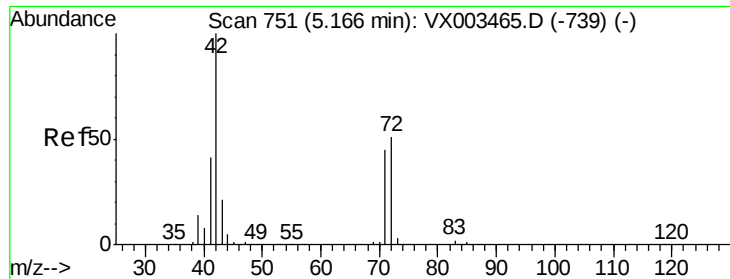
Bromochloromethane
Concen: 0.44 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.20 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

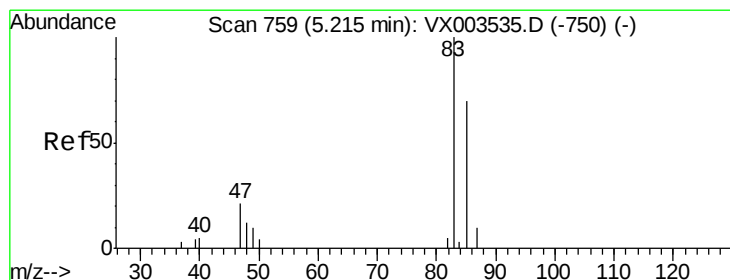
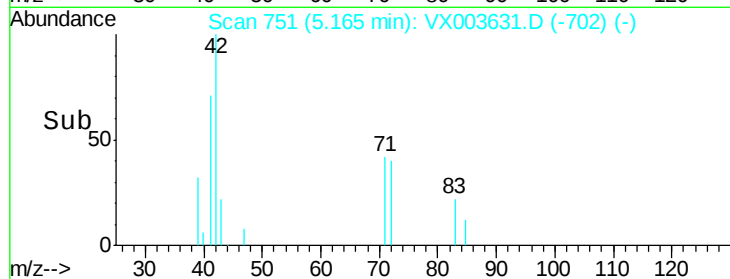
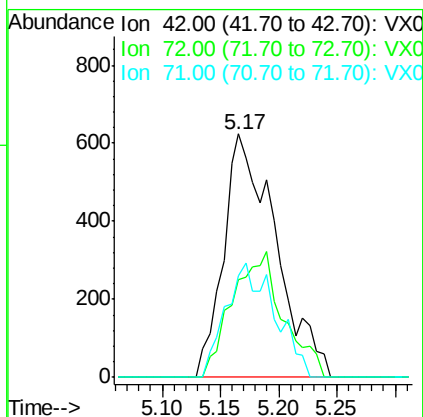
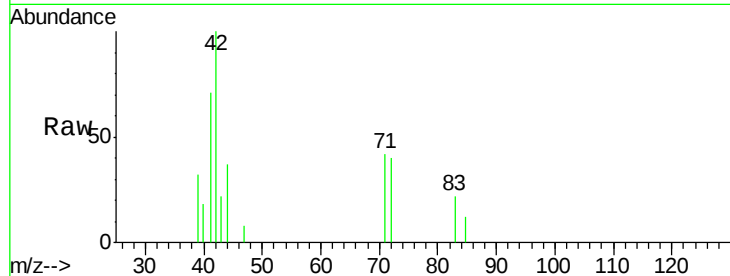




#29
Tetrahydrofuran
Concen: 1.57 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

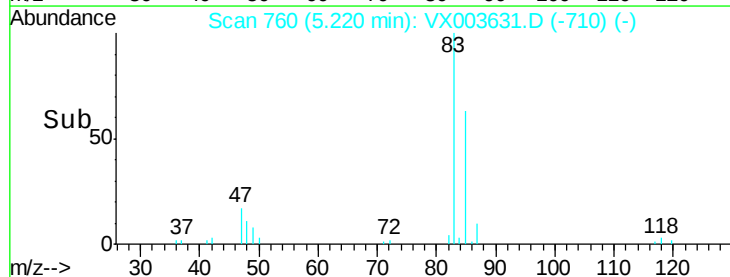
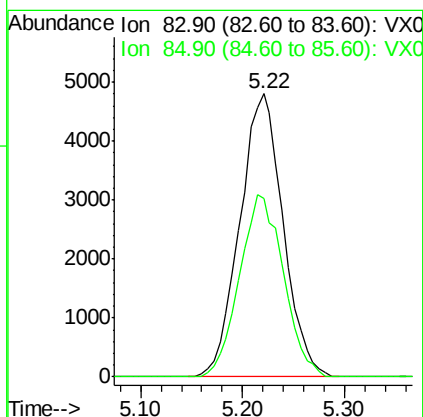
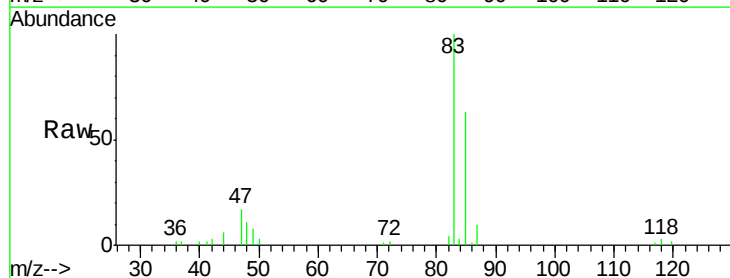
Instrument :
MSVOA_X
ClientSampleId :

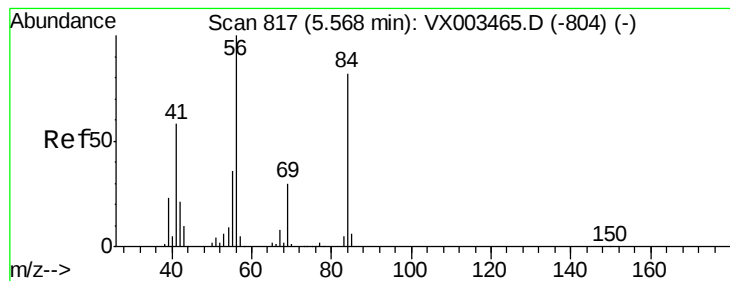
Tot Ion: 42 Resp: 1935
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 44.0 30.1 45.1



#30
Chloroform
Concen: 2.93 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion: 83 Resp: 14159
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6





#31

Cyclohexane

Concen: 0.75 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.10 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

