

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000574.D
 Acq On : 30 Mar 2018 21:21
 Operator : JC/MD
 Sample : J2131-05 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT24256

Quant Time: Mar 31 05:04:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	132301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	95338	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
35) Dibromofluoromethane	5.51	113	72532	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	8.73	98	293254	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.15	95	107023	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

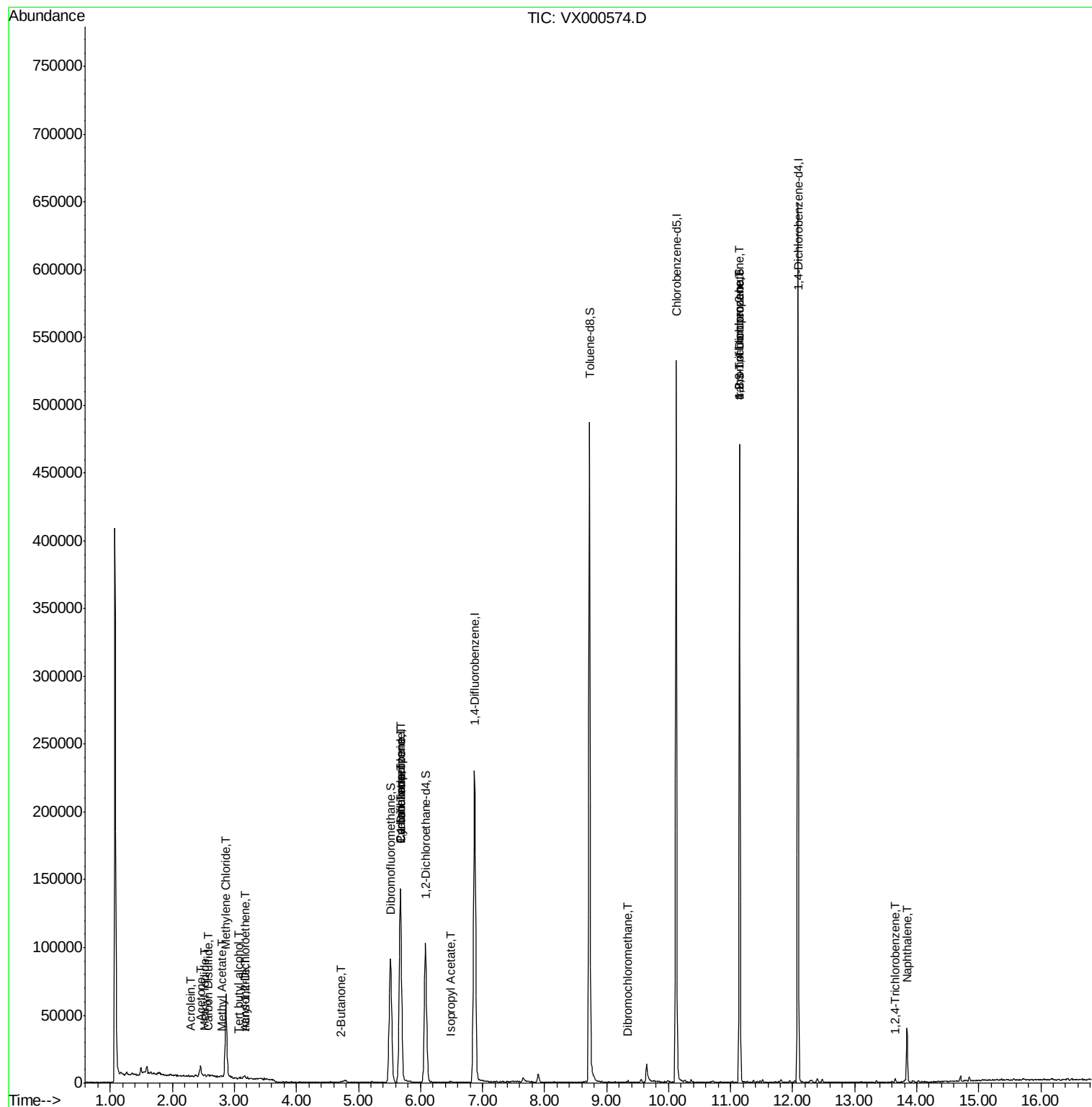
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	566	Below Cal		92
10) Methyl Iodide	2.53	142	411	4.51 ug/l	#	88
11) Tert butyl alcohol	3.07	59	187	0.31 ug/l	#	72
13) Acrolein	2.30	56	191	15.53 ug/l	#	13
15) Acrylonitrile	3.17	53	434	0.36 ug/l	#	59
16) Acetone	2.45	43	9023	6.28 ug/l		95
17) Carbon Disulfide	2.57	76	1407	0.38 ug/l	#	41
18) Methyl Acetate	2.79	43	1086	0.36 ug/l	#	75
20) Methylene Chloride	2.87	84	27238	16.41 ug/l		96
21) trans-1,2-Dichloroethene	3.16	96	349	0.22 ug/l	#	72
25) 2-Butanone	4.71	43	1169	0.72 ug/l		96
31) Cyclohexane	5.68	56	3161	1.45 ug/l	#	43
36) 1,1-Dichloropropene	5.68	75	10470	4.81 ug/l	#	51
38) Carbon Tetrachloride	5.68	117	13492	5.91 ug/l	#	15
43) Isopropyl Acetate	6.49	43	1599	0.36 ug/l	#	72
60) Dibromochloromethane	9.35	129	123	4.17 ug/l	#	12
74) N-amyl acetate	6.49	43	1599	Below Cal	#	67
76) 1,2,3-Trichloropropane	11.15	75	60420	23.05 ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	60420	74.62 ug/l	#	9
93) 1,2,4-Trichlorobenzene	13.65	180	640	0.22 ug/l		94
95) Naphthalene	13.84	128	22359	2.24 ug/l		98

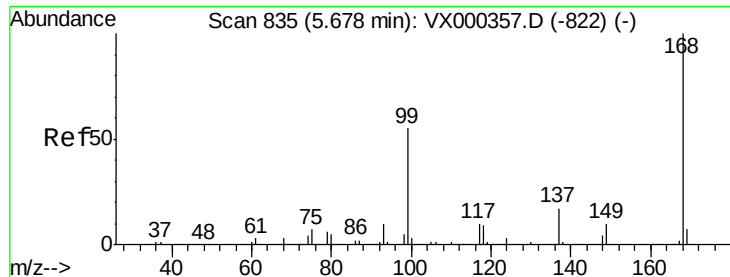
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
Data File : VX000574.D
Acq On : 30 Mar 2018 21:21
Operator : JC/MD
Sample : J2131-05 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CHRT24256

Quant Time: Mar 31 05:04:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

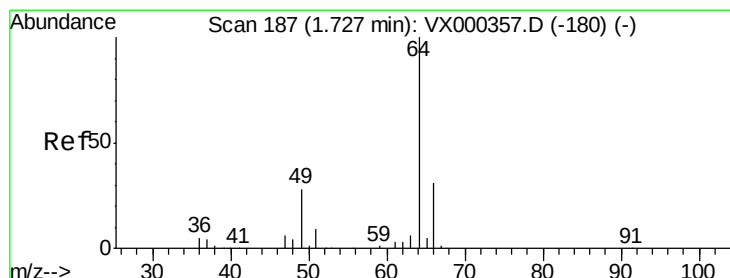
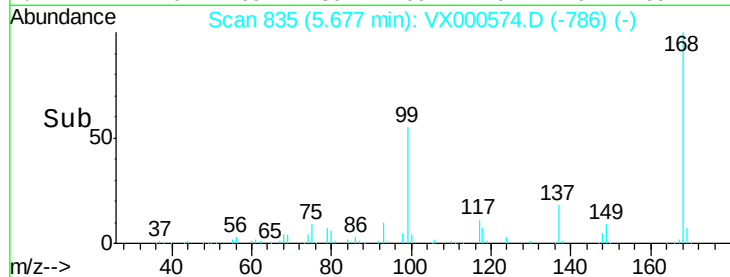
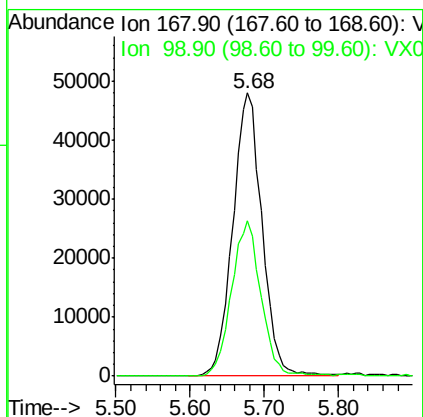
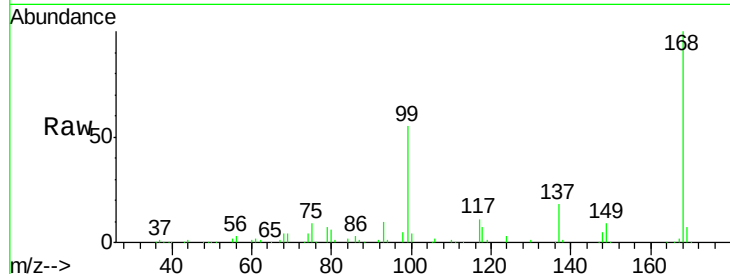




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

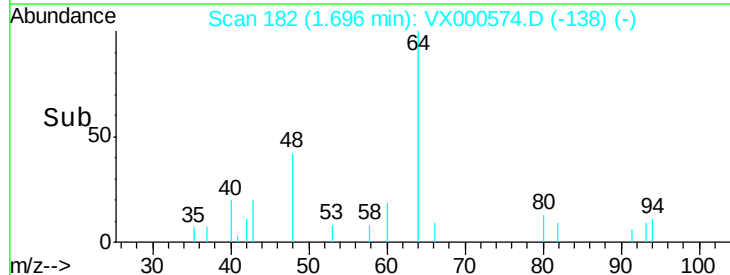
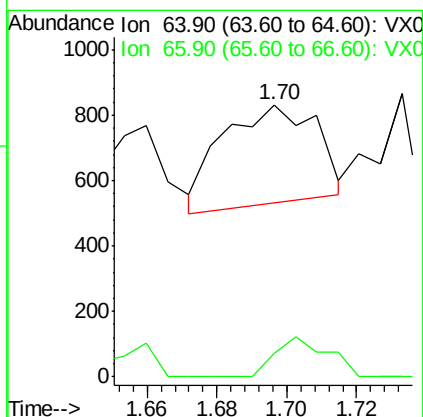
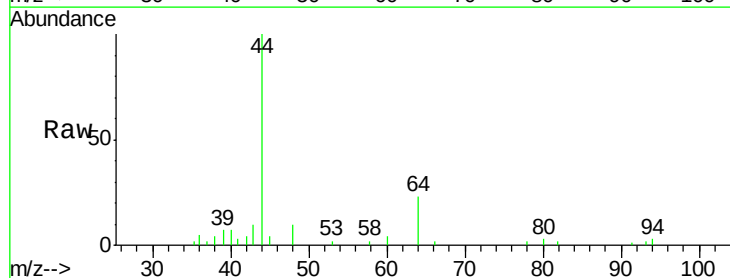
Instrument :
MSVOA_X
ClientSampleId :
CHRT24256

