

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016906.D
 Acq On : 20 Jun 2020 04:22
 Operator : JC/SP
 Sample : L3063-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-4

Quant Time: Jun 22 01:52:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	279477	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162499	41.72	ug/l	0.00
Spiked Amount			Recovery	=	83.44%	
35) Dibromofluoromethane	5.47	113	170042	56.59	ug/l	0.00
Spiked Amount			Recovery	=	113.18%	
50) Toluene-d8	8.70	98	686437	57.10	ug/l	0.00
Spiked Amount			Recovery	=	114.20%	
62) 4-Bromofluorobenzene	11.12	95	289485	62.85	ug/l	0.00
Spiked Amount			Recovery	=	125.70%	

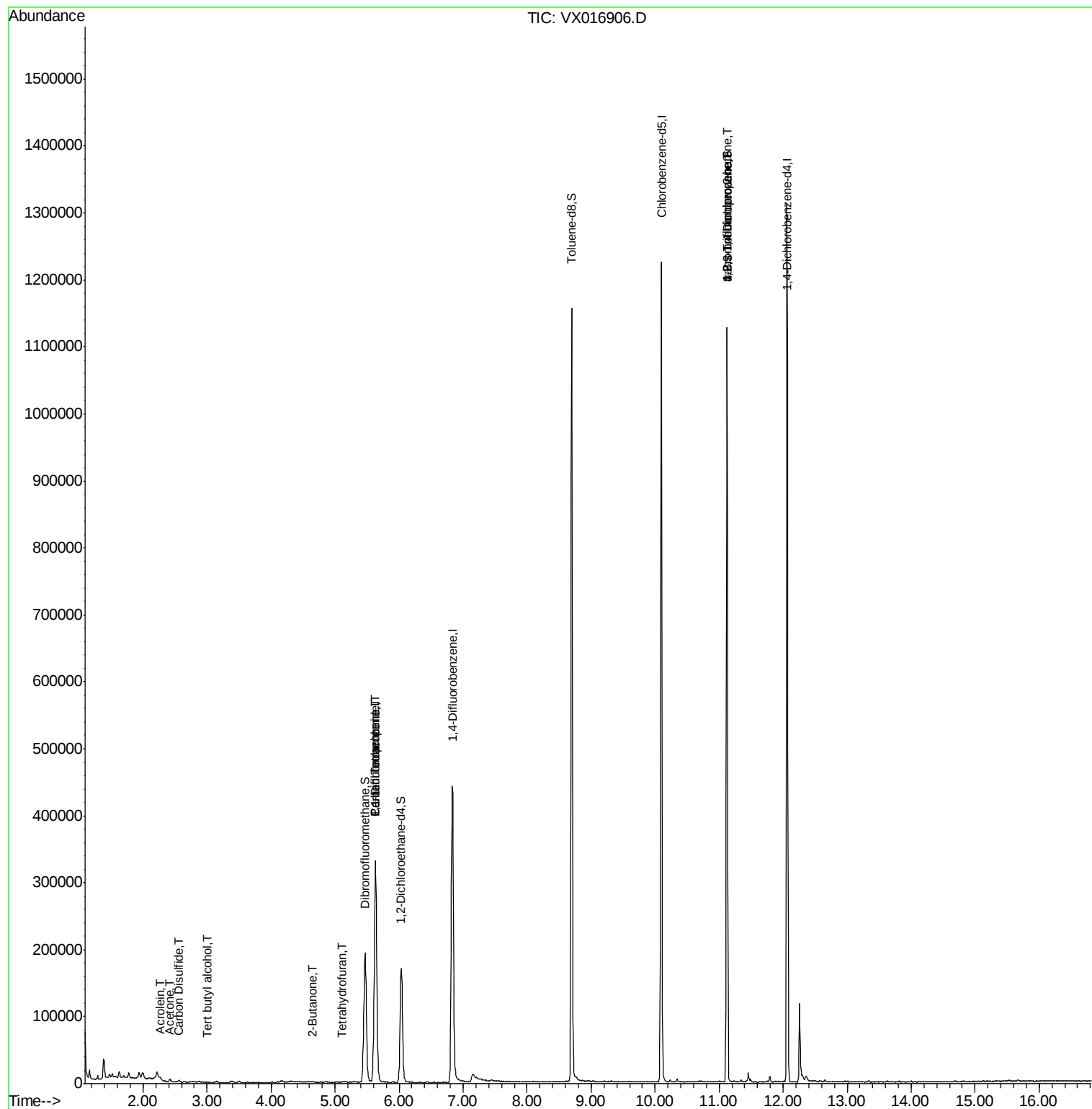
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	158	0.240	ug/l #	72
13) Acrolein	2.28	56	242	0.606	ug/l #	15
16) Acetone	2.42	43	5943	4.203	ug/l	93
17) Carbon Disulfide	2.55	76	2902	0.324	ug/l #	91
25) 2-Butanone	4.64	43	1492	0.767	ug/l	90
29) Tetrahydrofuran	5.11	42	264	0.215	ug/l #	28
36) 1,1-Dichloropropene	5.64	75	22746	5.245	ug/l #	48
38) Carbon Tetrachloride	5.63	117	30081	6.182	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	137539	26.946	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	137539	65.988	ug/l #	14

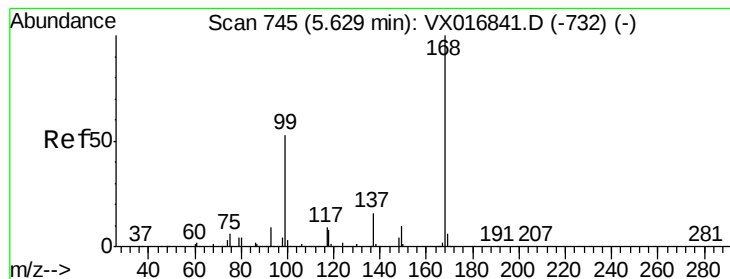
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