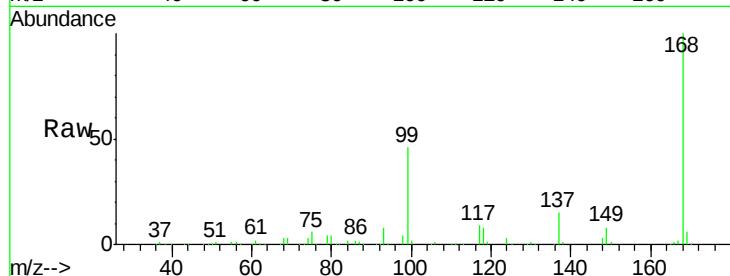
Tot Ion: 56 Resp: 3323

Ion Ratio Lower Upper

56 100

69 211.7 23.7 35.5#

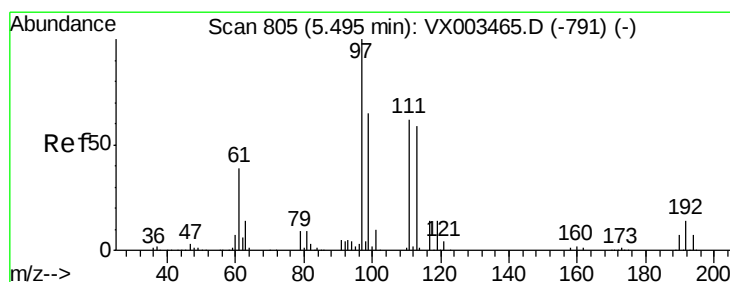
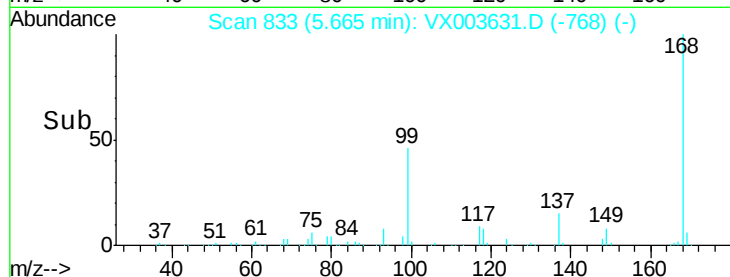
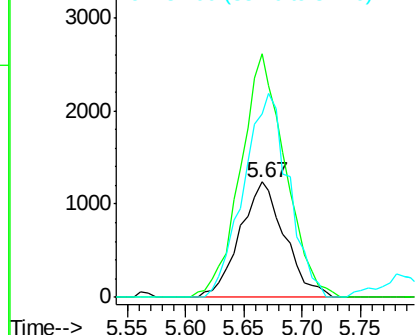
84 159.2 64.1 96.1#



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



#32

1,1,1-Trichloroethane

Concen: 0.65 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

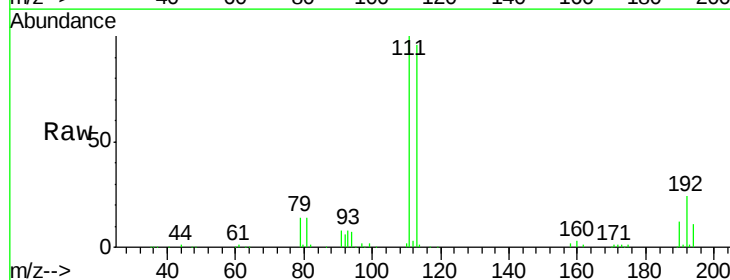
Tgt Ion: 97 Resp: 2680

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

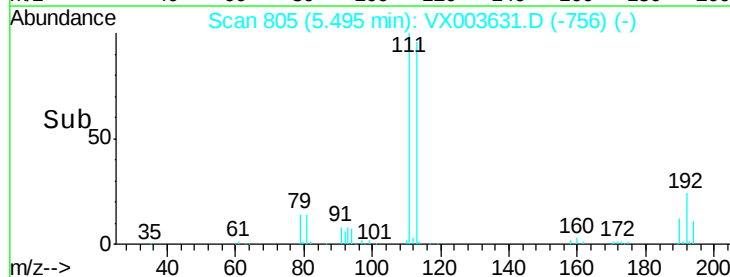
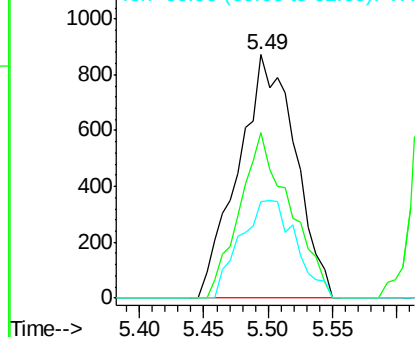
61 39.1 36.4 54.6

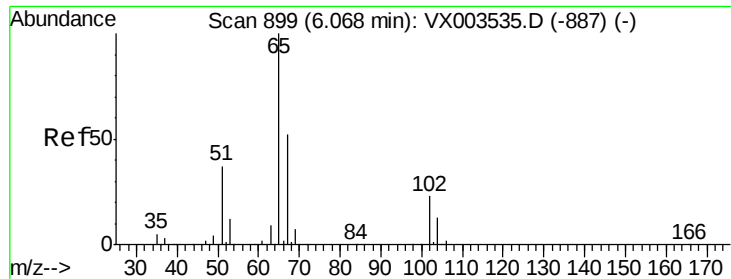


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

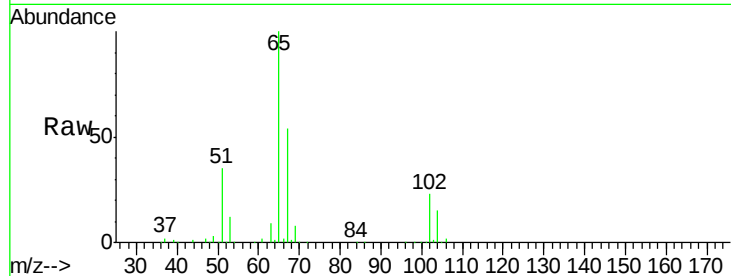
ClientSampleId :

Tot Ion: 65 Resp: 138817

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

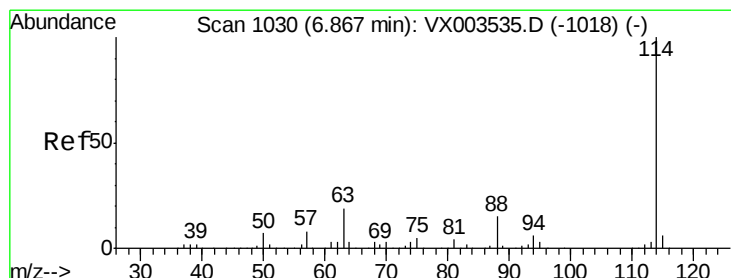
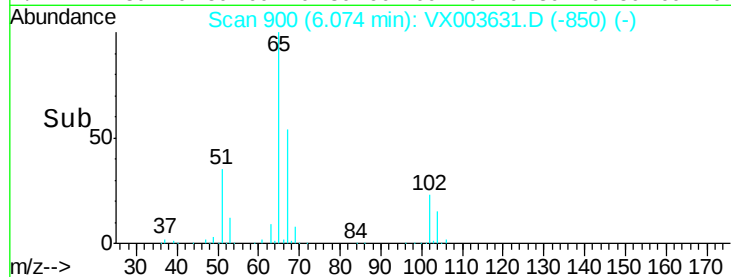
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

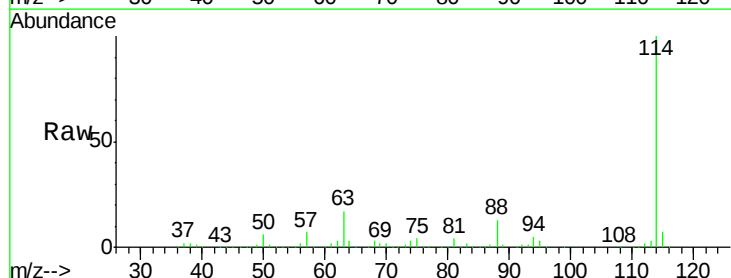
Tgt Ion: 114 Resp: 355895

Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.4

88 13.3 0.0 30.0



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

200000

150000

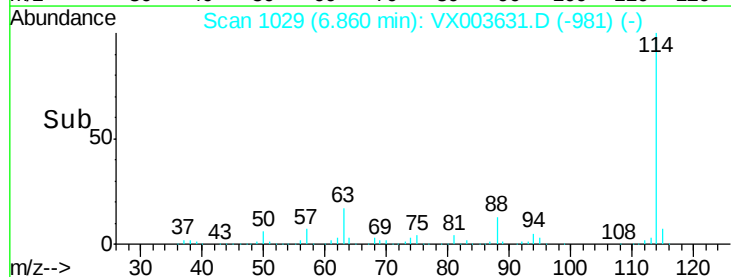
100000

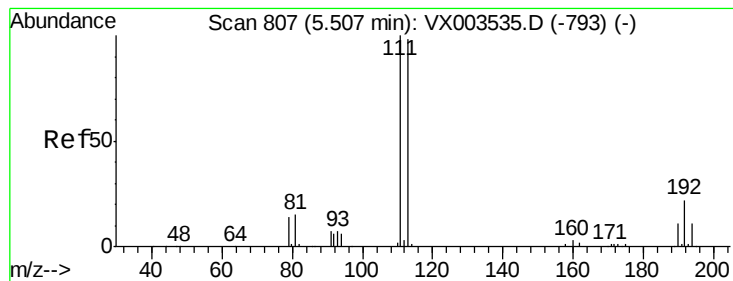
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :
MSVOA_X
ClientSampleId :