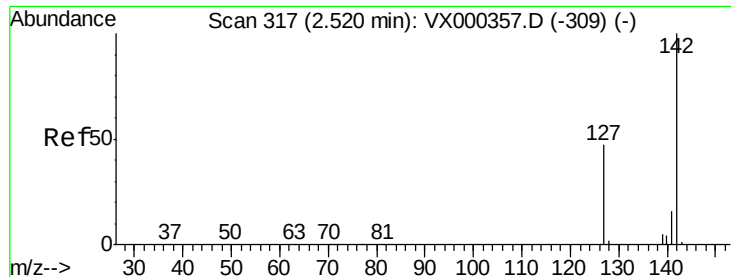
Tgt Ion: 168 Resp: 132301
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 182
Delta R.T. -0.03 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion: 64 Resp: 566
Ion Ratio Lower Upper
64 100
66 26.6 24.8 37.2

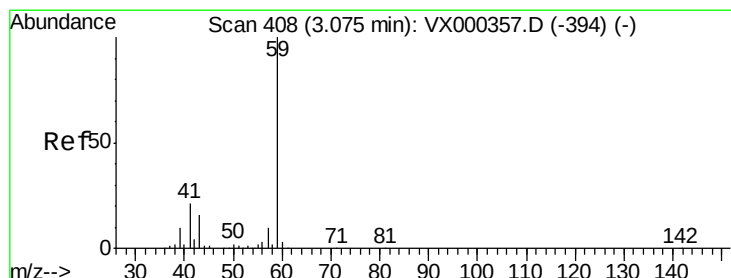
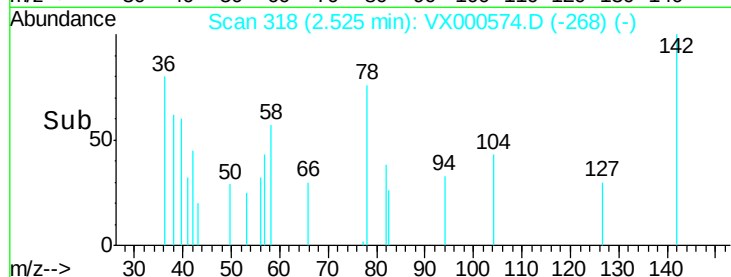
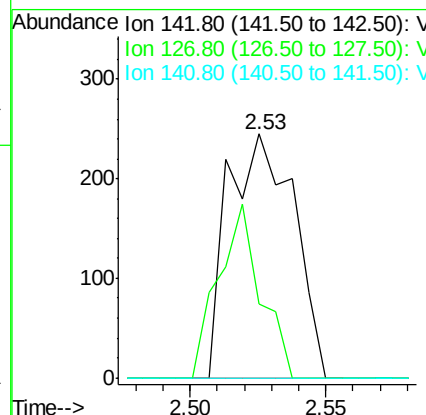
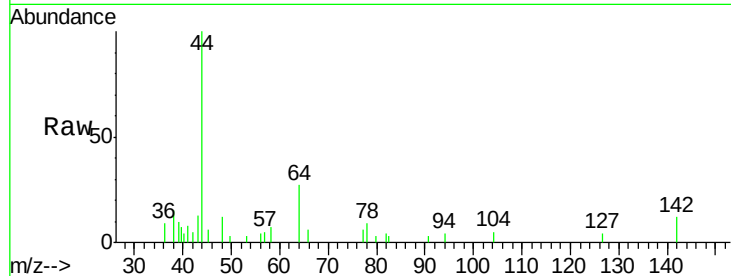




#10
Methyl Iodide
Concen: 4.51 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

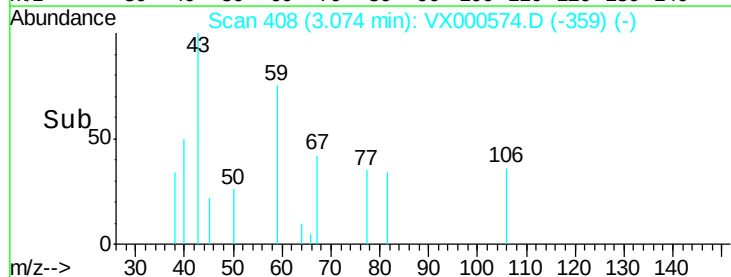
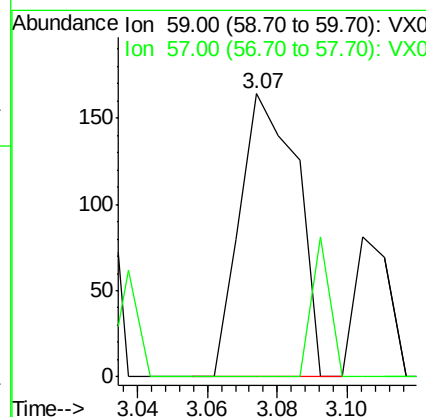
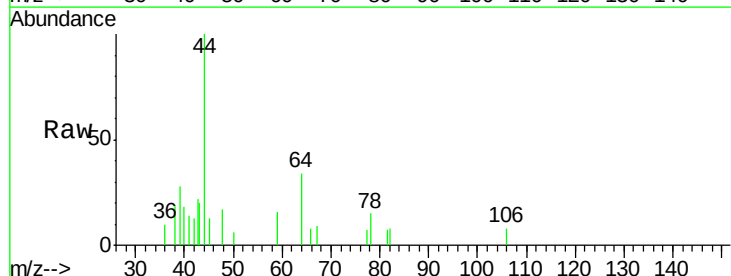
Instrument :
MSVOA_X
ClientSampleId :
CHRT24256

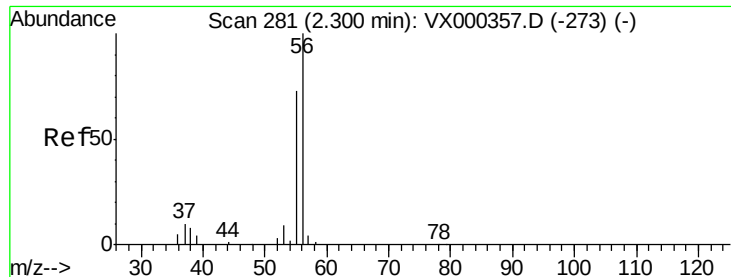
Tgt Ion: 142 Resp: 411
Ion Ratio Lower Upper
142 100
127 45.7 39.2 58.8
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 15.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampled :

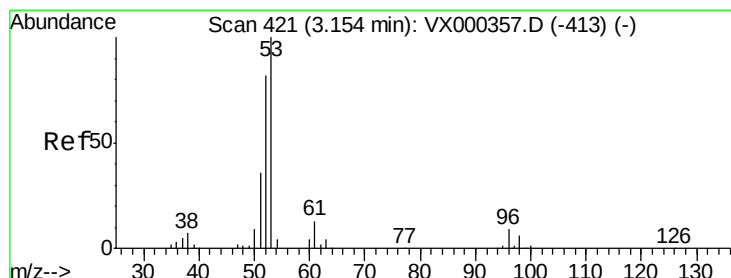
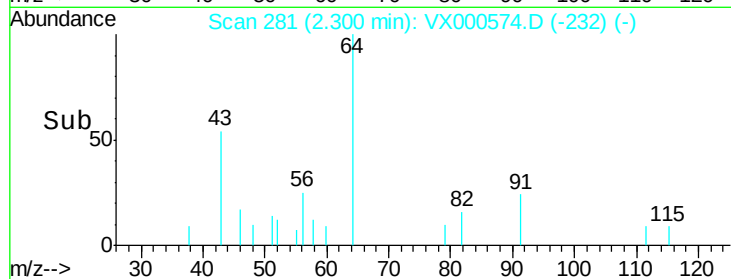
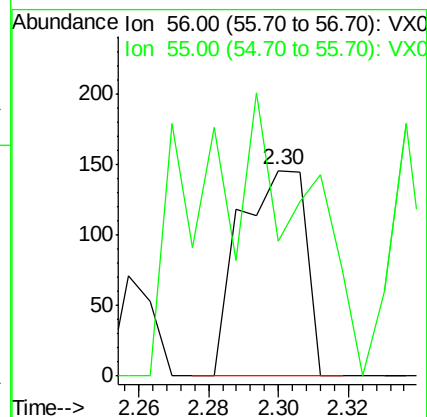
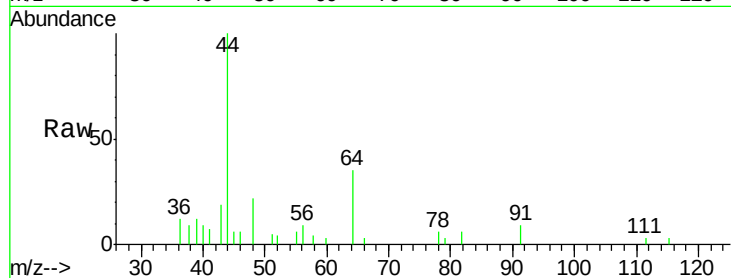
CHRT24256

