

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016589.D
 Acq On : 04 Jun 2020 18:16
 Operator : JC/SP
 Sample : L2894-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	370103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	138578	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	5.47	113	111461	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.70	98	460497	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	184384	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	

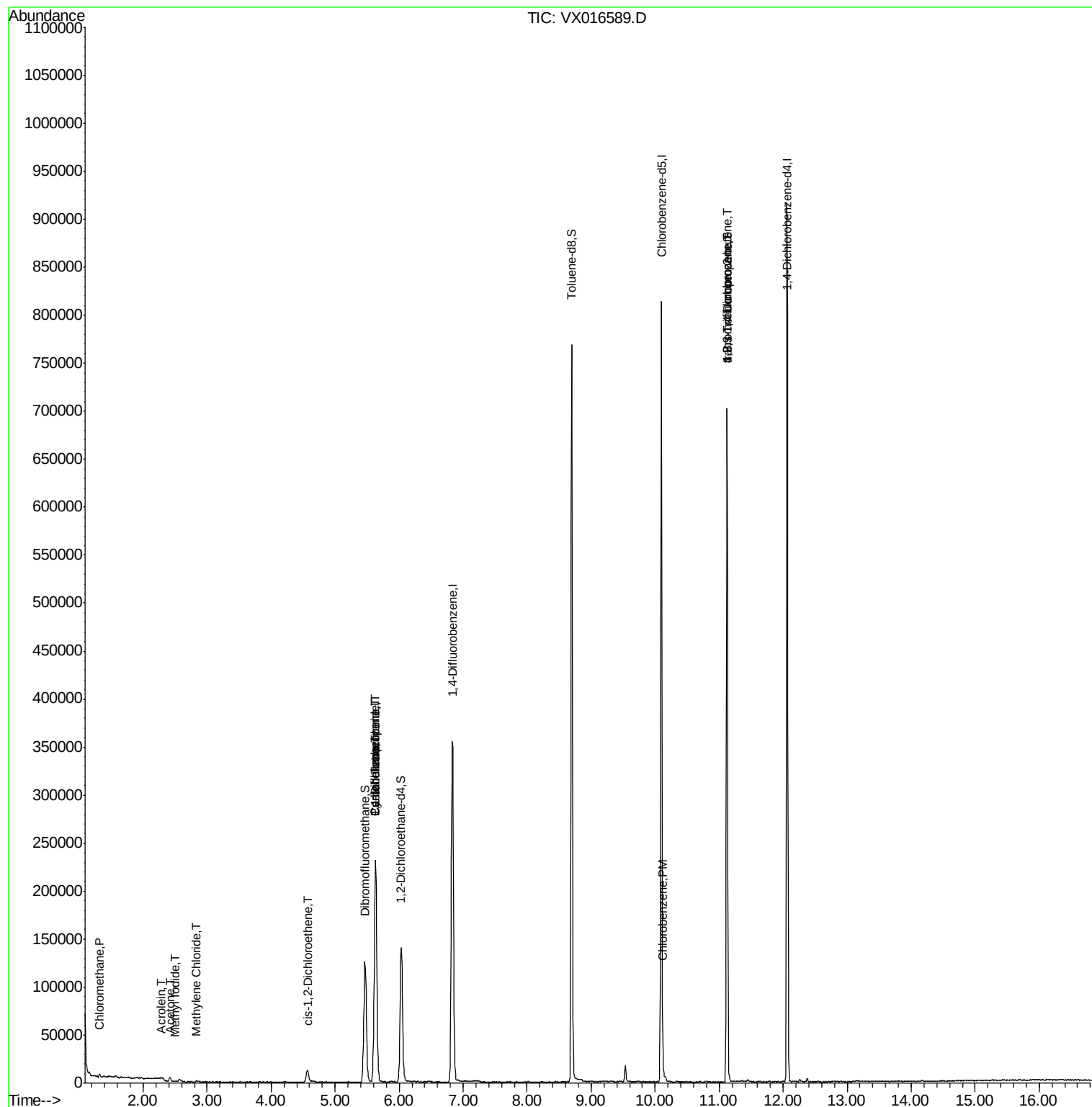
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2237	0.823	ug/l	98
10) Methyl Iodide	2.50	142	23	3.064	ug/l #	40
13) Acrolein	2.28	56	111	0.358	ug/l #	1
16) Acetone	2.42	43	3605	2.899	ug/l	98
20) Methylene Chloride	2.83	84	529	0.206	ug/l #	73
27) cis-1,2-Dichloroethene	4.57	96	8303	2.950	ug/l	87
31) Cyclohexane	5.62	56	4009	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	15958	4.554	ug/l #	51
38) Carbon Tetrachloride	5.63	117	22071	5.993	ug/l #	17
65) Chlorobenzene	10.12	112	3597	0.471	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	89160	21.178	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	89160	52.093	ug/l #	14