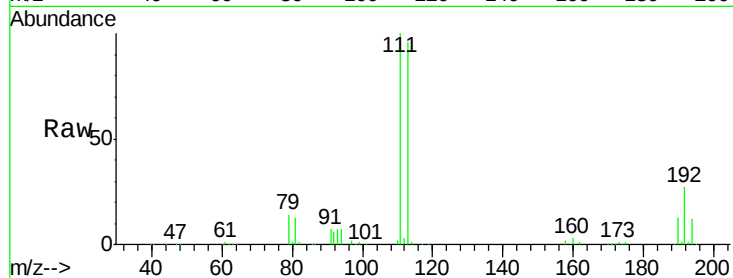
Tot Ion:113 Resp: 131875

Ion Ratio Lower Upper

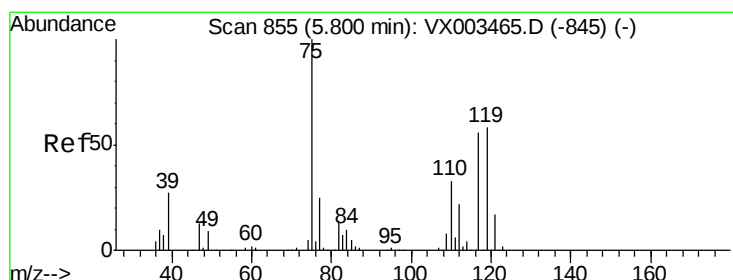
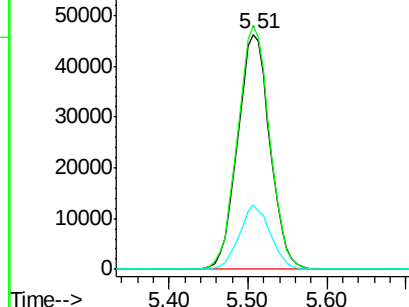
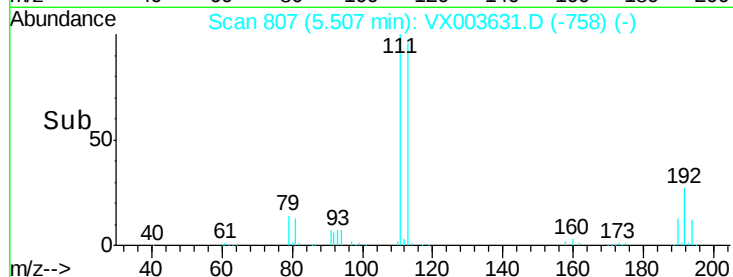
113 100

111 103.1 81.4 122.0

192 26.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.59 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

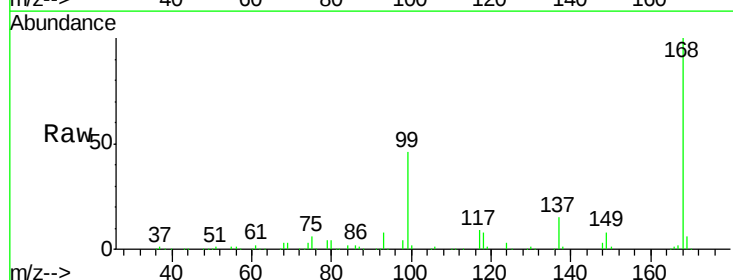
Tgt Ion: 75 Resp: 13805

Ion Ratio Lower Upper

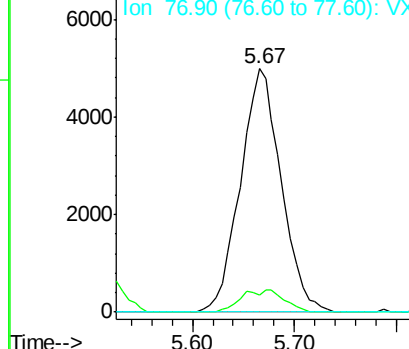
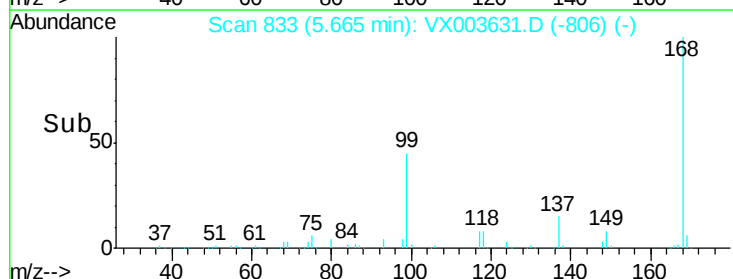
75 100