Tgt Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 0.0 58.8 88.2#



#15

Acrylonitrile

Concen: 0.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

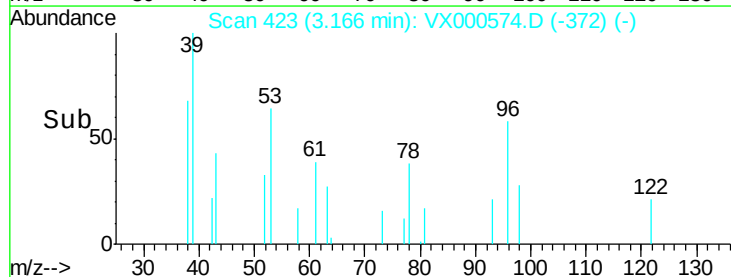
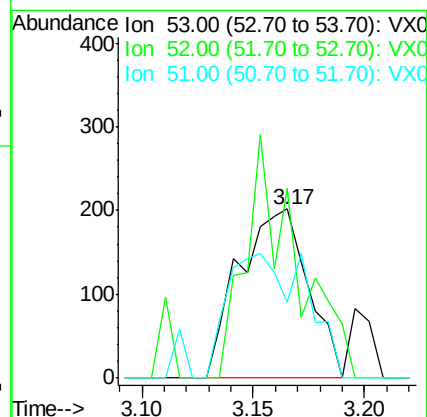
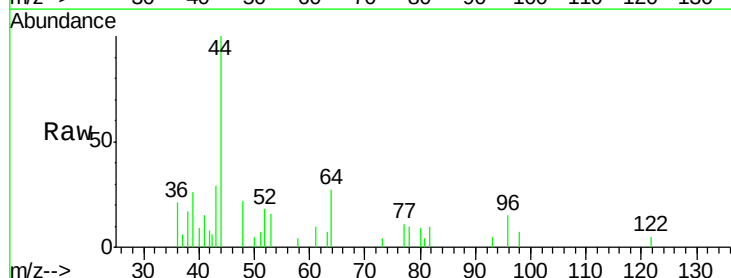
Tgt Ion: 53 Resp: 434

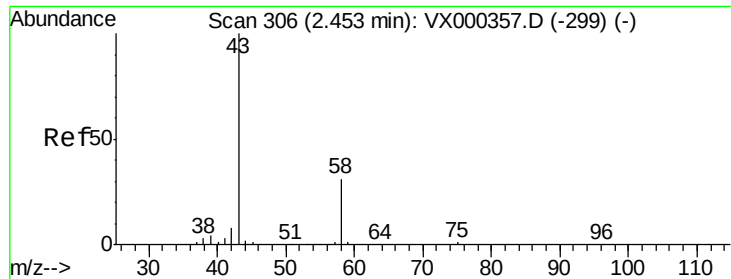
Ion Ratio Lower Upper

53 100

52 104.8 66.6 99.8#

51 83.2 29.3 43.9#





#16

Acetone

Concen: 6.28 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

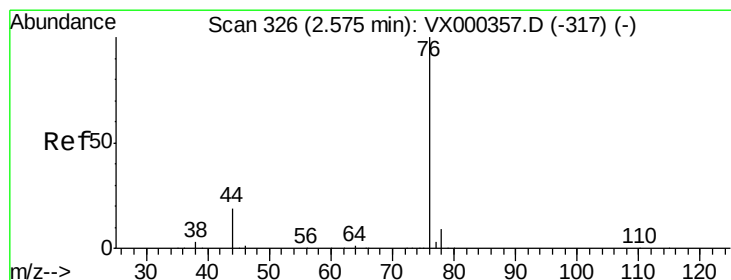
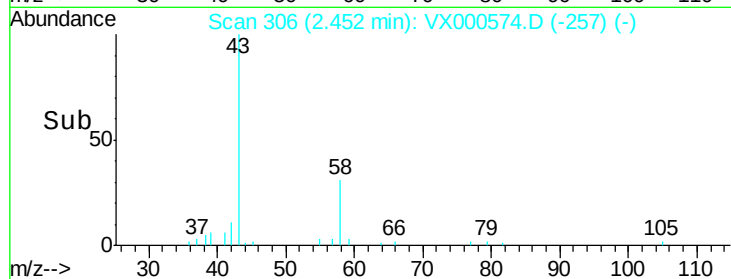
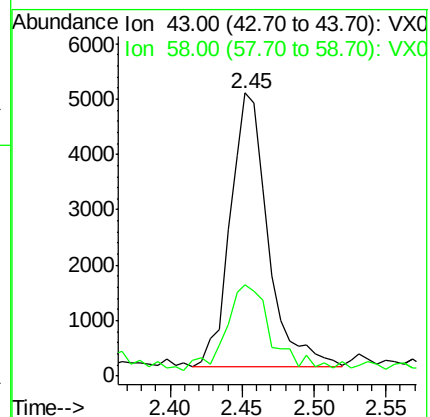
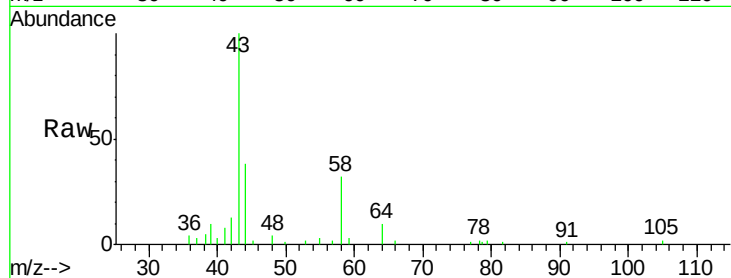
CHRT24256

Tgt Ion: 43 Resp: 9023

Ion Ratio Lower Upper

43 100

58 28.1 24.7 37.1



#17

Carbon Disulfide

Concen: 0.38 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000574.D

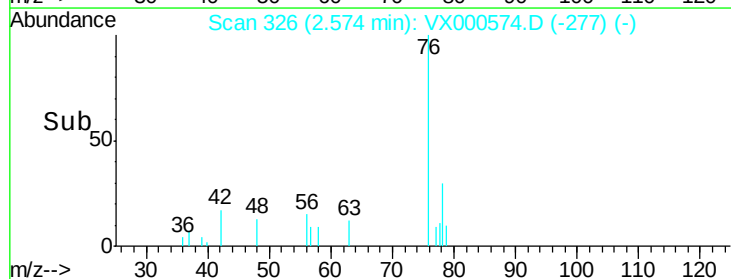
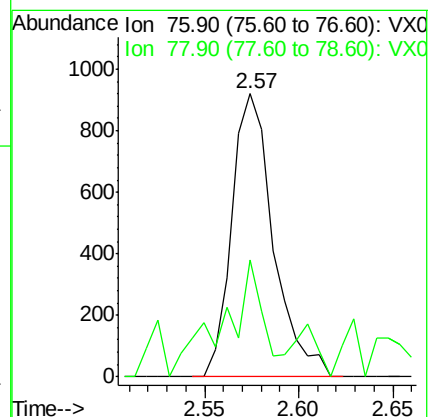
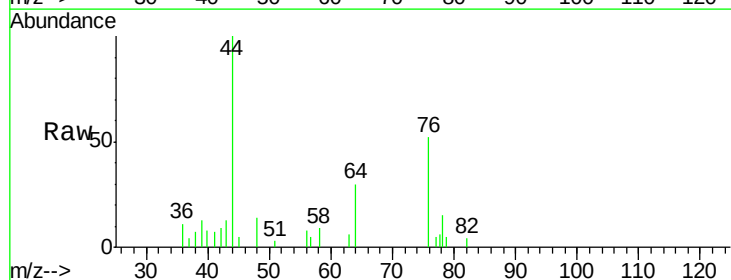
Acq: 30 Mar 2018 21:21

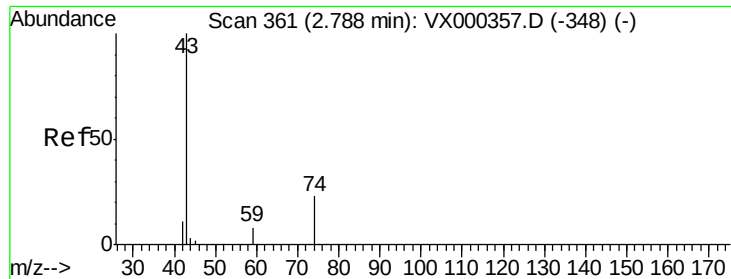
Tgt Ion: 76 Resp: 1407

Ion Ratio Lower Upper

76 100

78 30.1 7.0 10.6#

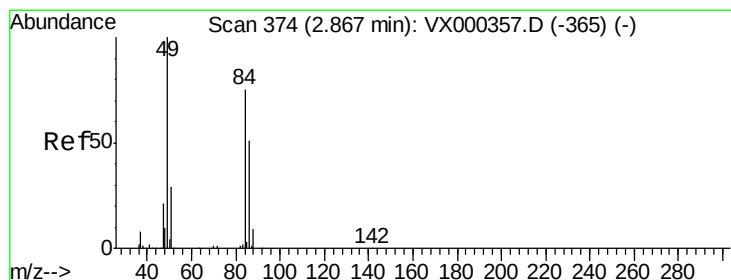
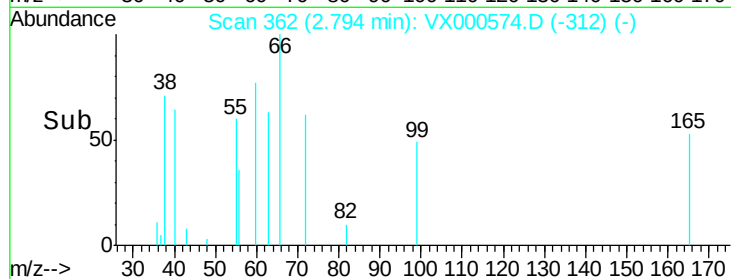
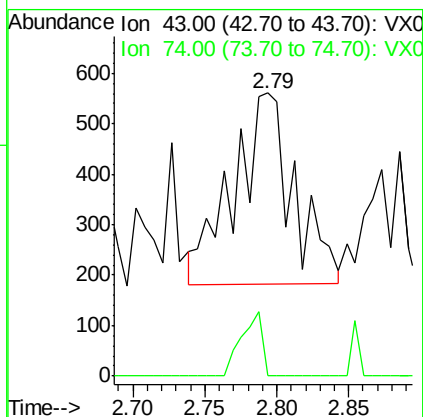
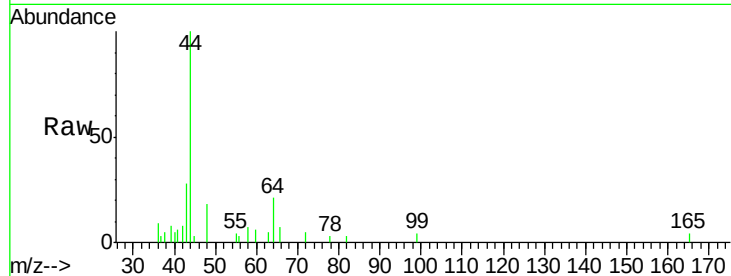