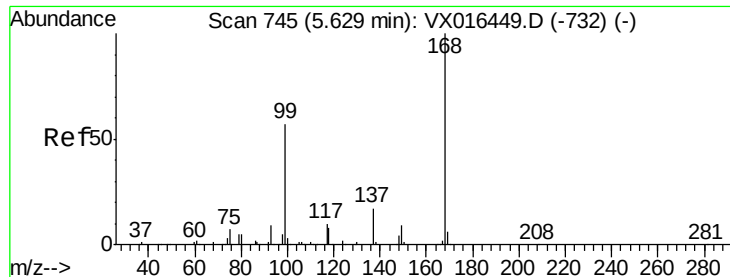
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 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: VX016589.D

Acq: 04 Jun 2020 18:16

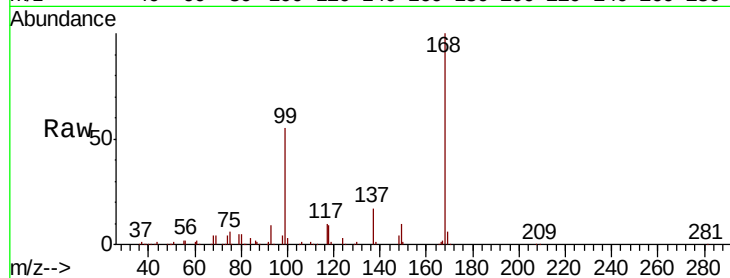
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 228568

Ion Ratio Lower Upper

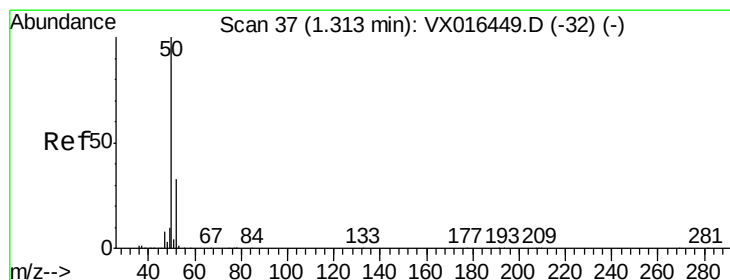
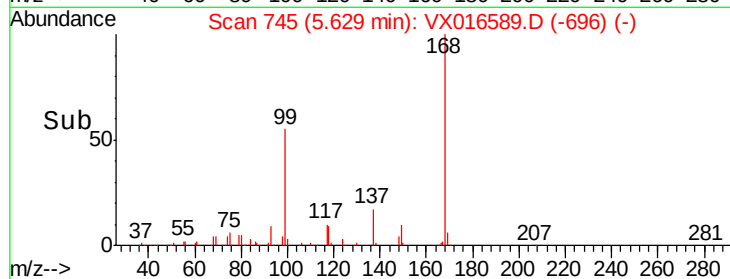
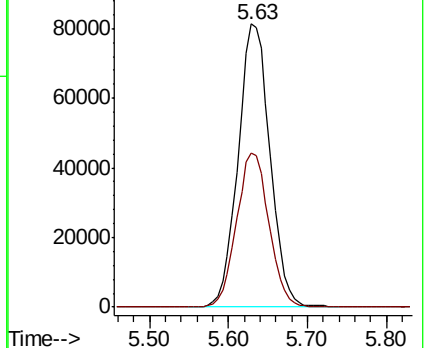
168 100