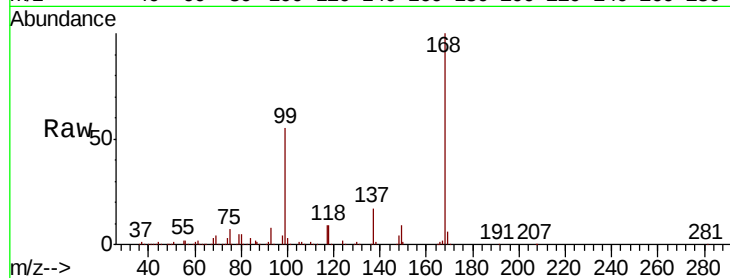
TW-4

Tot Ion:168 Resp: 323848

Ion Ratio Lower Upper

168 100

99 54.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

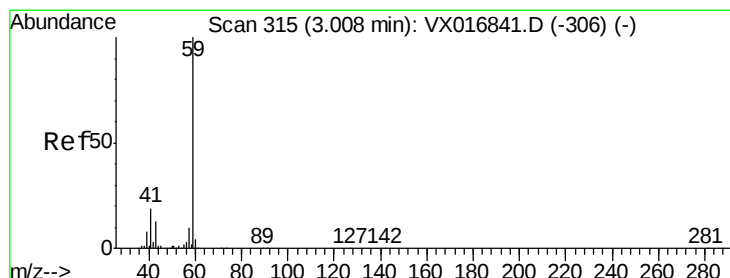
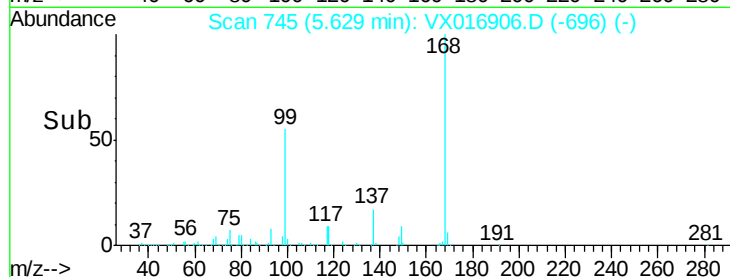
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.240 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016906.D

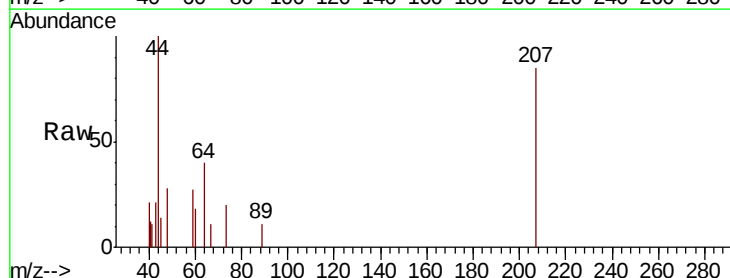
Acq: 20 Jun 2020 04:22

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

150

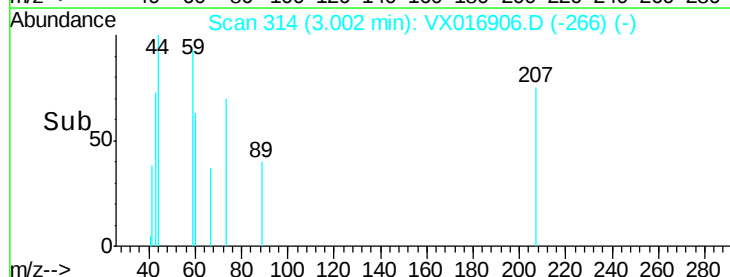
100

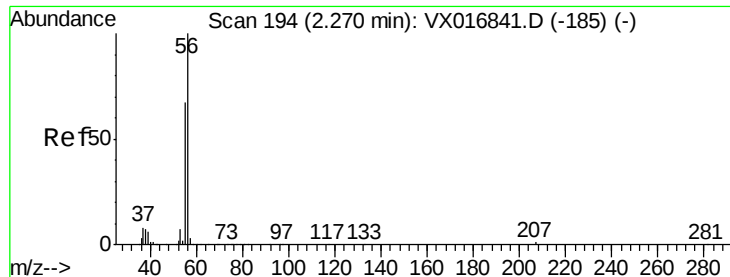
50

0

Time-->

2.96 2.98 3.00 3.02 3.04





#13

Acrolein

Concen: 0.606 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

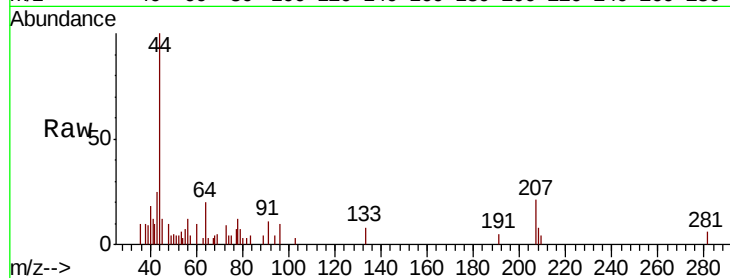
TW-4

Tot Ion: 56 Resp: 242

Ion Ratio Lower Upper

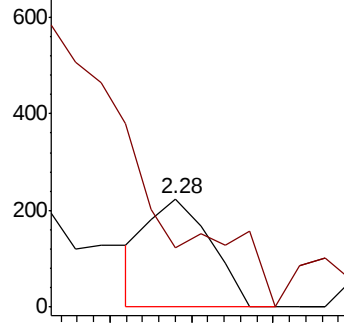
56 100

55 0.0 55.7 83.5#

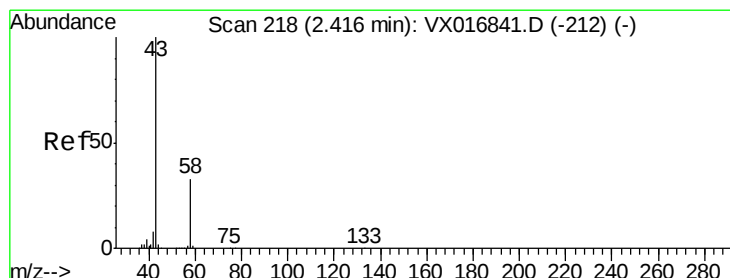
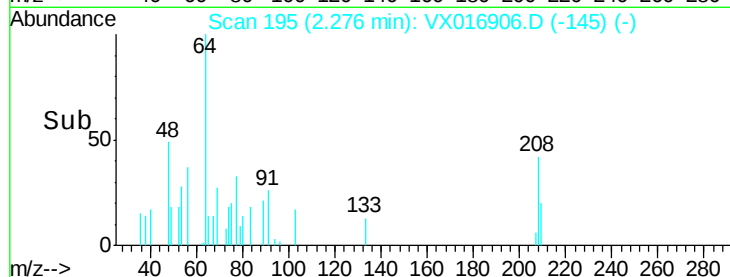


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 4.203 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016906.D