#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

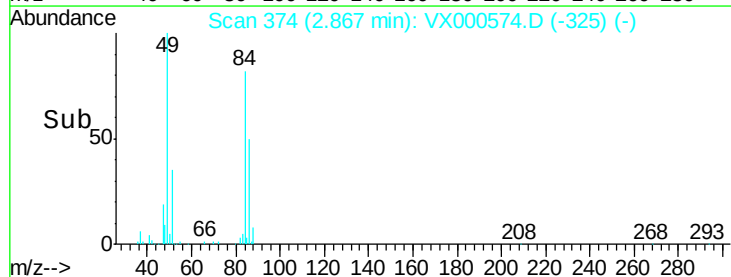
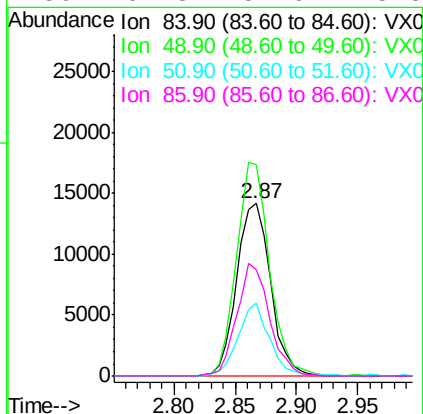
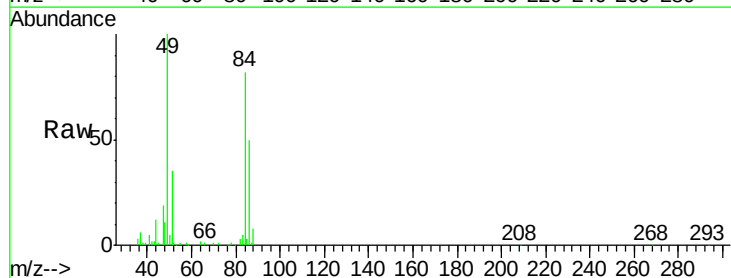
Instrument :
MSVOA_X
ClientSampled :
CHRT24256

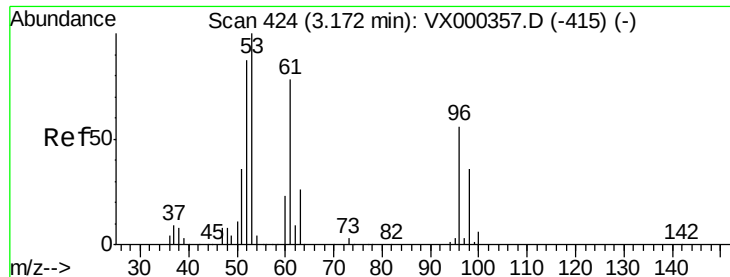
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
74 11.9 19.4 29.2#



#20
Methylene Chloride
Concen: 16.41 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion: 84 Resp: 27238
Ion Ratio Lower Upper
84 100
49 122.4 100.6 151.0
51 42.5 31.6 47.4
86 61.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

CHRT24256

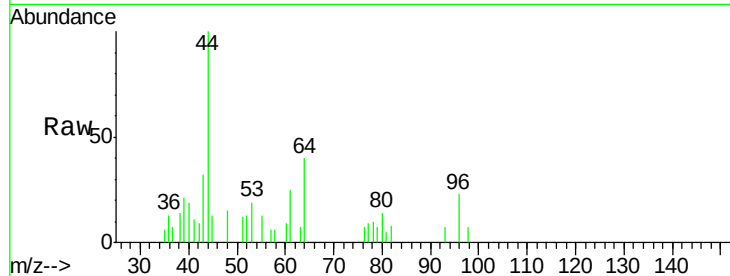
Tgt Ion: 96 Resp: 349

Ion Ratio Lower Upper

96 100

61 107.7 104.0 156.0

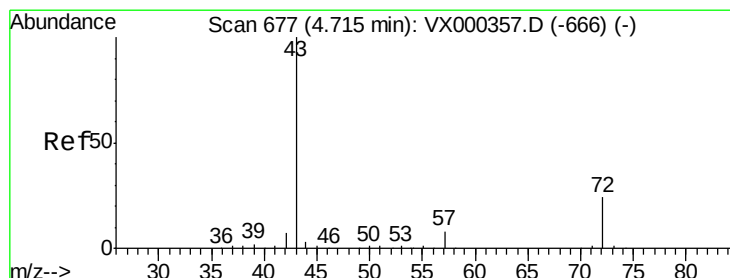
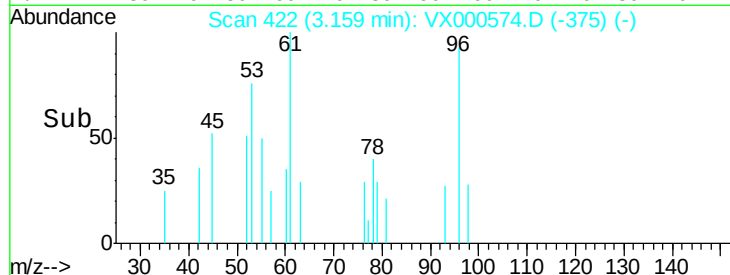
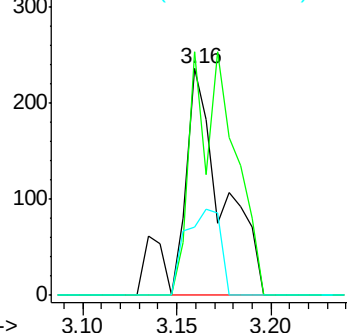
98 29.8 52.1 78.1#



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



#25

2-Butanone

Concen: 0.72 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000574.D

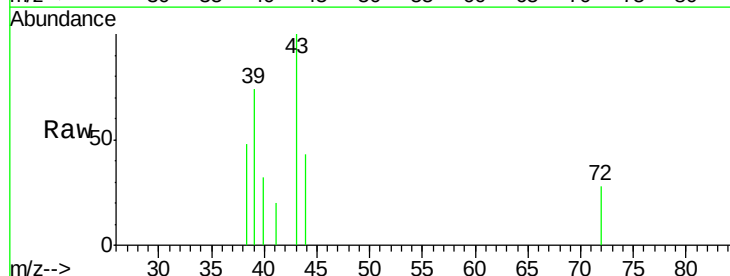
Acq: 30 Mar 2018 21:21

Tgt Ion: 43 Resp: 1169

Ion Ratio Lower Upper

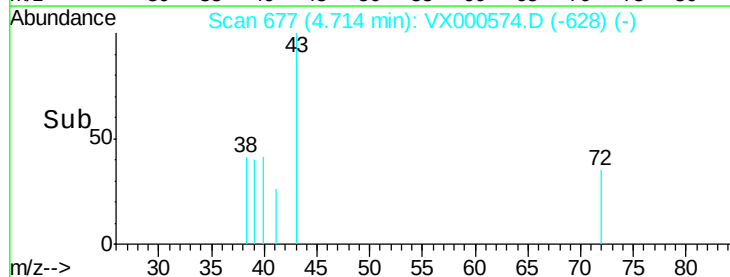
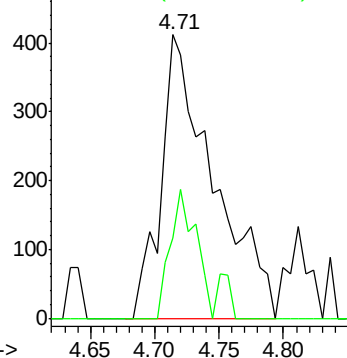
43 100

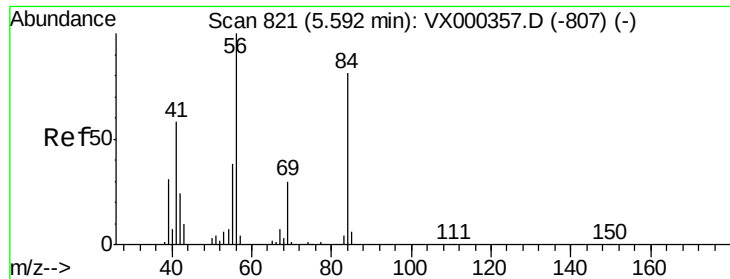
72 28.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

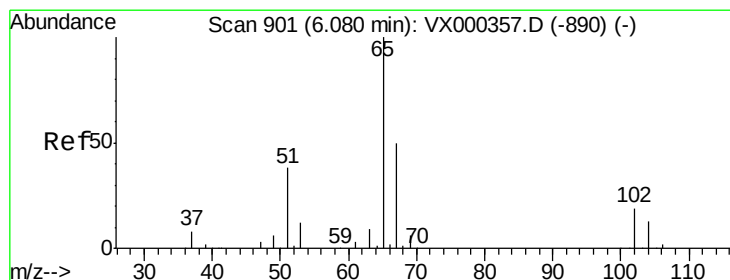
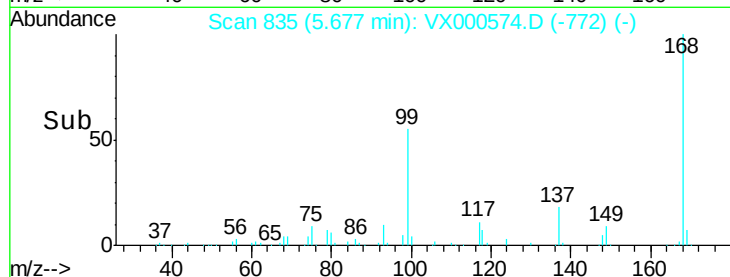
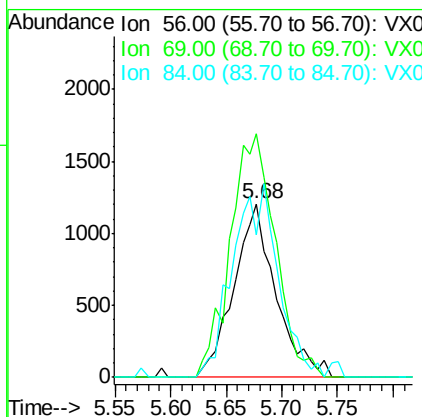
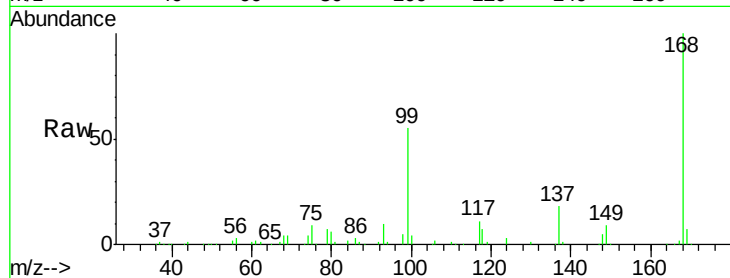