99 54.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.823 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016589.D

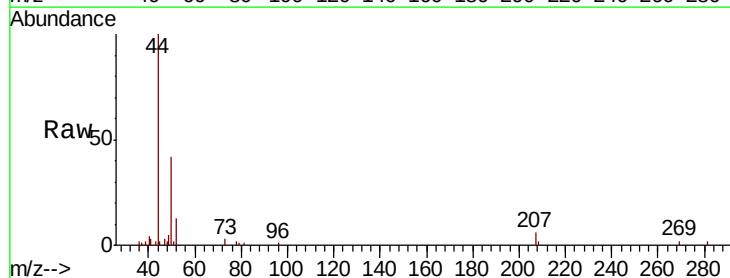
Acq: 04 Jun 2020 18:16

Tgt Ion: 50 Resp: 2237

Ion Ratio Lower Upper

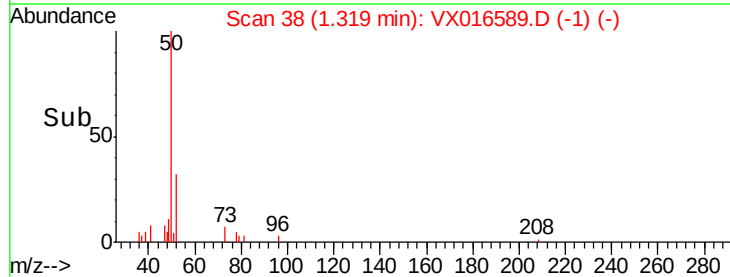
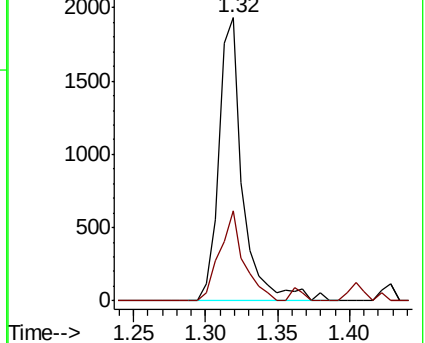
50 100

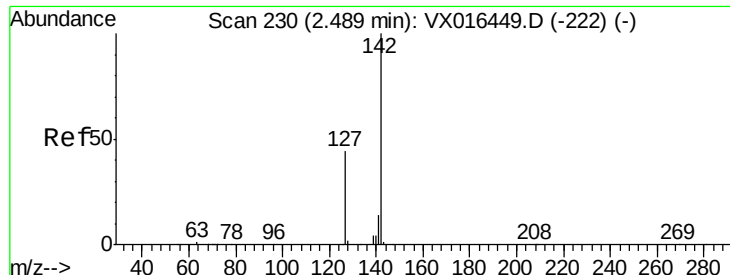
52 31.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