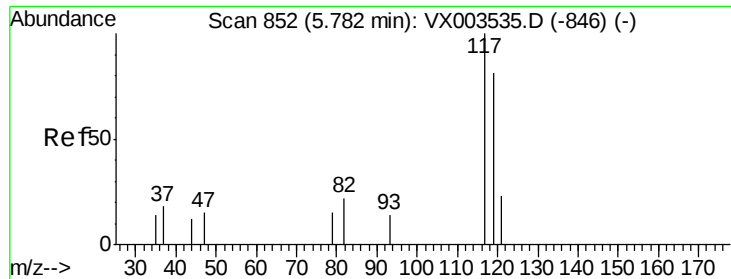
110 9.7 18.1 54.4#

77 0.0 24.3 36.5#



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

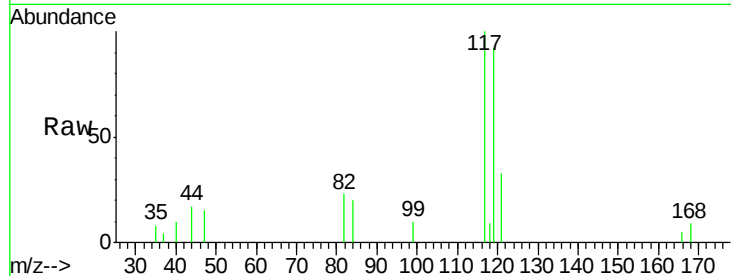




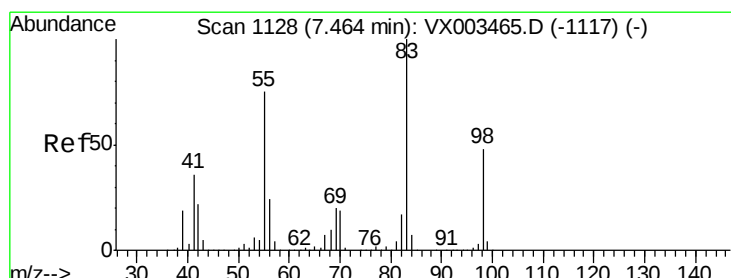
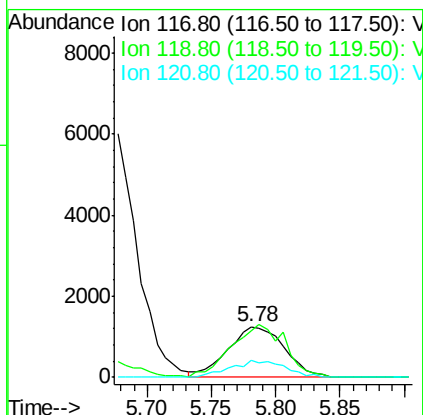
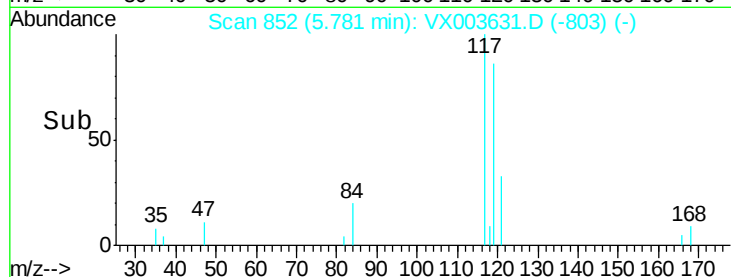
#38
Carbon Tetrachloride
Concen: 1.01 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 3801
Ion Ratio Lower Upper
117 100
119 92.2 77.4 116.0
121 33.0 24.4 36.6

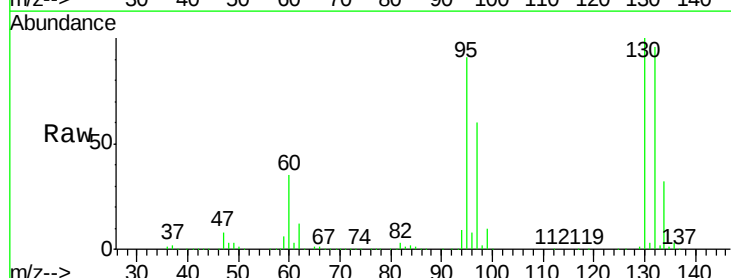


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

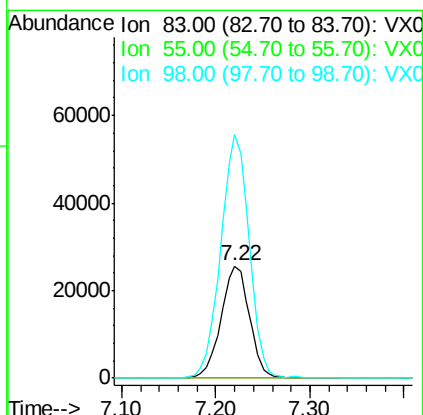
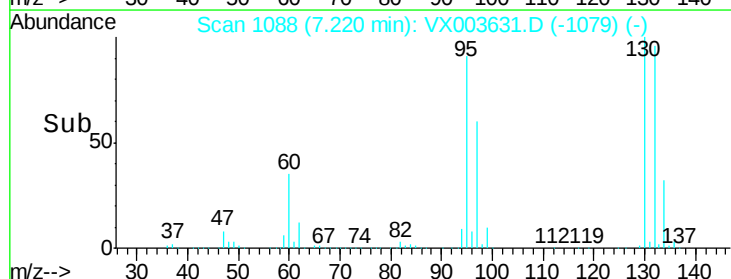


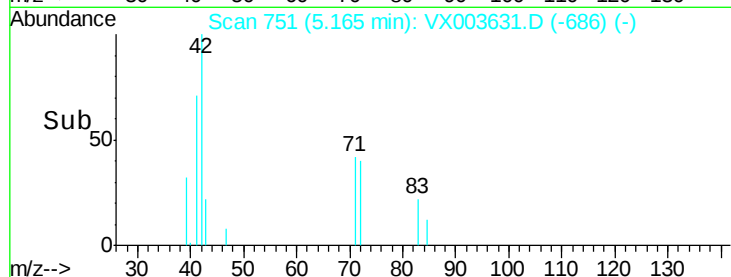
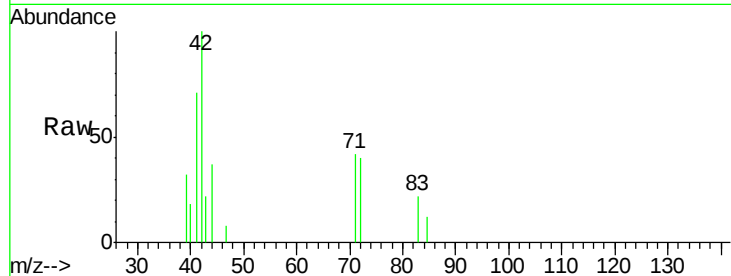
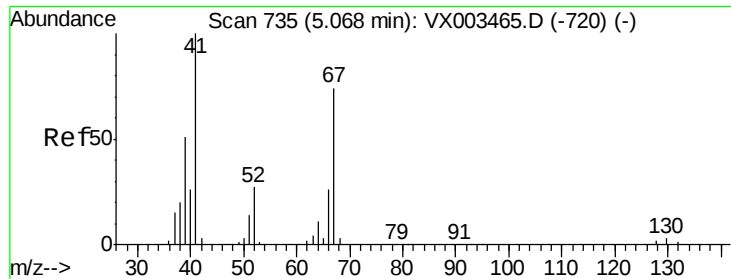
#39
Methylcyclohexane
Concen: 11.72 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.24 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion: 83 Resp: 53334
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 217.5 37.4 56.0#



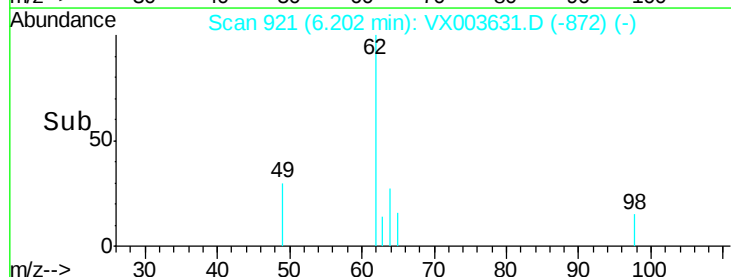
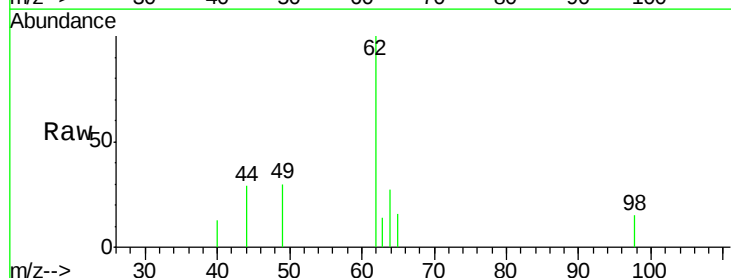
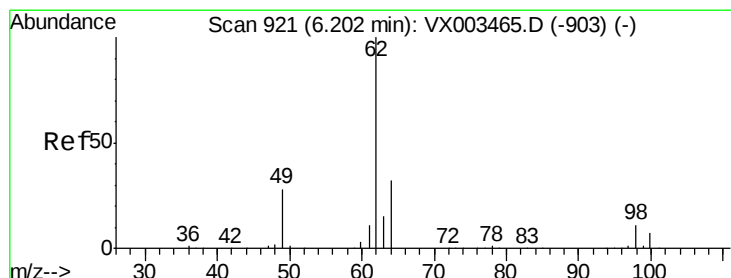
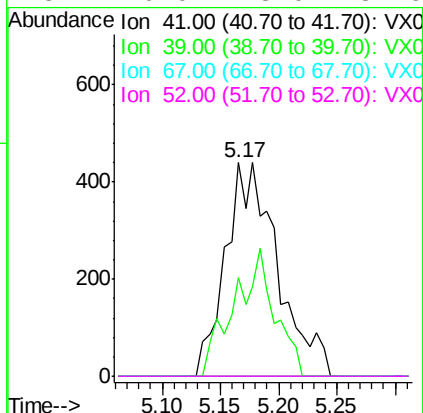
Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