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.08 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

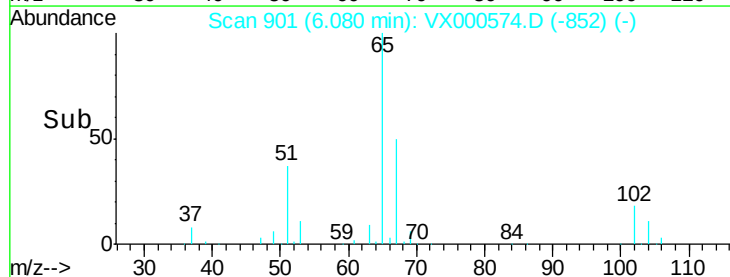
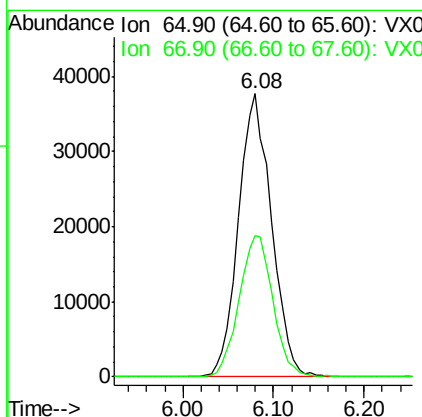
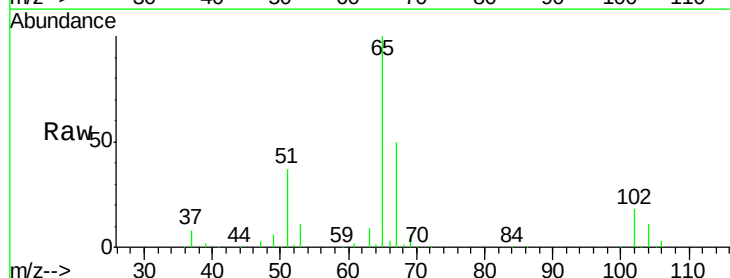
Instrument :
MSVOA_X
ClientSampleId :
CHRT24256

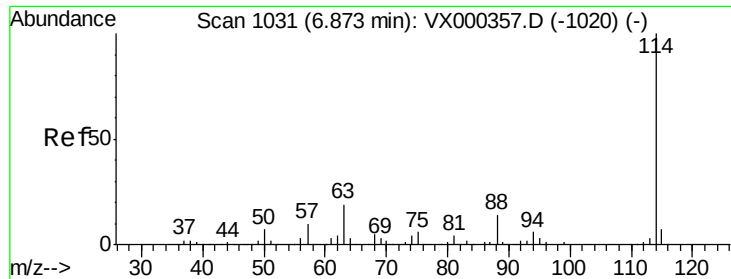
Tgt Ion: 56 Resp: 3161
Ion Ratio Lower Upper
56 100
69 140.3 23.4 35.0#
84 82.2 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 55.20 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion: 65 Resp: 95338
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.2

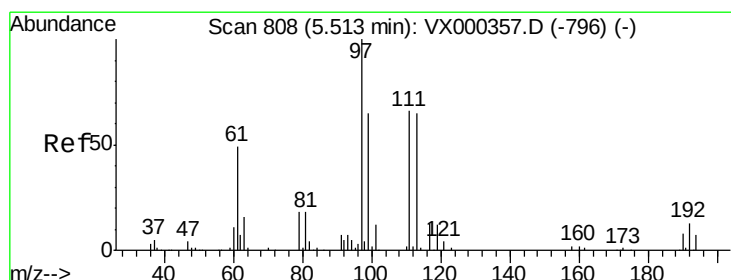
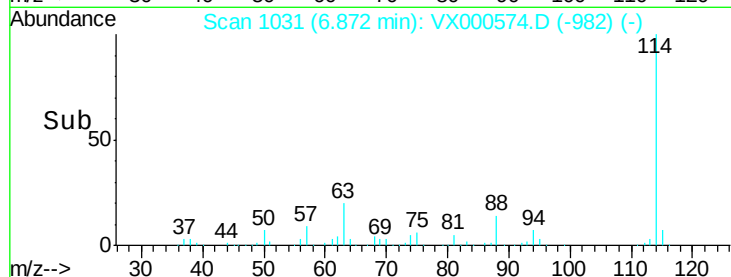
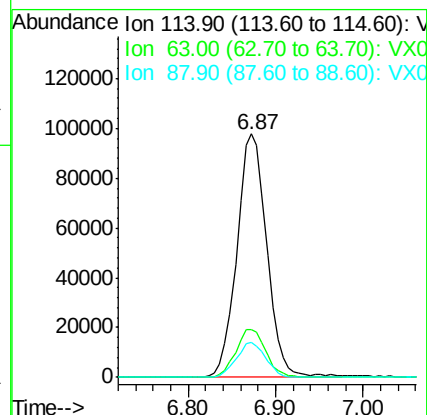
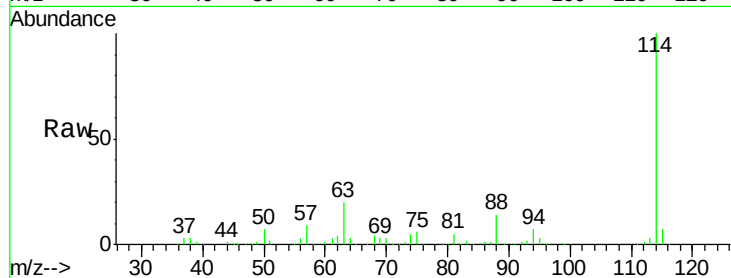




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000574.D
 Acq: 30 Mar 2018 21:21

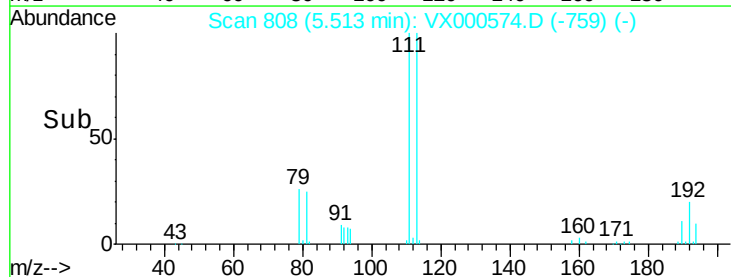
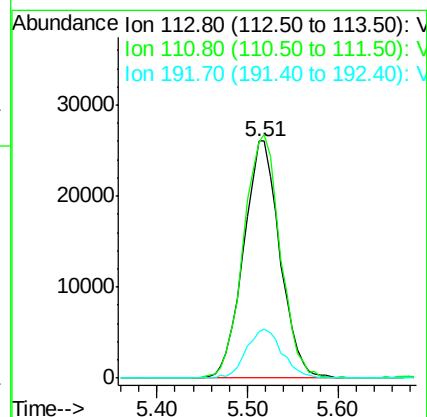
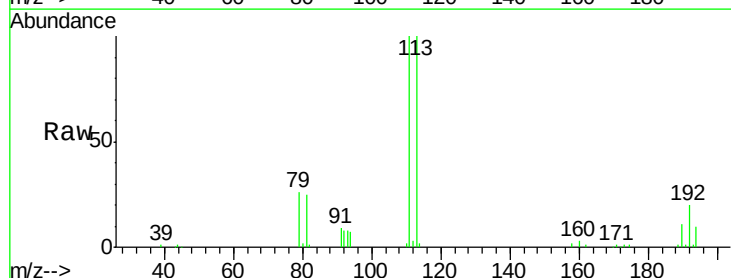
Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT24256

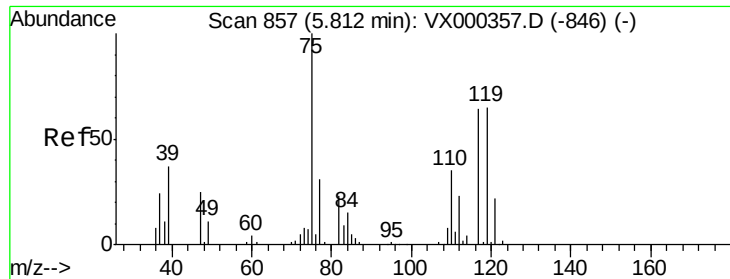
Tgt Ion:114 Resp: 232255
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 14.5 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 49.56 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000574.D
 Acq: 30 Mar 2018 21:21

Tgt Ion:113 Resp: 72532
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.4 123.6
 192 20.5 15.8 23.6

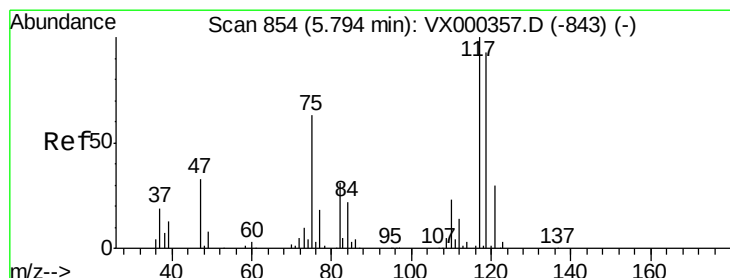
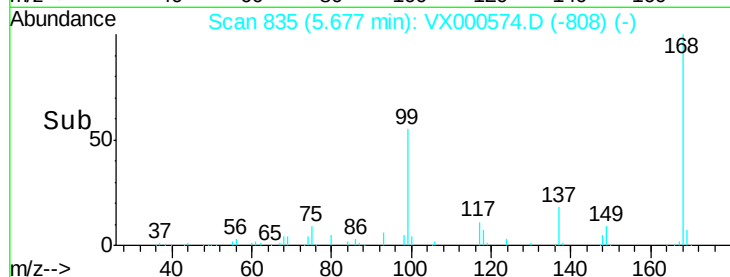
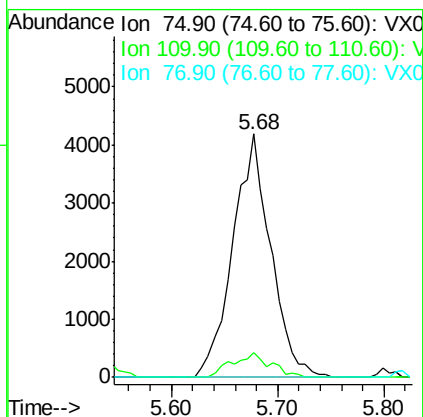
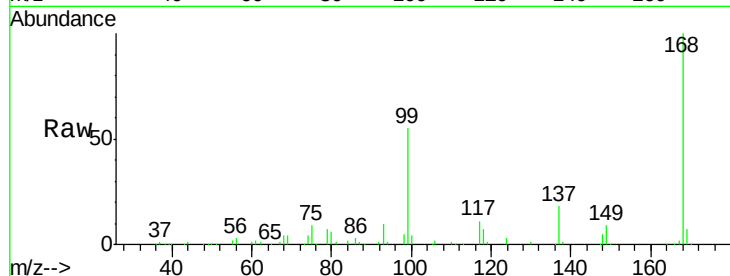