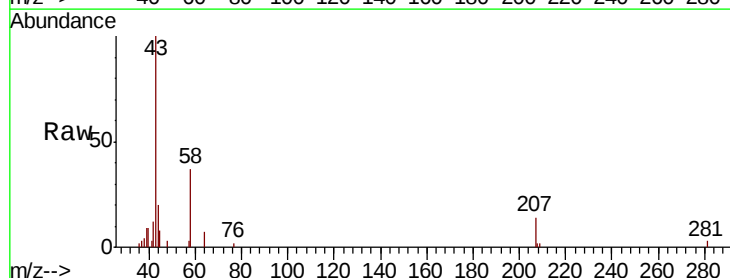
Acq: 20 Jun 2020 04:22

Tgt Ion: 43 Resp: 5943

Ion Ratio Lower Upper

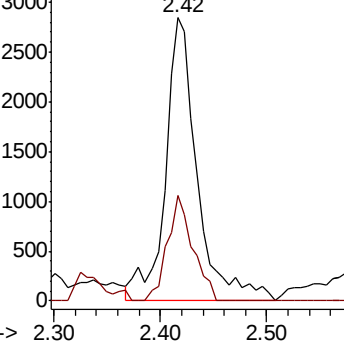
43 100

58 37.1 26.6 39.8

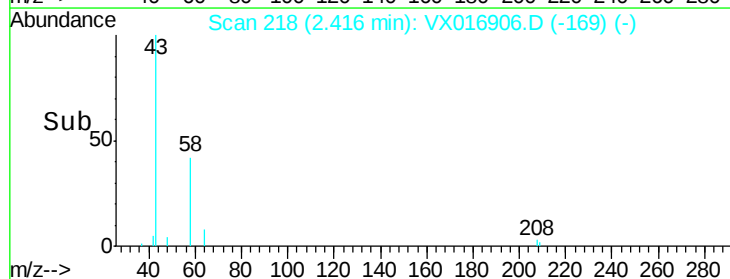


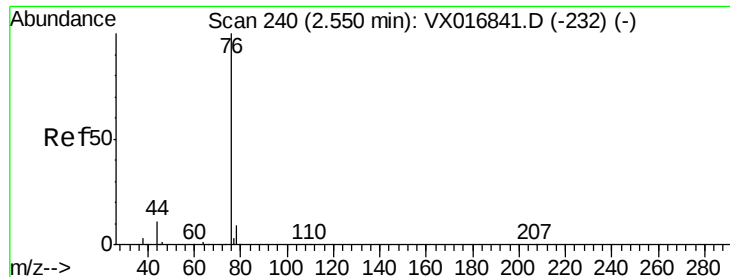
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 0.324 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

Instrument :

MSVOA_X

ClientSampled :

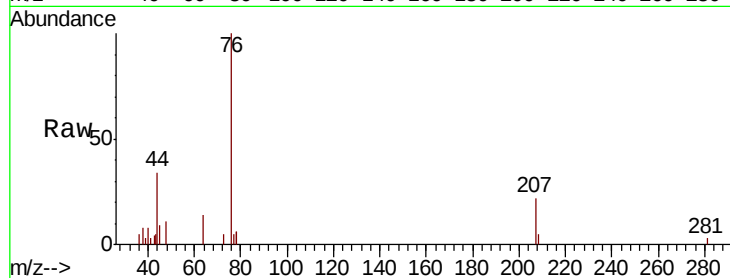
TW-4

Tot Ion: 76 Resp: 2902

Ion Ratio Lower Upper

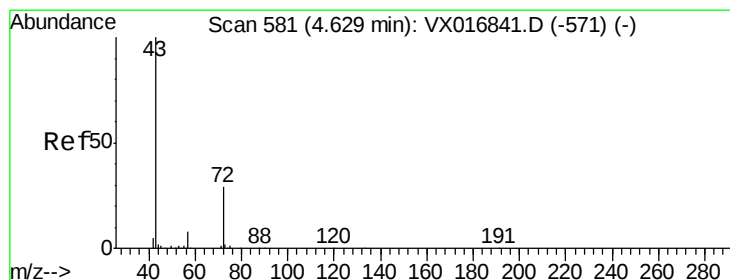
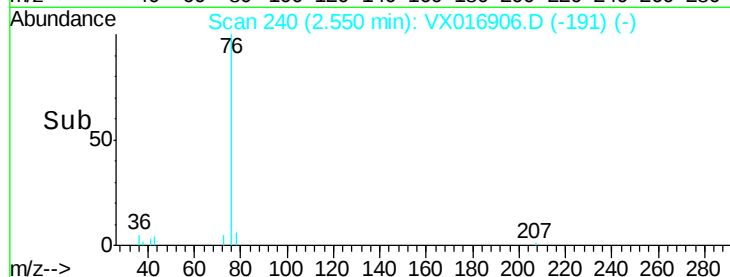
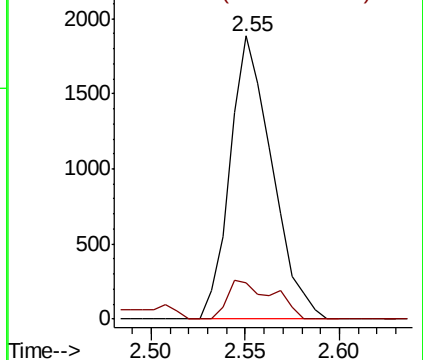
76 100

78 12.6 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 0.767 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016906.D

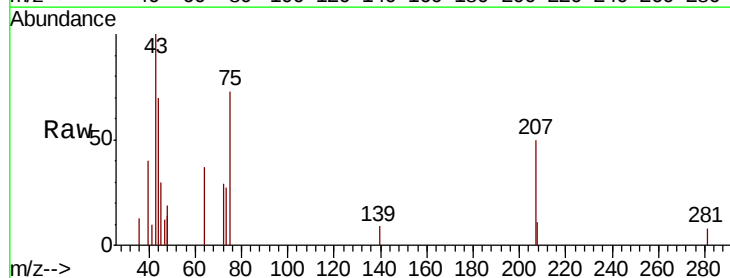
Acq: 20 Jun 2020 04:22

Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

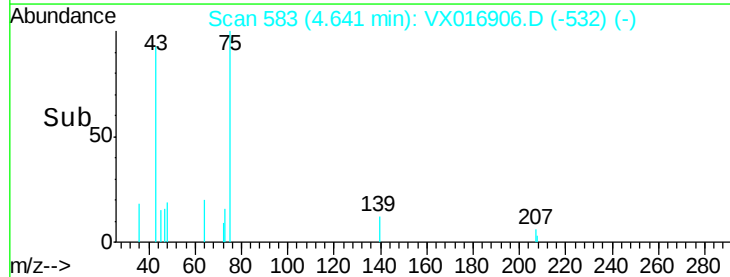
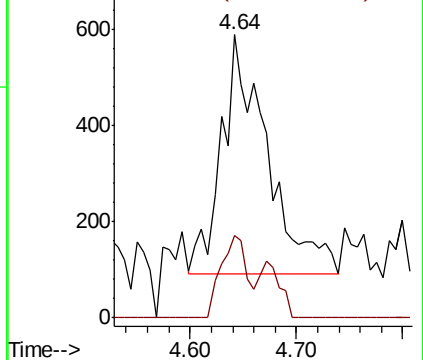
43 100