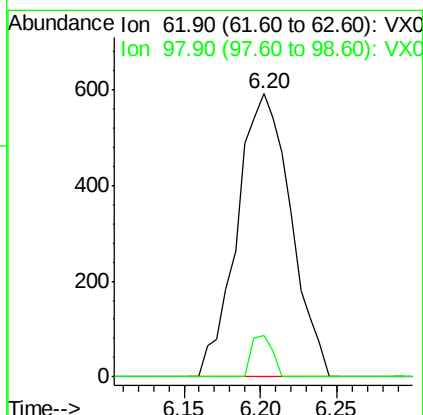
#41
Methacrylonitrile
Concen: 0.64 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.10 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

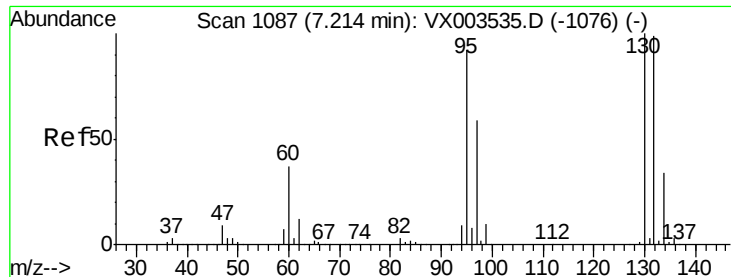
Tot Ion: 41 Resp: 1360
Ion Ratio Lower Upper
41 100
39 47.1 45.8 68.6
67 0.0 51.3 76.9#
52 0.0 23.0 34.6#



#42
1,2-Dichloroethane
Concen: 0.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion: 62 Resp: 1442
Ion Ratio Lower Upper
62 100
98 5.7 0.0 16.6





#44

Trichloroethene

Concen: 1496.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

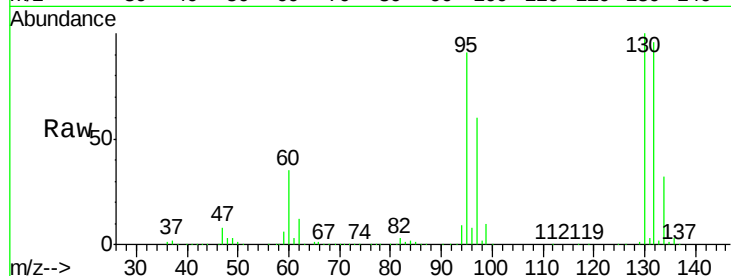
ClientSampled :

Tot Ion:130 Resp: 5175978

Ion Ratio Lower Upper

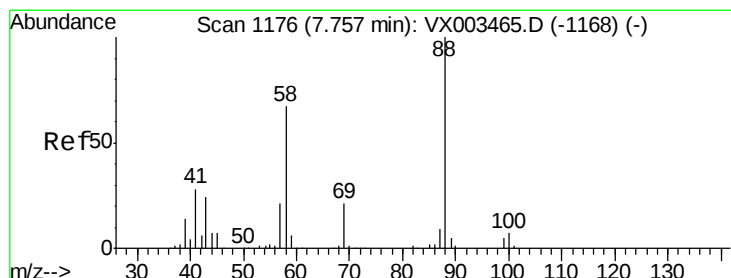
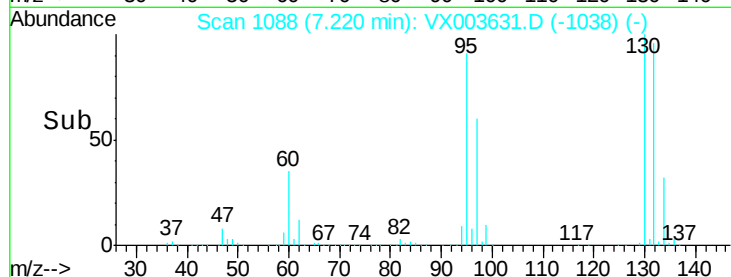
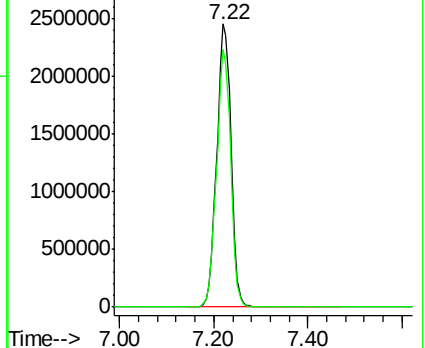
130 100

95 90.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 14.01 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

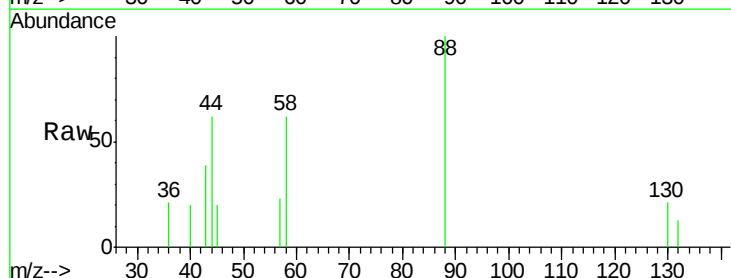
Tgt Ion: 88 Resp: 926

Ion Ratio Lower Upper

88 100

43 35.7 29.8 44.6

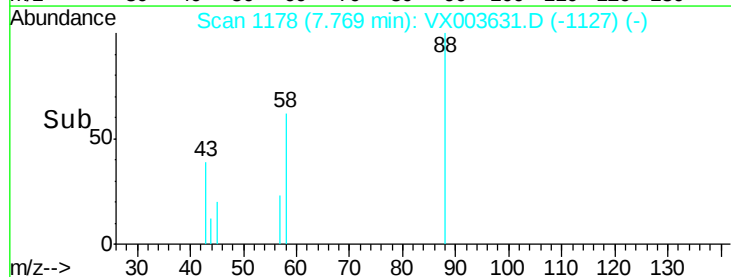
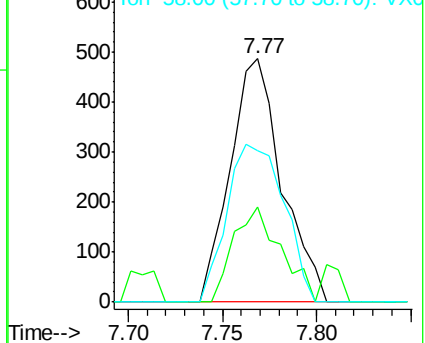
58 71.6 57.1 85.7