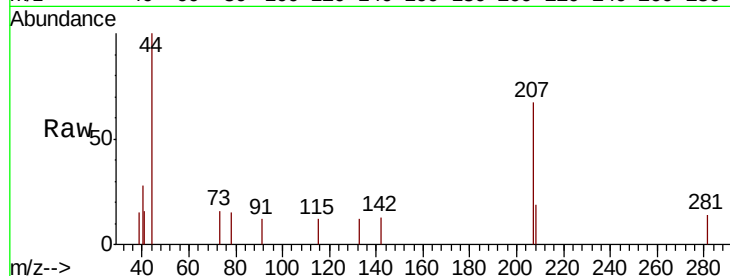




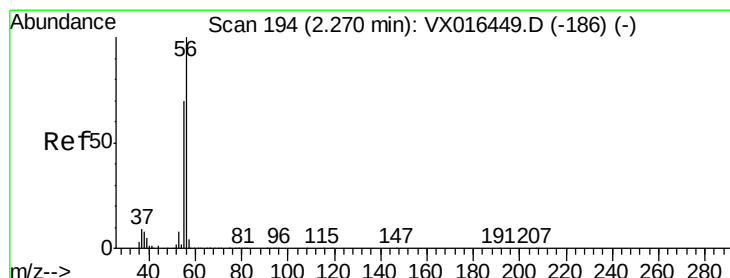
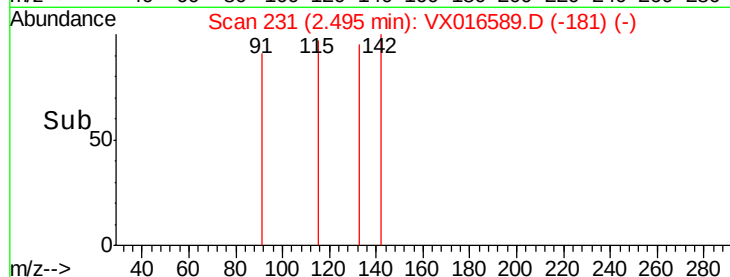
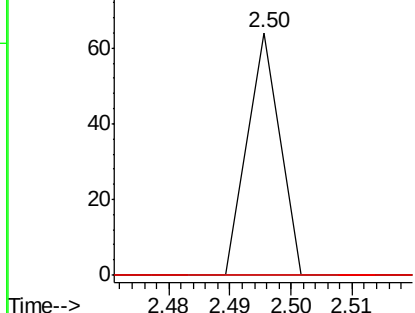
#10
Methyl Iodide
Concen: 3.064 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

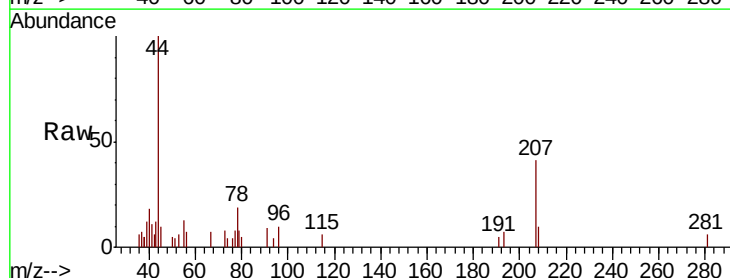


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

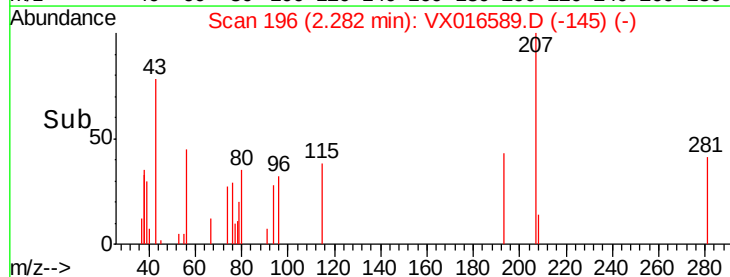
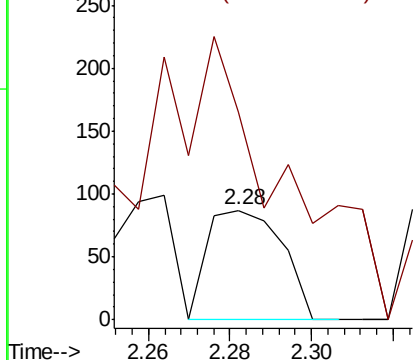