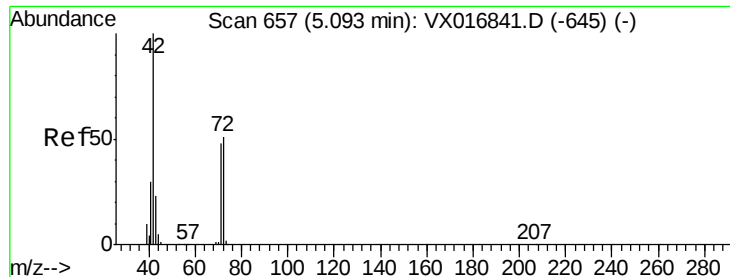
72 34.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

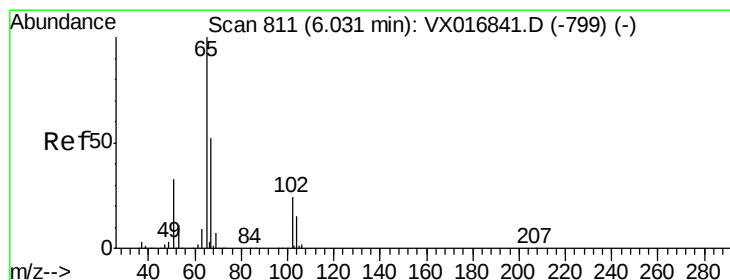
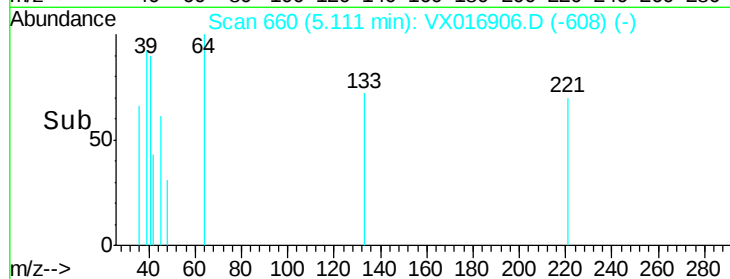
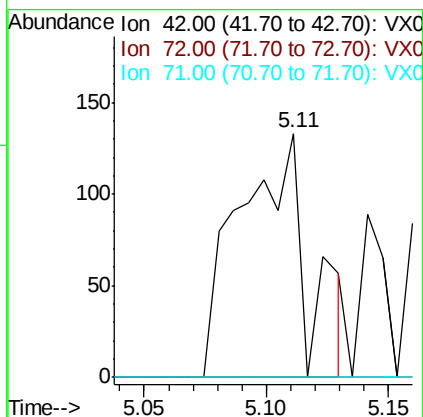
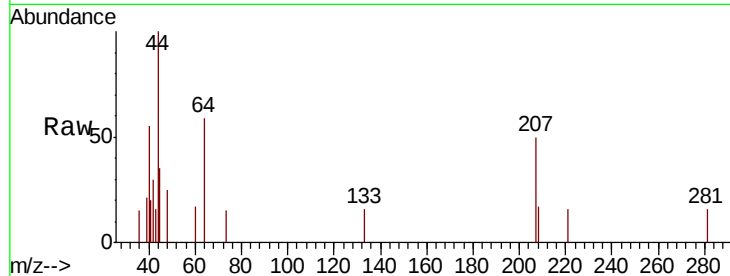




#29
Tetrahydrofuran
Concen: 0.215 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

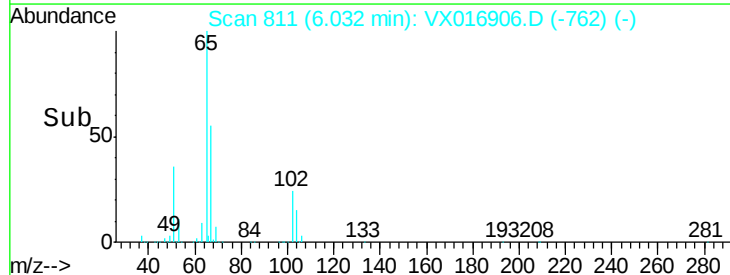
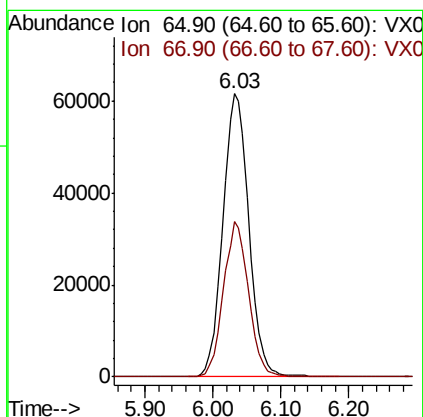
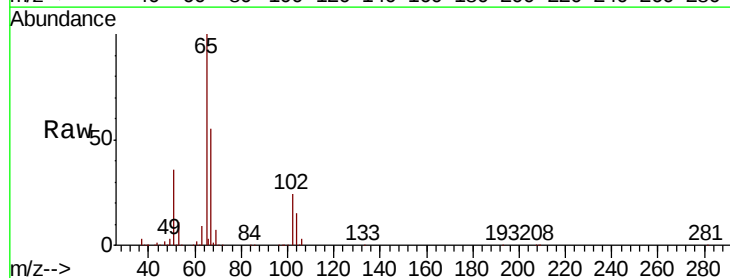
Instrument :
MSVOA_X
ClientSampled :
TW-4