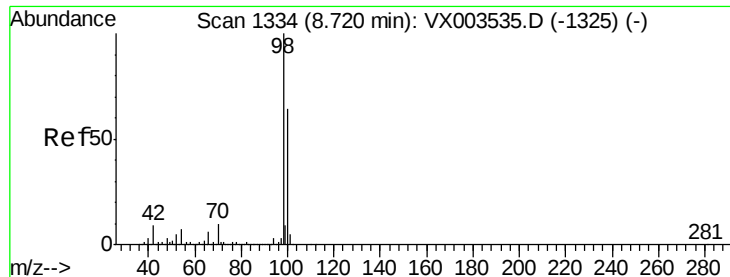


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

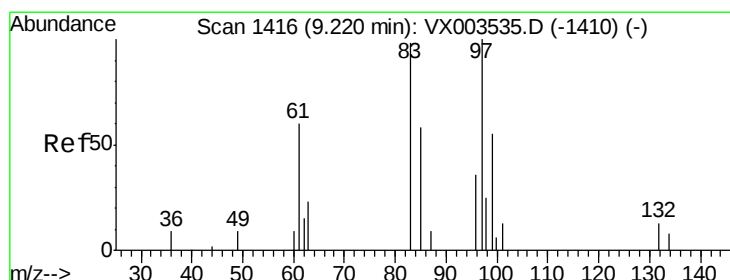
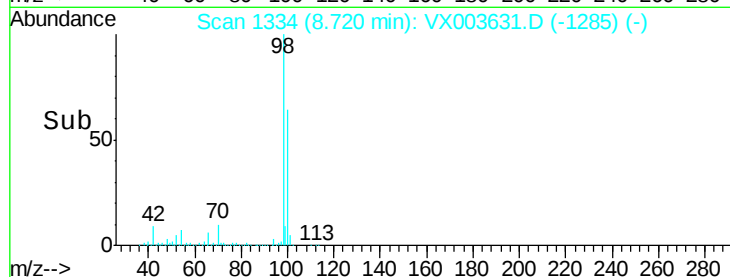
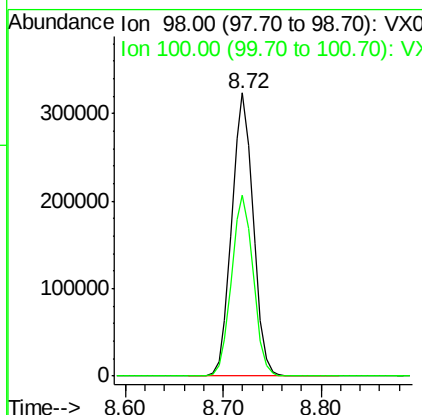
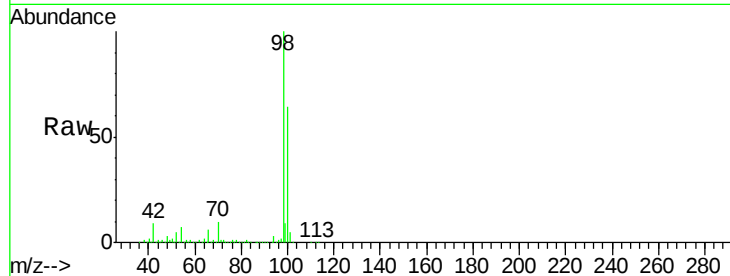




#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

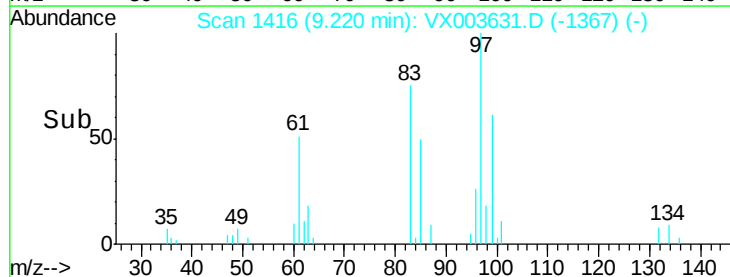
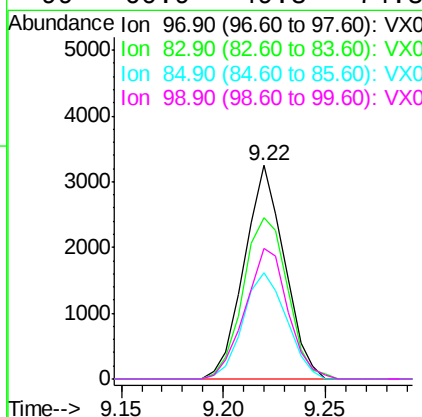
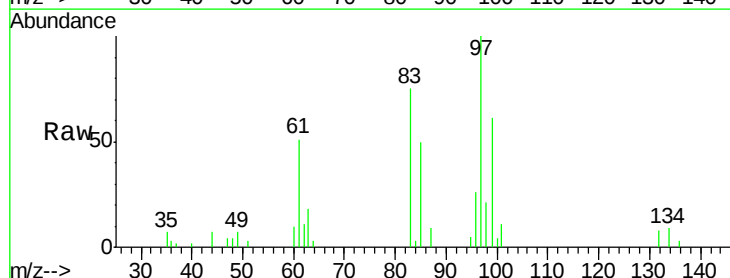
Instrument :
MSVOA_X
ClientSampleId :

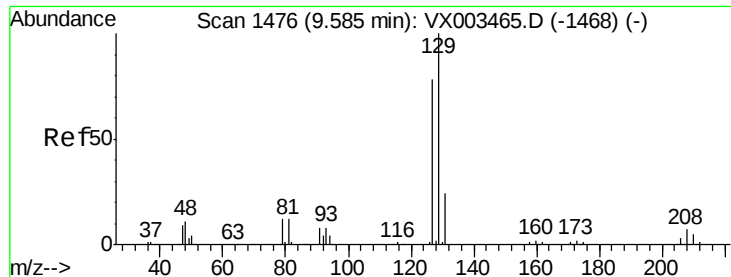
Tot Ion: 98 Resp: 493907
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 1.53 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion: 97 Resp: 4454
Ion Ratio Lower Upper
97 100
83 75.2 70.2 105.2
85 49.5 44.9 67.3
99 60.9 49.8 74.8





#60

Dibromochloromethane

Concen: 0.28 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

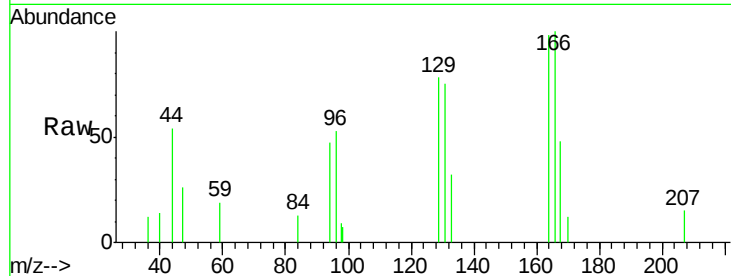
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 815