#36
 1,1-Dichloropropene
 Concen: 4.81 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000574.D
 Acq: 30 Mar 2018 21:21

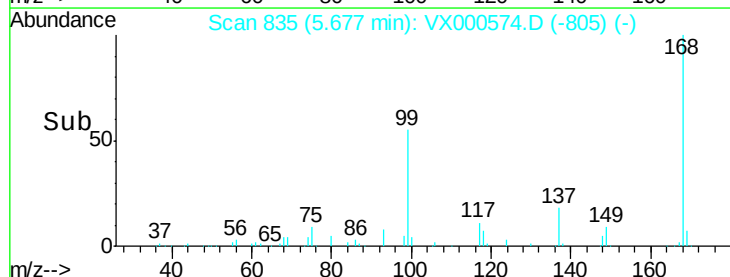
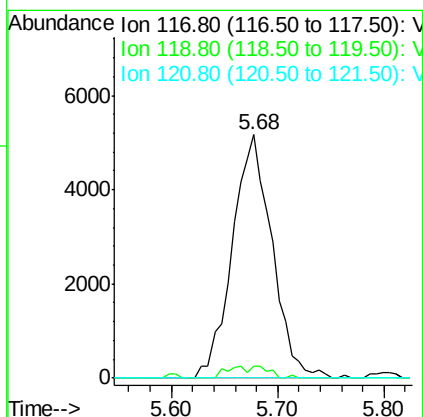
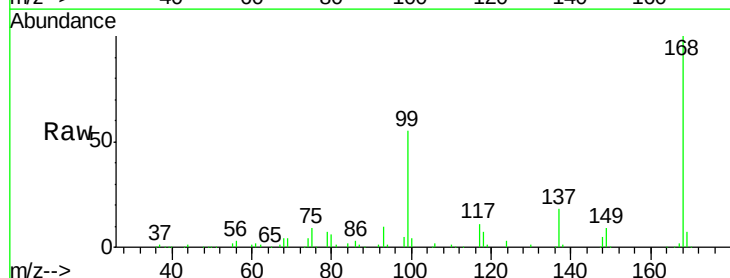
Instrument :
 MSVOA_X
 ClientSampled :
 CHRT24256

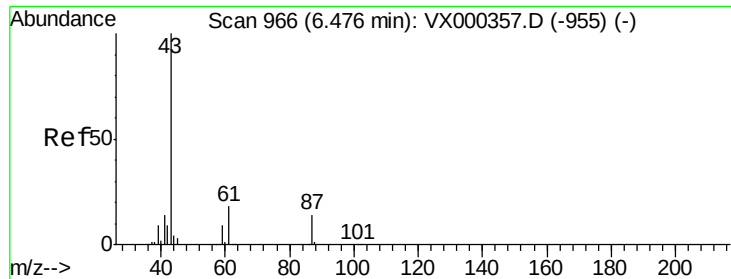
Tgt Ion: 75 Resp: 10470
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.91 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000574.D
 Acq: 30 Mar 2018 21:21

Tgt Ion: 117 Resp: 13492
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.4 116.2#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 0.36 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

CHRT24256

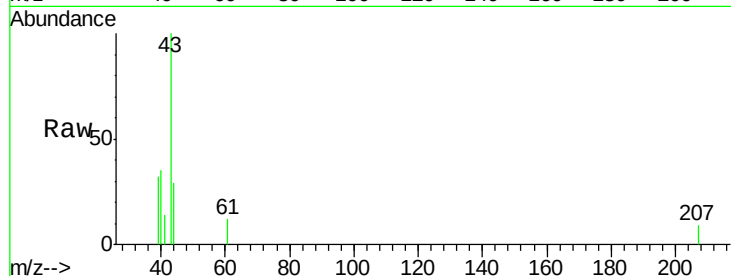
Tgt Ion: 43 Resp: 1599

Ion Ratio Lower Upper

43 100

61 3.3 14.4 21.6#

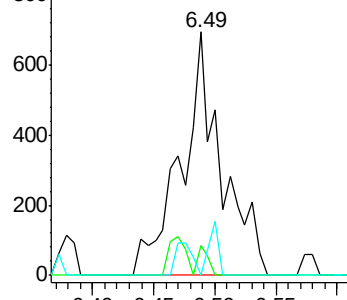
87 5.2 11.0 16.4#



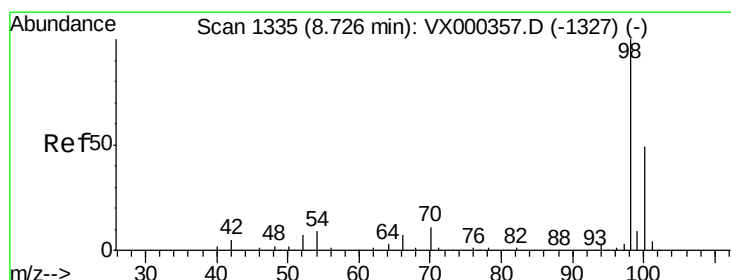
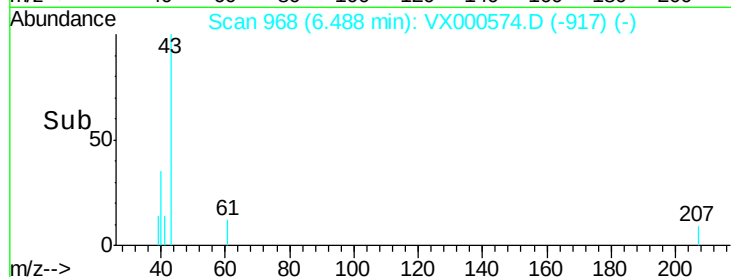
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#50

Toluene-d8

Concen: 48.38 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000574.D

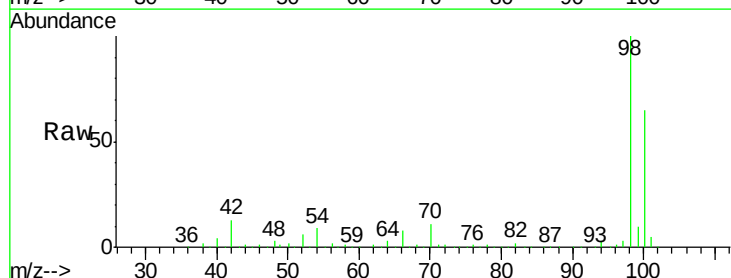
Acq: 30 Mar 2018 21:21

Tgt Ion: 98 Resp: 293254

Ion Ratio Lower Upper

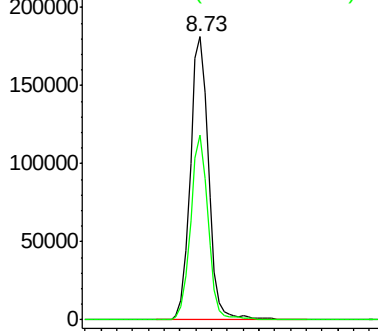
98 100

100 62.6 51.2 76.8

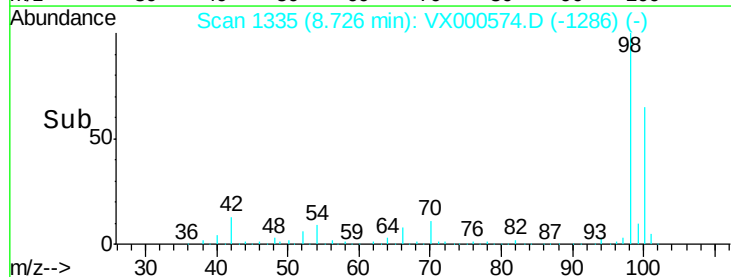


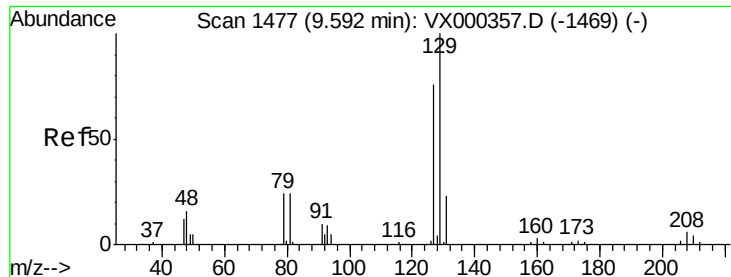
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->

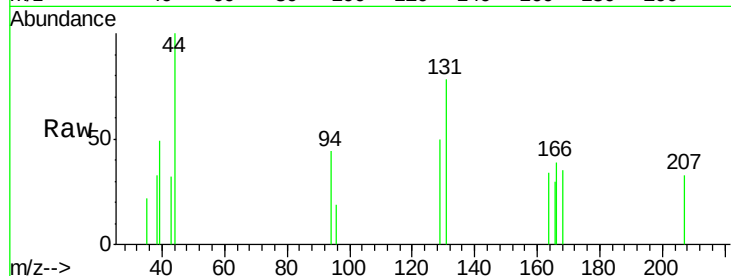




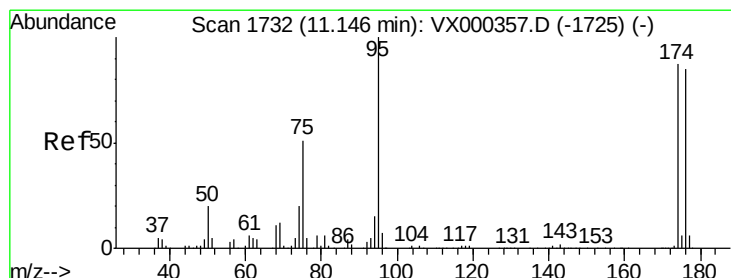
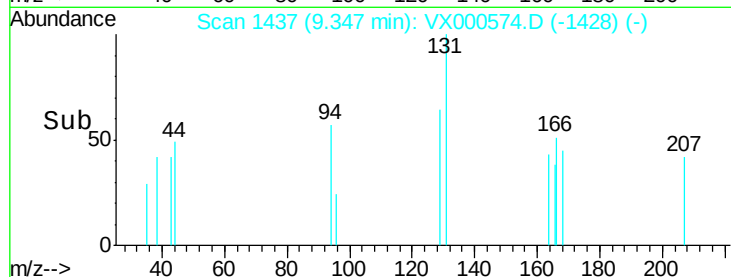
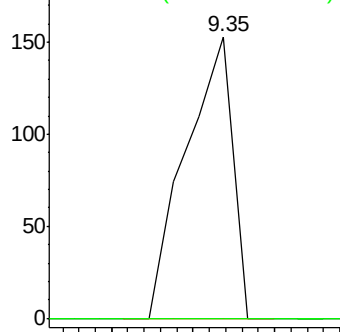
#60
Dibromochloromethane
Concen: 4.17 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Instrument :
MSVOA_X
ClientSampleId :
CHRT24256