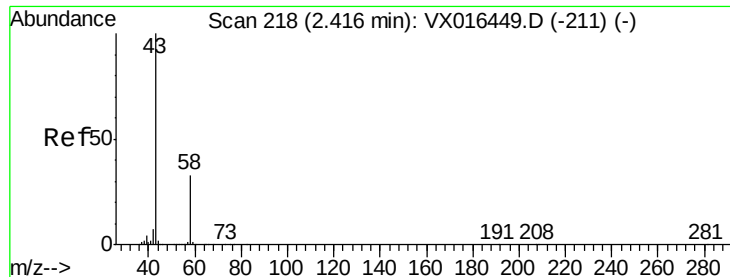
#13
Acrolein
Concen: 0.358 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 509.0 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

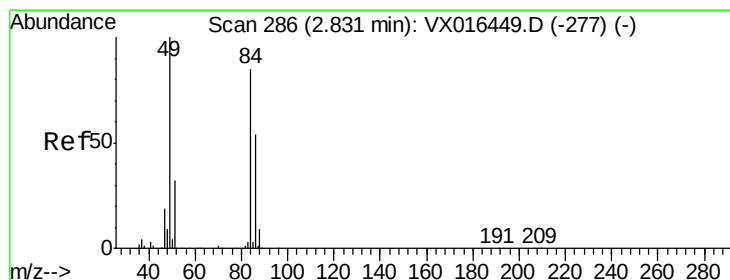
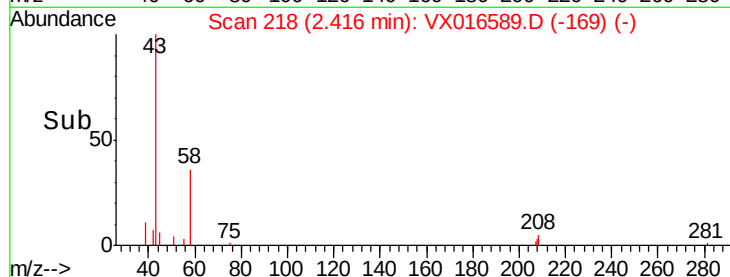
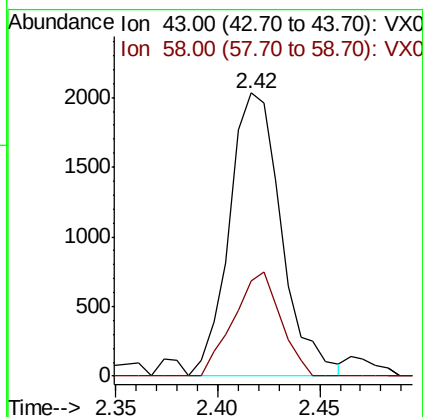
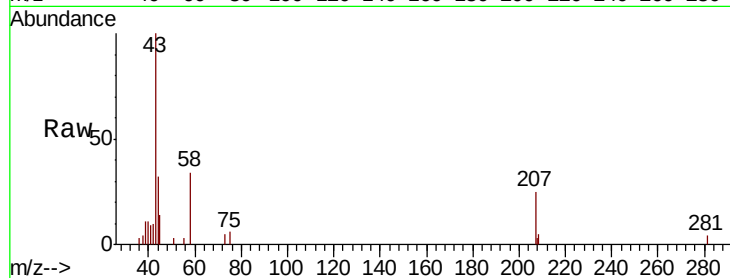