Ion Ratio Lower Upper

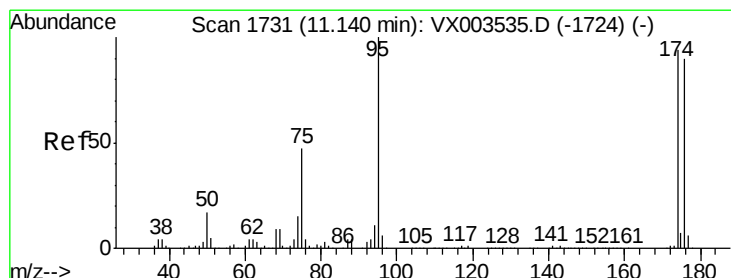
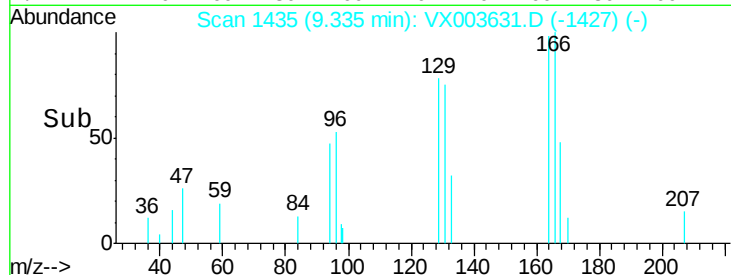
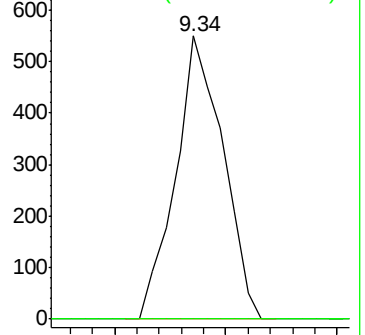
129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

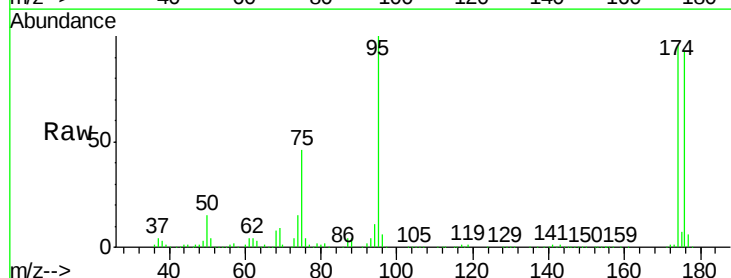
Tgt Ion: 95 Resp: 168780

Ion Ratio Lower Upper

95 100

174 101.2 0.0 187.4

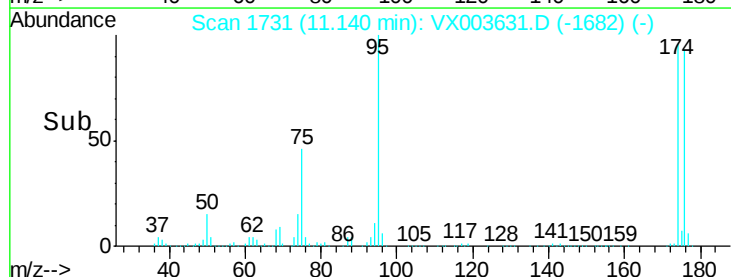
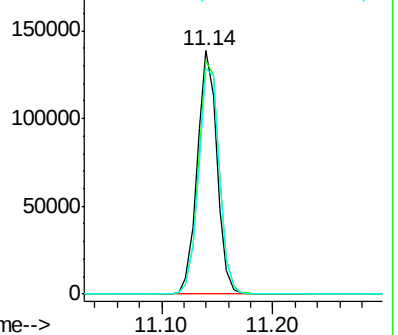
176 98.3 0.0 181.0

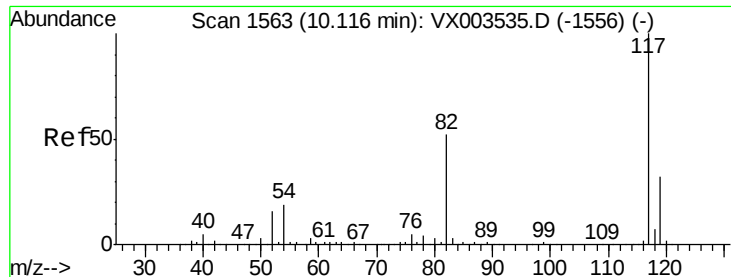


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

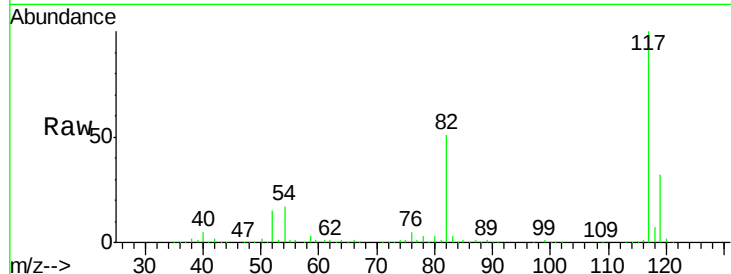




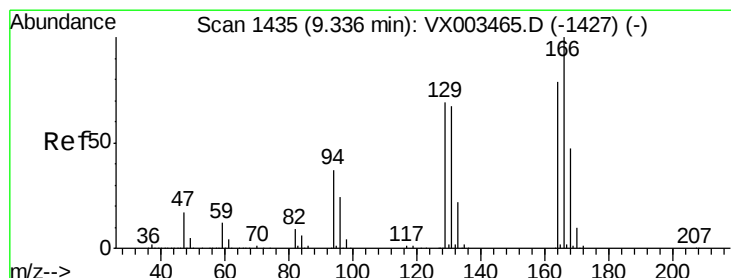
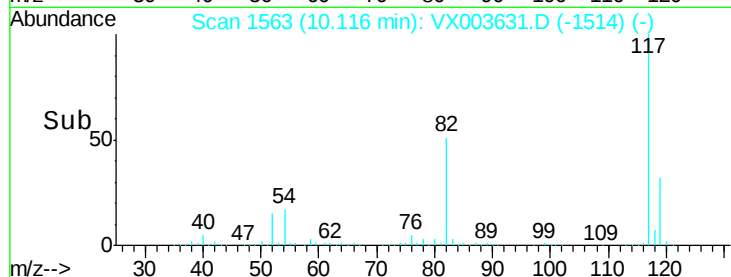
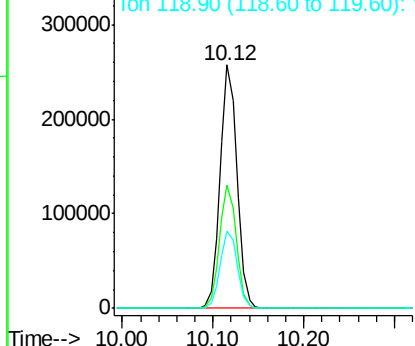
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 336257
Ion Ratio Lower Upper
117 100
82 50.9 45.0 67.4
119 31.8 25.8 38.6

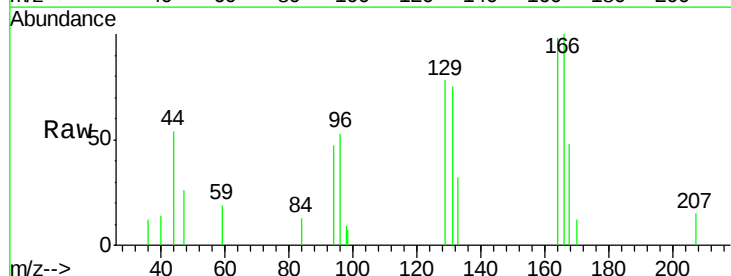


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

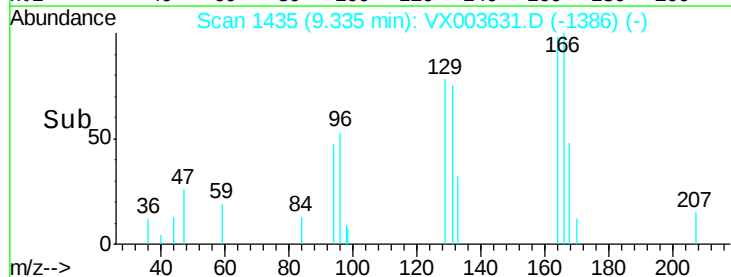
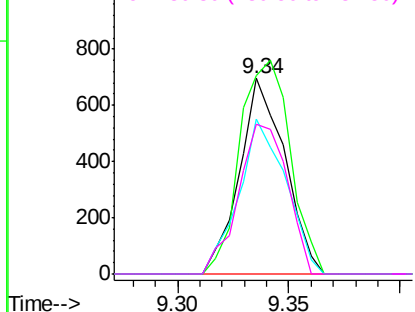