Tgt Ion:129 Resp: 123
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#

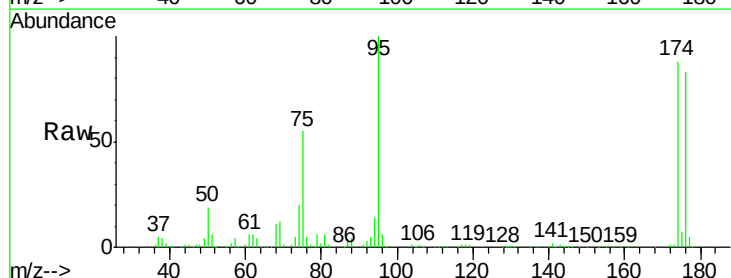


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

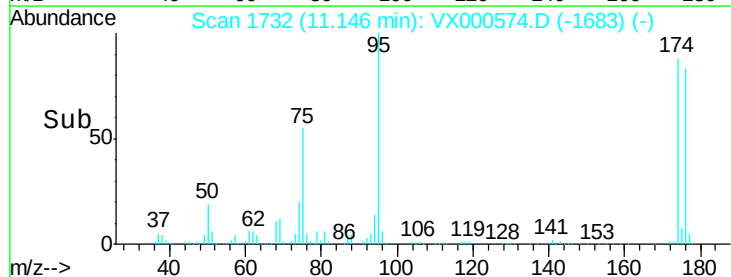
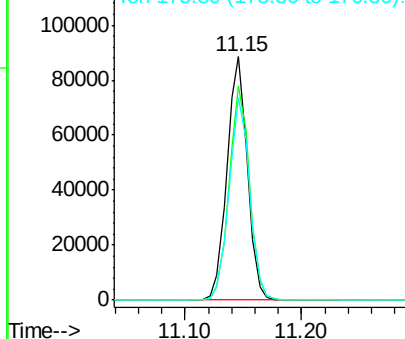


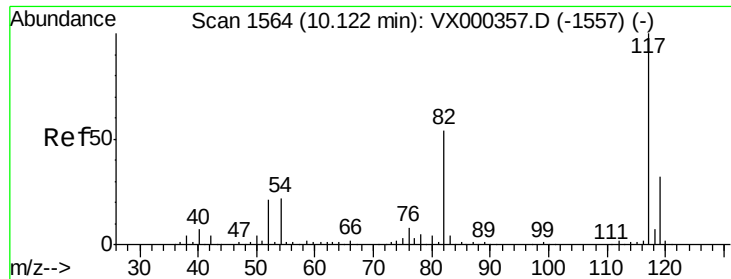
#62
4-Bromofluorobenzene
Concen: 42.80 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion: 95 Resp: 107023
Ion Ratio Lower Upper
95 100
174 88.5 0.0 173.6
176 84.2 0.0 164.6



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

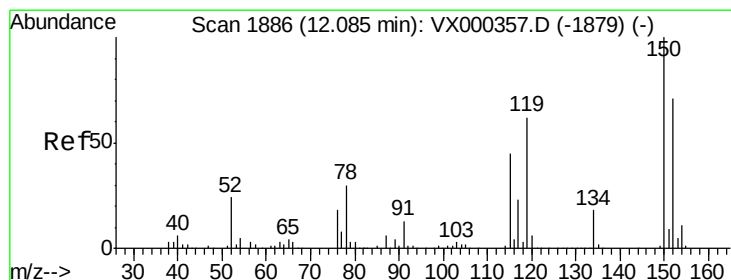
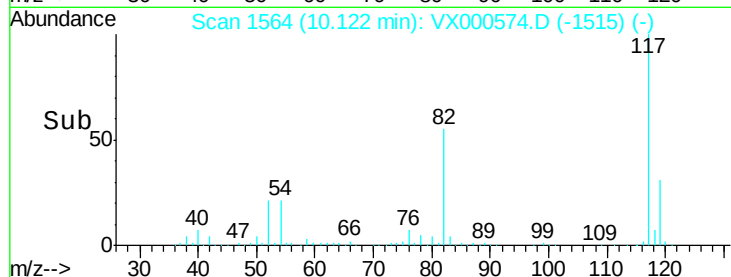
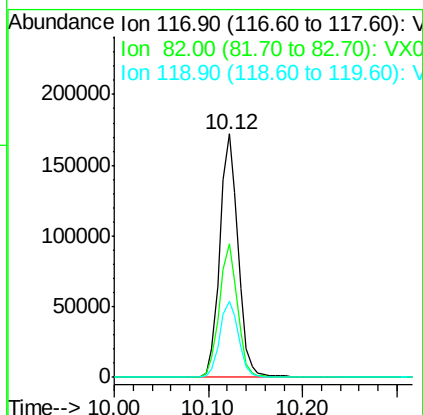
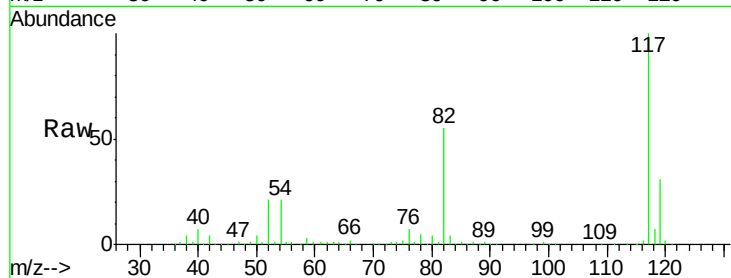




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

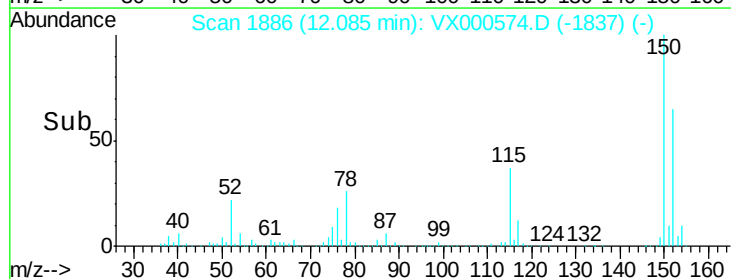
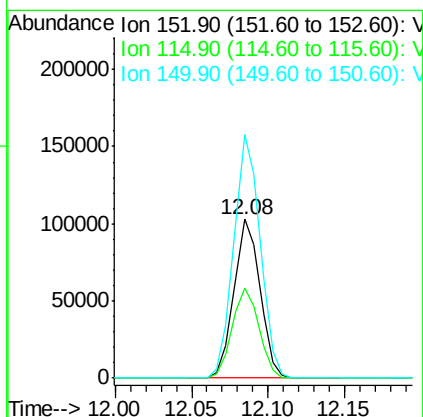
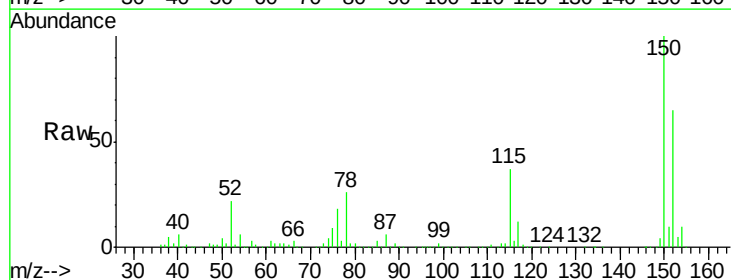
Instrument :
MSVOA_X
ClientSampled :
CHRT24256

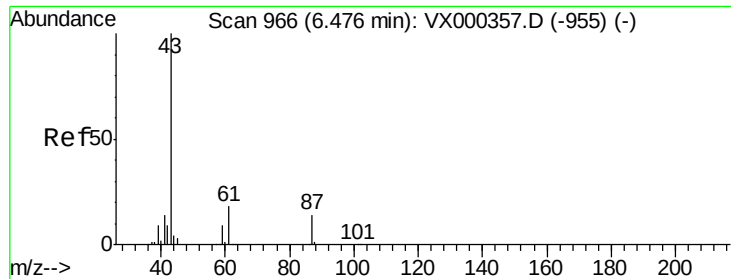
Tgt Ion:117 Resp: 231609
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000574.D
Acq: 30 Mar 2018 21:21

Tgt Ion:152 Resp: 121972
Ion Ratio Lower Upper
152 100
115 58.1 39.8 119.3
150 155.3 0.0 344.4





#74

N-amyI acetate

Concen: Below Cal

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

CHRT24256

Tgt Ion: 43 Resp: 1599

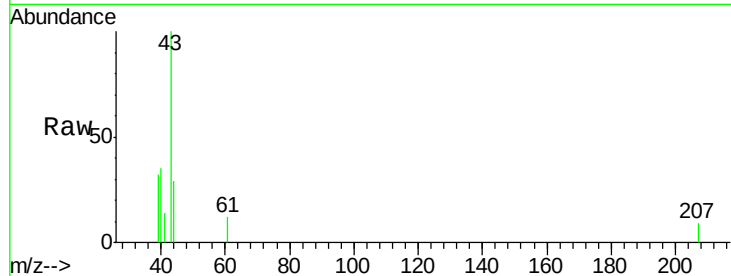
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 3.3 14.4 21.6#