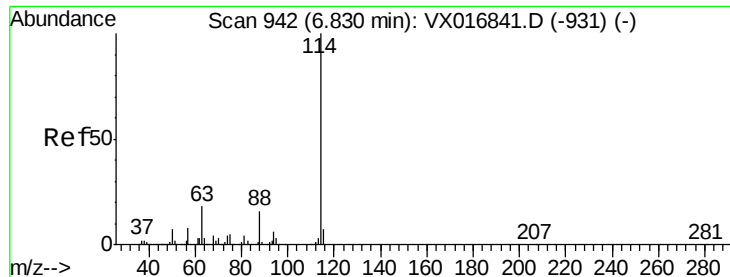
Tot Ion: 42 Resp: 264
Ion Ratio Lower Upper
42 100
72 0.0 41.1 61.7#
71 0.0 38.4 57.6#



#33
1,2-Dichloroethane-d4
Concen: 41.722 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

Tgt Ion: 65 Resp: 162499
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

Instrument :

MSVOA_X

ClientSampled :

TW-4

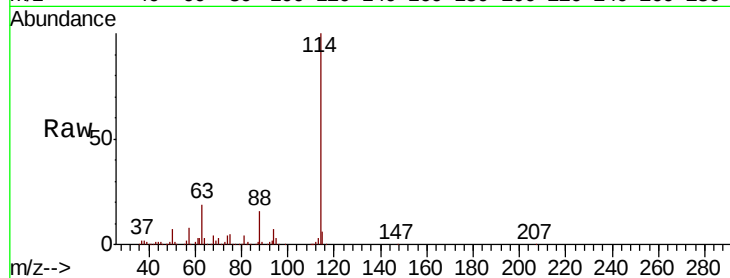
Tot Ion:114 Resp: 469707

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

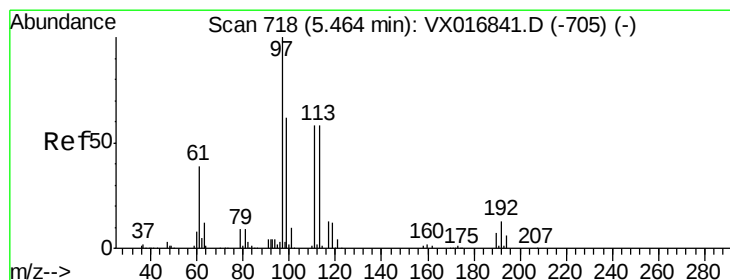
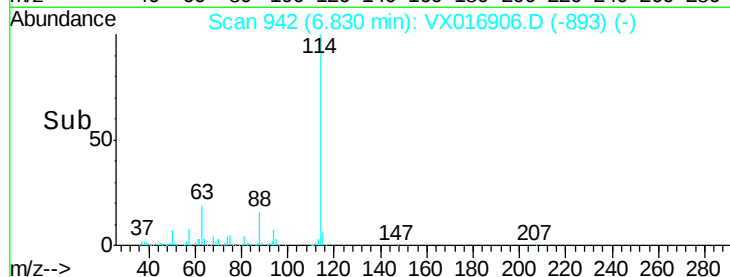
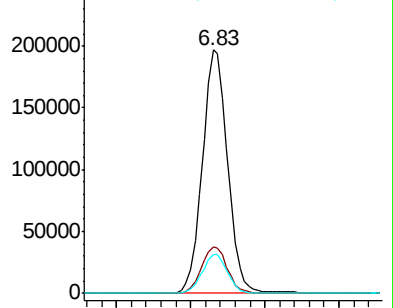
88 16.2 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 56.592 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

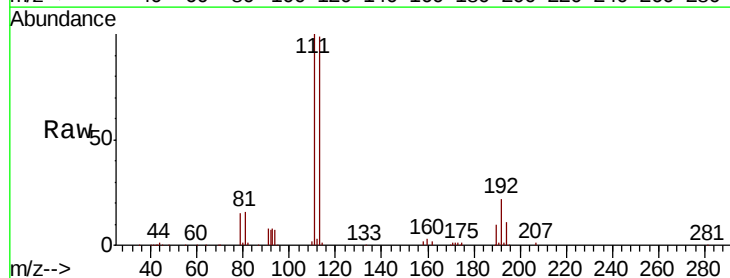
Tgt Ion:113 Resp: 170042

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

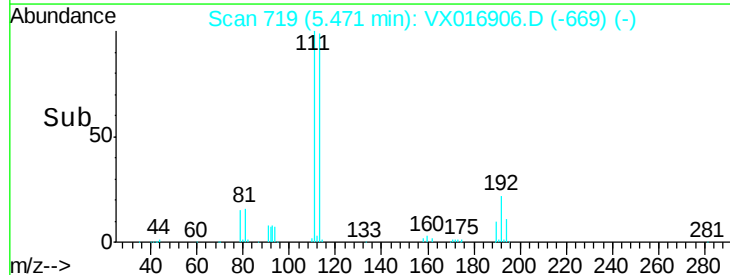
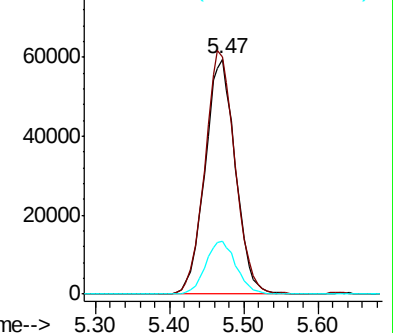
192 22.7 18.5 27.7

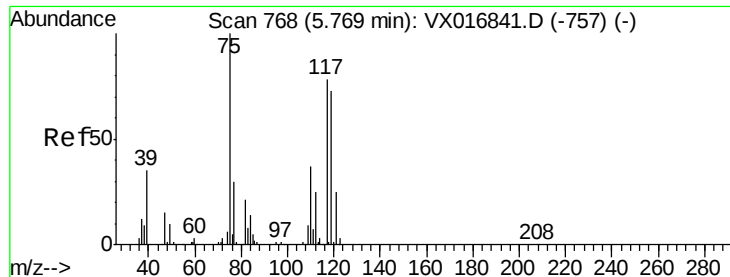


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.245 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

Instrument :

MSVOA_X

ClientSampleId :