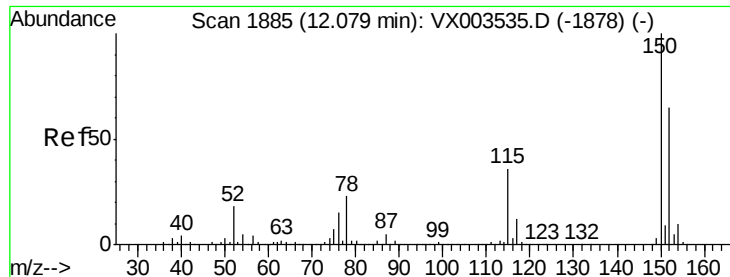
#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003631.D
Acq: 24 Jul 2018 04:29

Tgt Ion:164 Resp: 991
Ion Ratio Lower Upper
164 100
166 101.7 102.9 154.3#
129 79.0 68.6 102.8
131 76.7 66.8 100.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

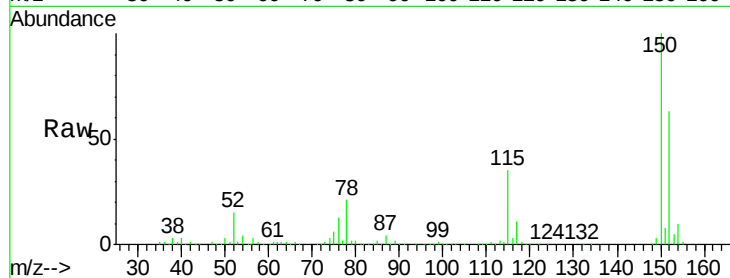
Tot Ion:152 Resp: 186631

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

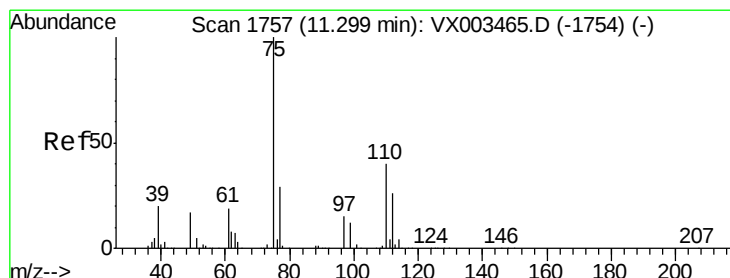
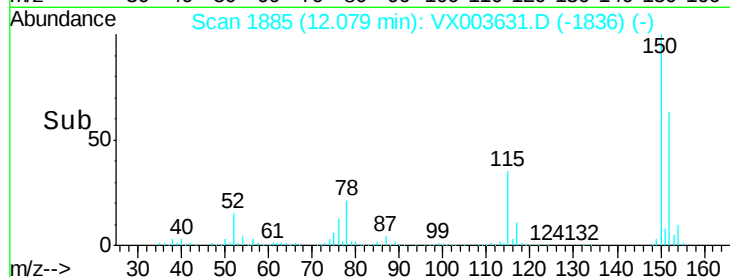
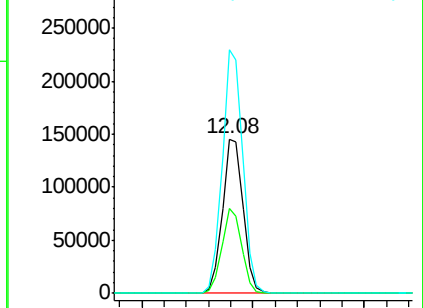
150 156.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003631.D

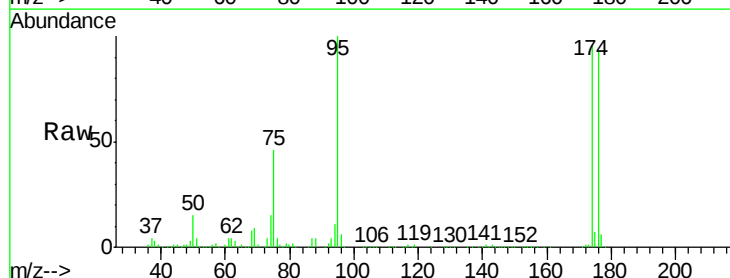
Acq: 24 Jul 2018 04:29

Tgt Ion: 75 Resp: 76588

Ion Ratio Lower Upper

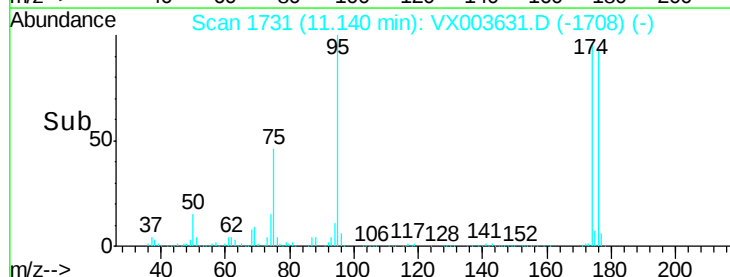
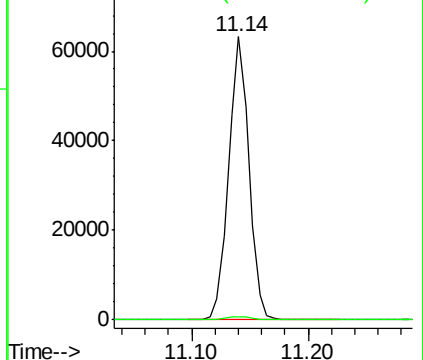
75 100

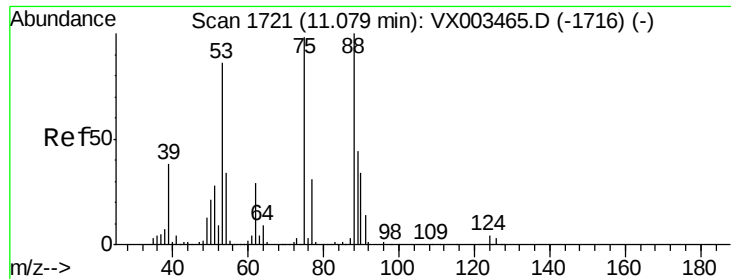
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003631.D

Acq: 24 Jul 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

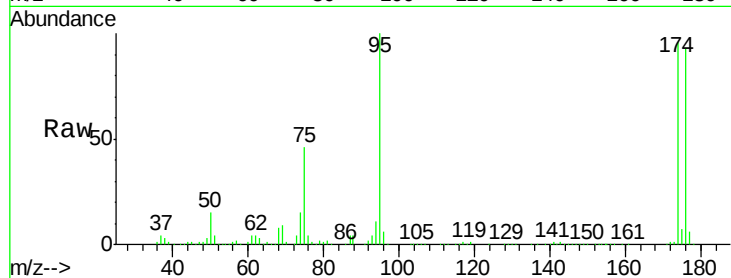
Tot Ion: 75 Resp: 76588

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



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