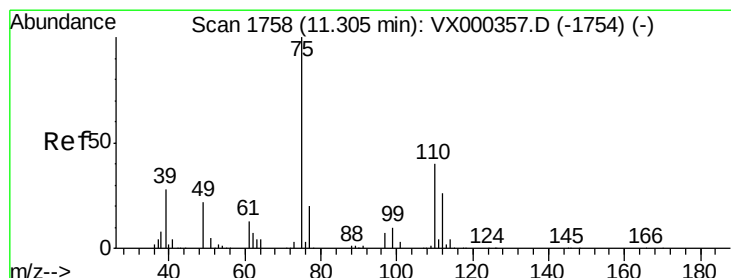
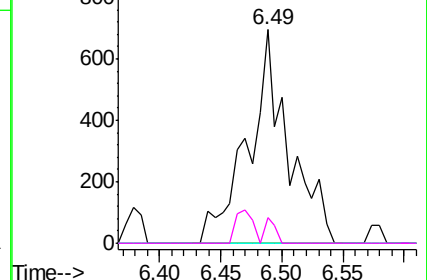
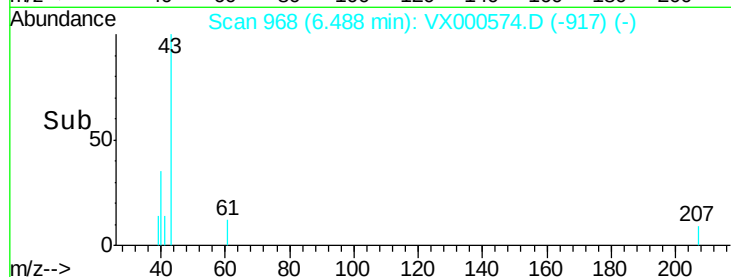


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.05 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000574.D

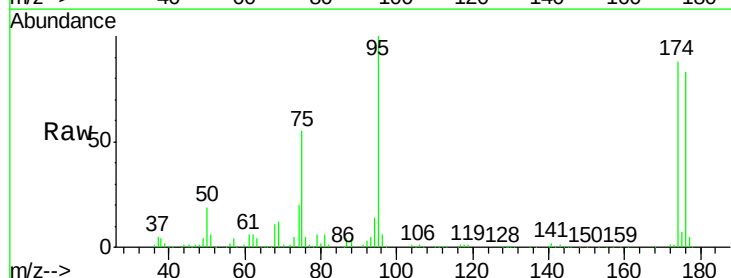
Acq: 30 Mar 2018 21:21

Tgt Ion: 75 Resp: 60420

Ion Ratio Lower Upper

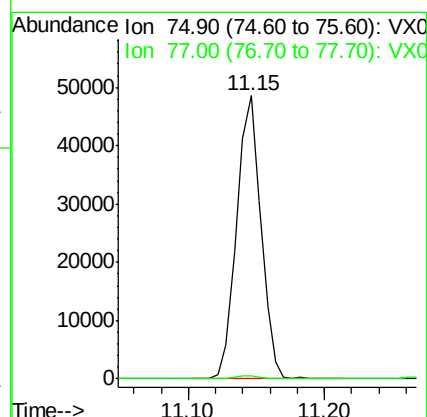
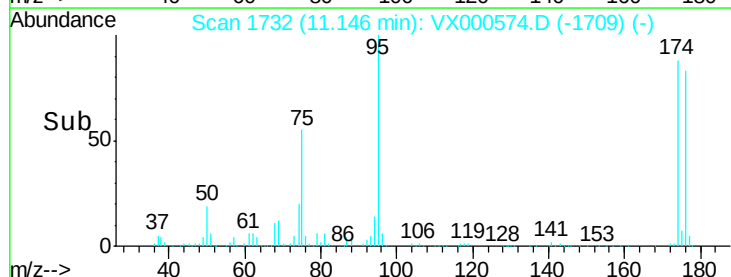
75 100

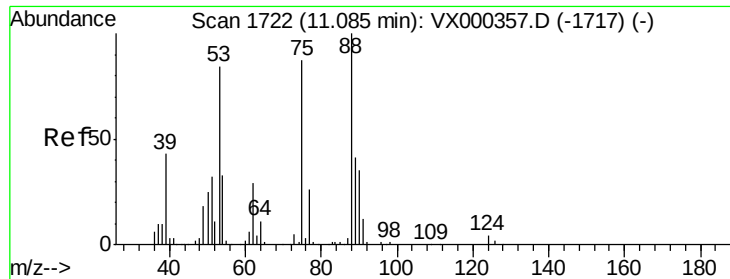
77 1.2 21.4 64.2#



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: 74.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

CHRT24256

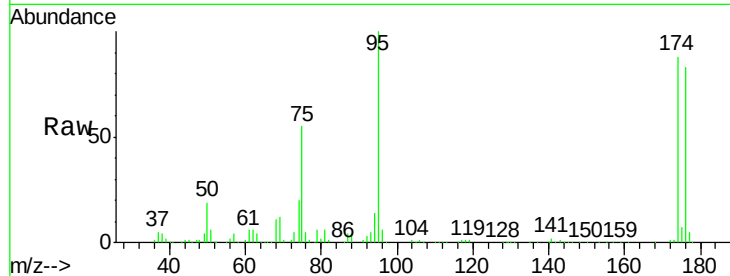
Tgt Ion: 75 Resp: 60420

Ion Ratio Lower Upper

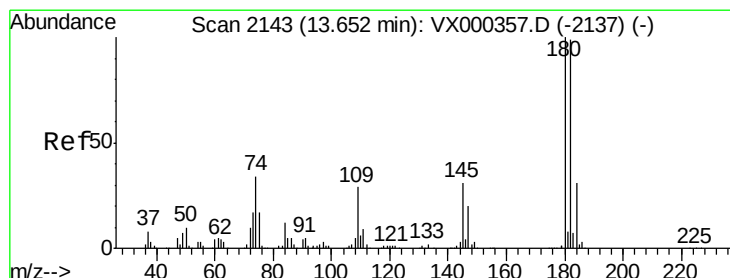
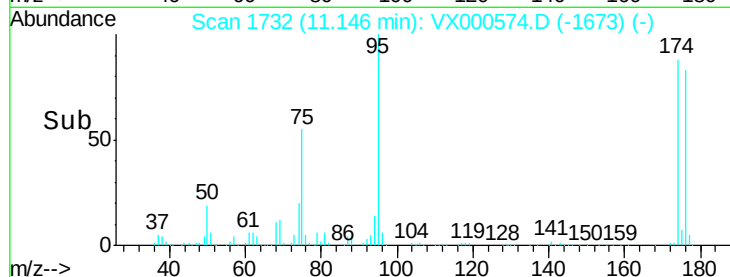
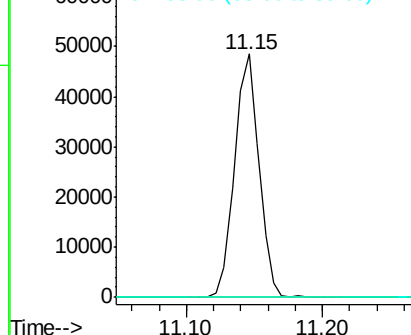
75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

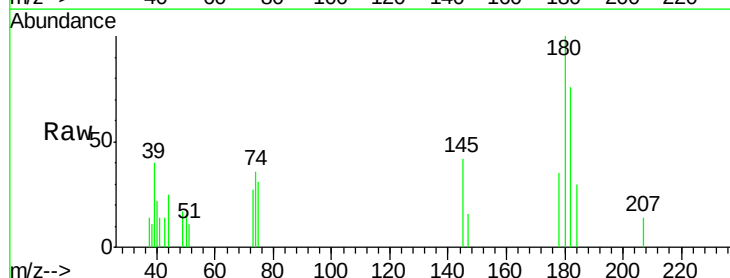
Tgt Ion: 180 Resp: 640

Ion Ratio Lower Upper

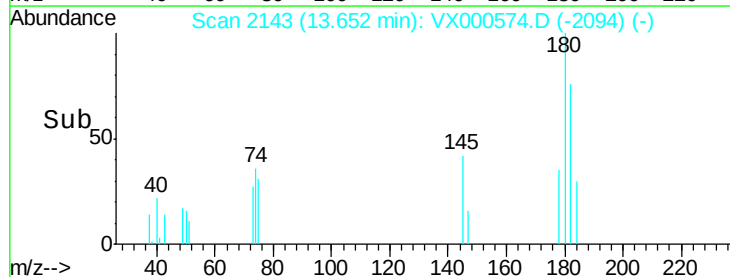
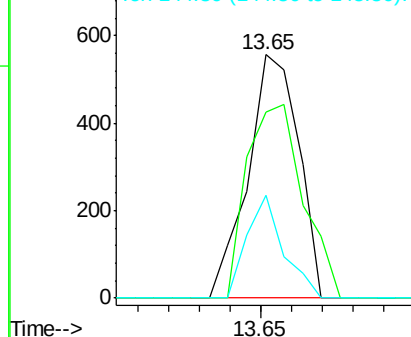
180 100

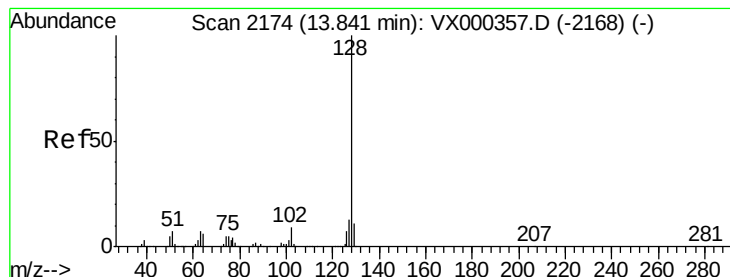
182 88.1 47.6 142.9

145 30.3 15.1 45.3



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: 2.24 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000574.D

Acq: 30 Mar 2018 21:21

Instrument :

MSVOA_X

ClientSampleId :

CHRT24256

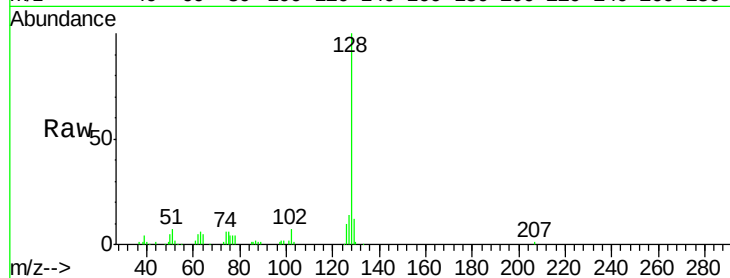
Tgt Ion:128 Resp: 22359

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.9 8.9 13.3



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