TW-4

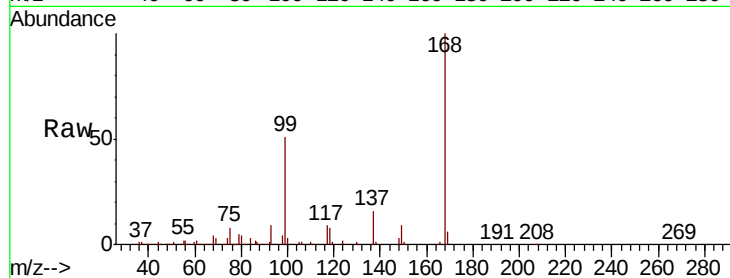
Tot Ion: 75 Resp: 22746

Ion Ratio Lower Upper

75 100

110 9.3 18.9 56.9#

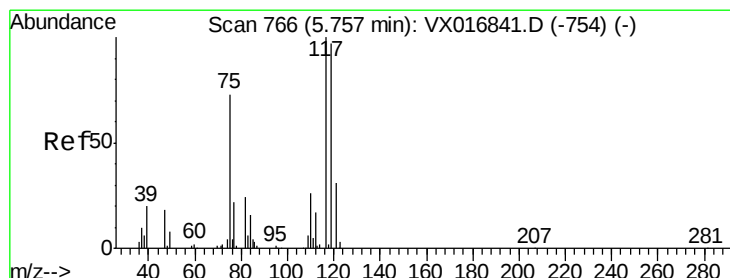
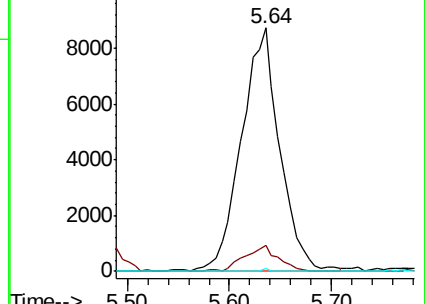
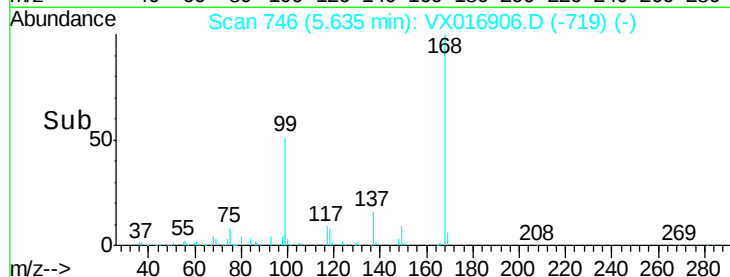
77 0.2 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016906.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016906.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016906.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 6.182 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016906.D

Acq: 20 Jun 2020 04:22

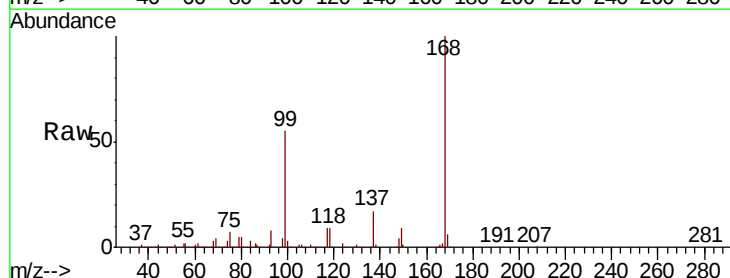
Tgt Ion: 117 Resp: 30081

Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.2#

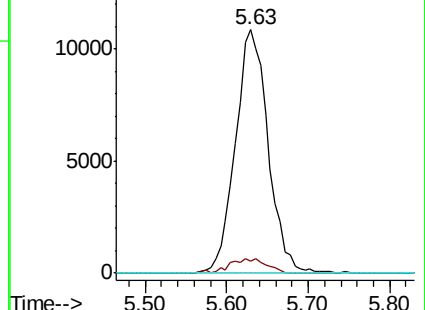
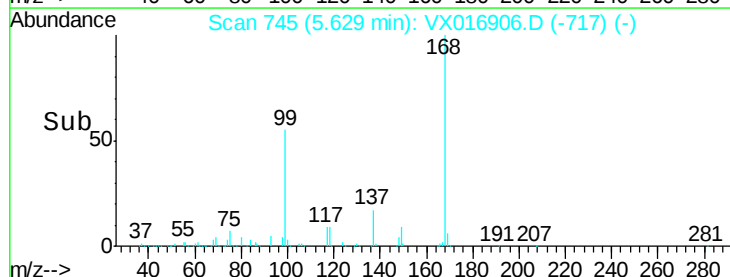
121 0.0 24.7 37.1#

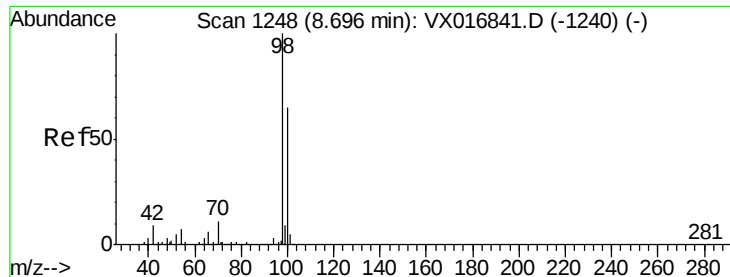


Abundance Ion 116.80 (116.50 to 117.50): VX016906.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016906.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016906.D (-717) (-)

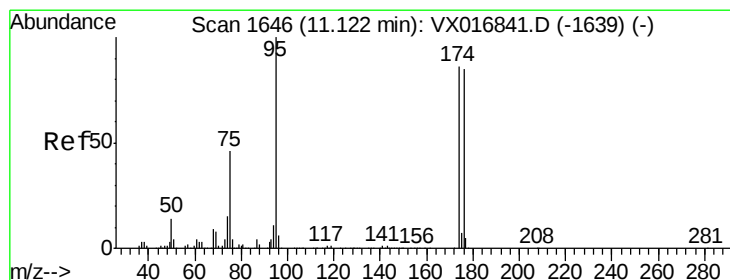
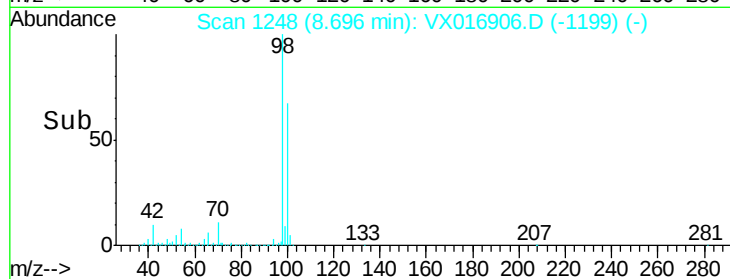
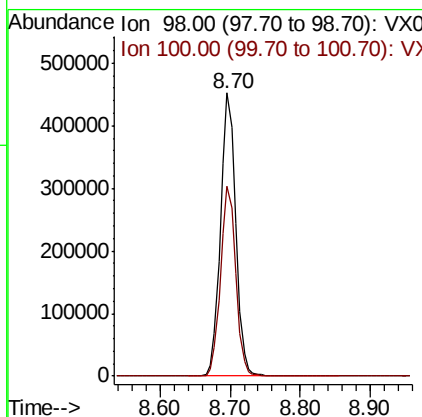
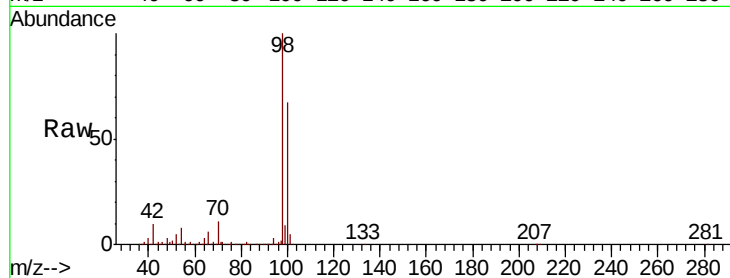




#50
Toluene-d8
Concen: 57.101 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

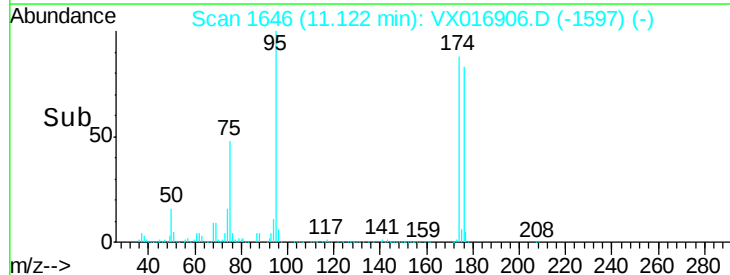
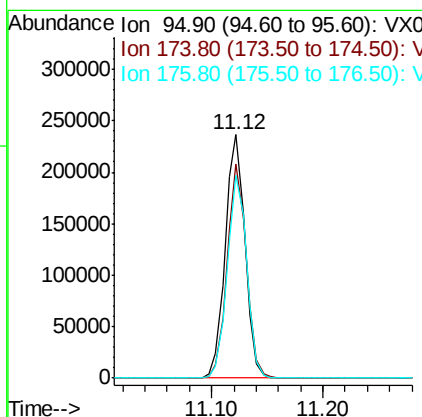
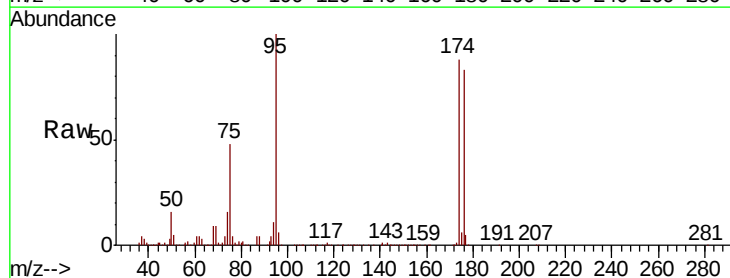
Instrument :
MSVOA_X
ClientSampleId :
TW-4

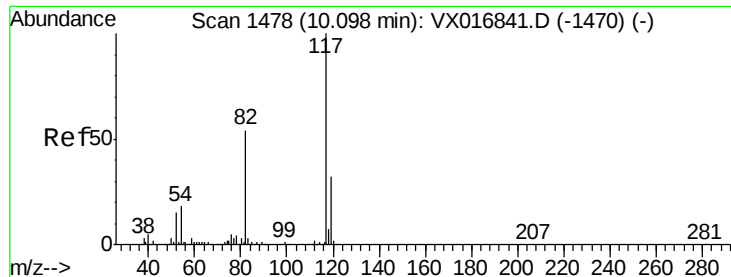
Tot Ion: 98 Resp: 686437
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 62.851 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

Tgt Ion: 95 Resp: 289485
Ion Ratio Lower Upper
95 100
174 85.4 0.0 174.2
176 82.2 0.0 170.0

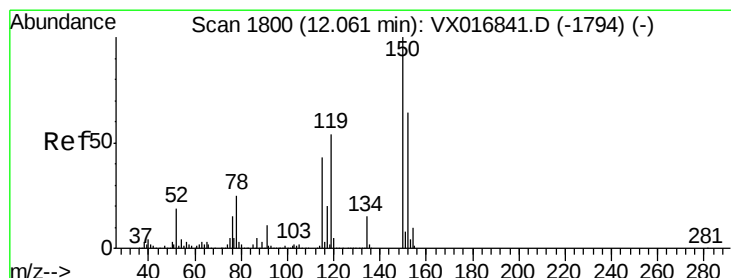
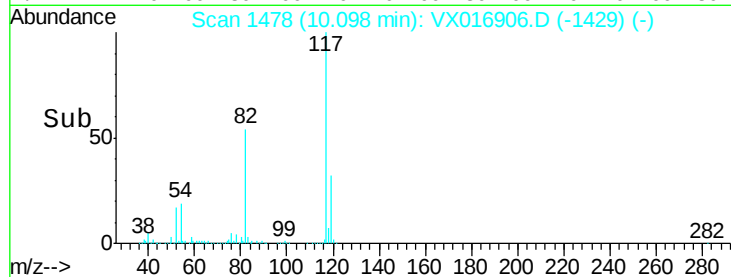
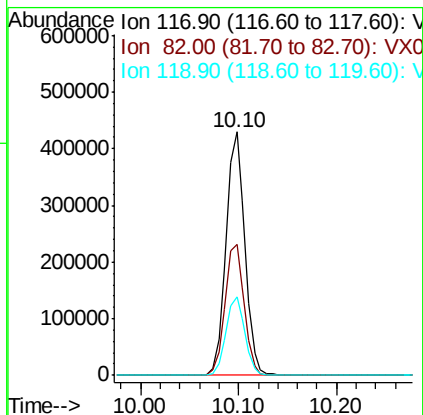
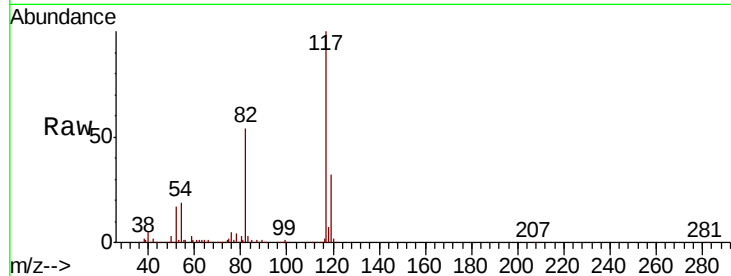




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

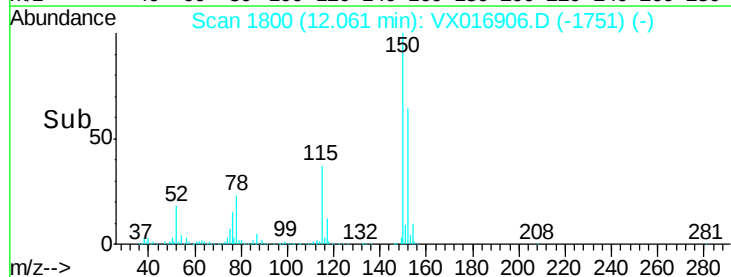
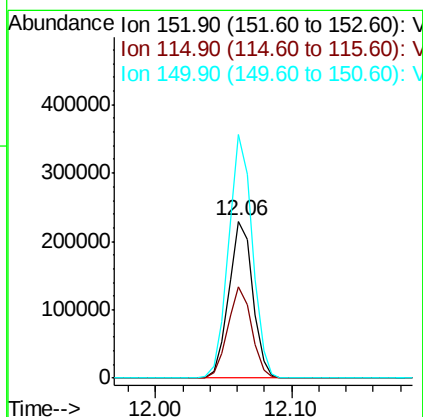
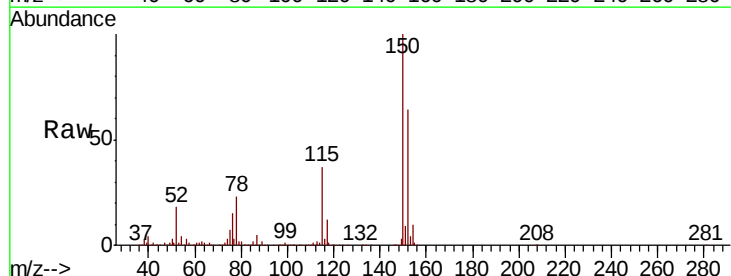
Instrument :
MSVOA_X
ClientSampled :
TW-4

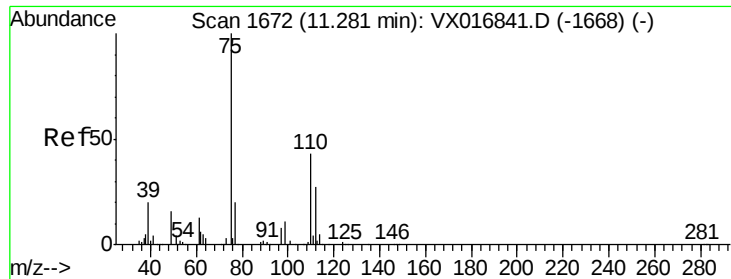
Tot Ion:117 Resp: 571547
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016906.D
Acq: 20 Jun 2020 04:22

Tgt Ion:152 Resp: 279477
Ion Ratio Lower Upper
152 100
115 57.6 40.9 122.8
150 154.9 0.0 344.2

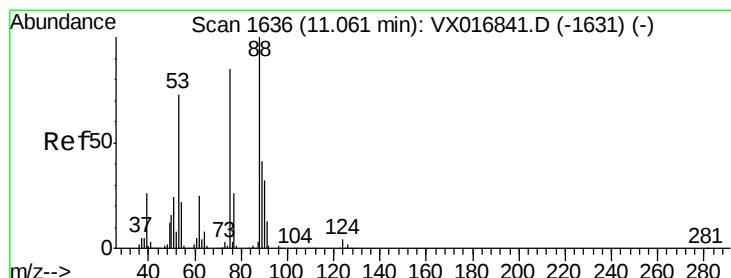
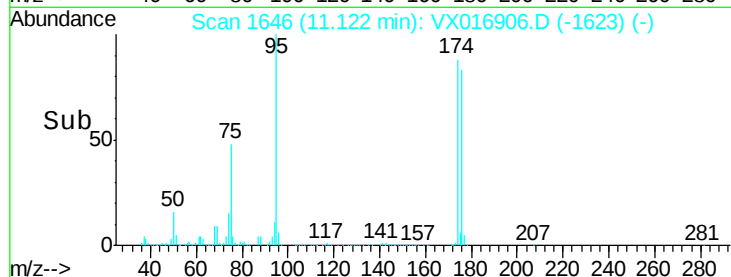
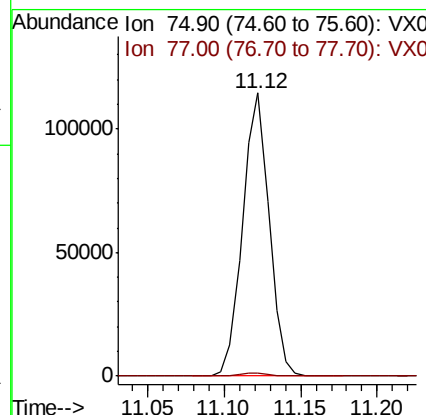
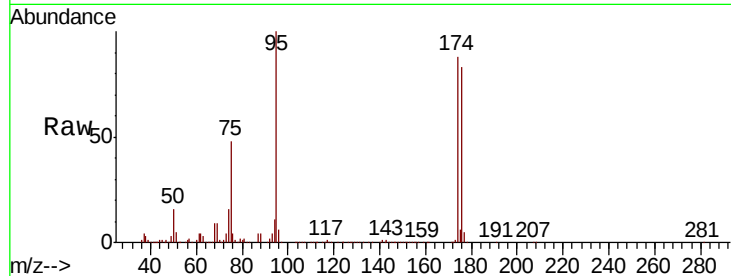




#76
 1,2,3-Trichloropropane
 Concen: 26.946 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016906.D
 Acq: 20 Jun 2020 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-4

Tot Ion: 75 Resp: 137539
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.988 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016906.D
 Acq: 20 Jun 2020 04:22

Tgt Ion: 75 Resp: 137539
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.8#
 89 0.0 38.3 57.5#