#16
Acetone
Concen: 2.899 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

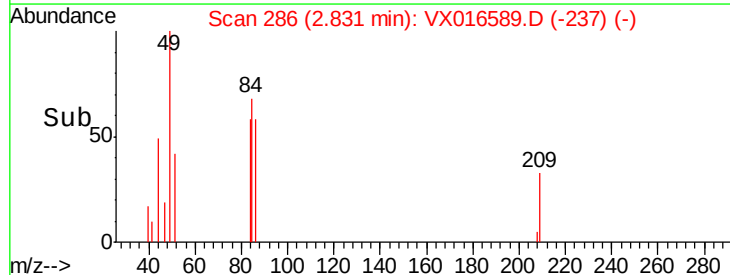
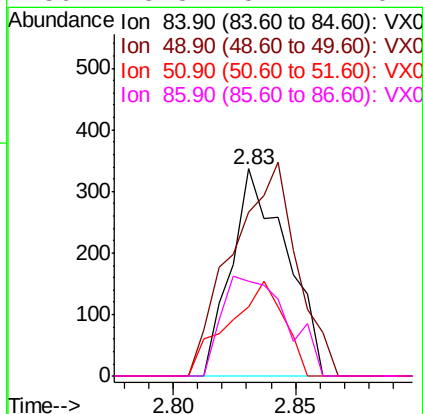
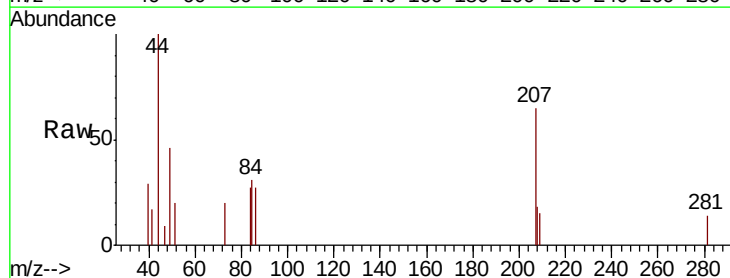
Instrument :
MSVOA_X
ClientSampleId :

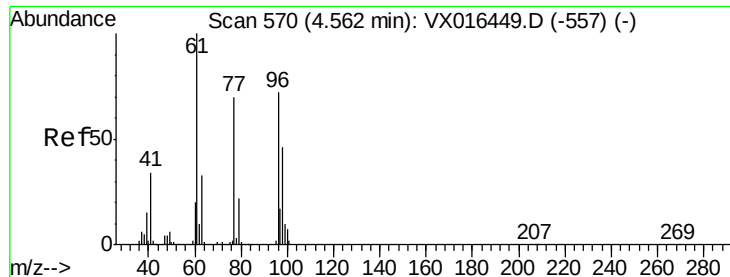
Tot Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
58 33.7 26.1 39.1



#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Tgt Ion: 84 Resp: 529
Ion Ratio Lower Upper
84 100
49 79.2 94.5 141.7#
51 33.6 30.2 45.4
86 45.8 51.1 76.7#



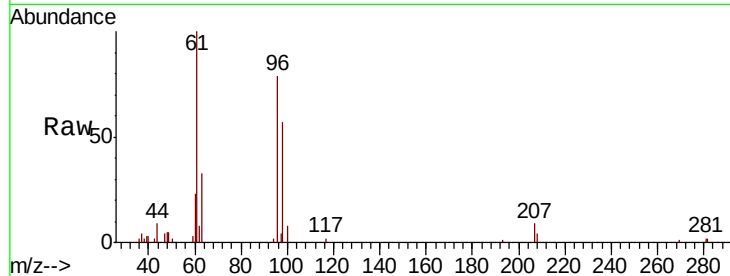


#27

cis-1,2-Dichloroethene
Concen: 2.950 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	8303
Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	284.6
98	57.4	0.0	127.2

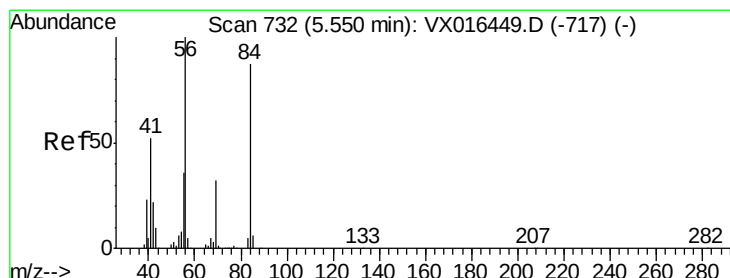
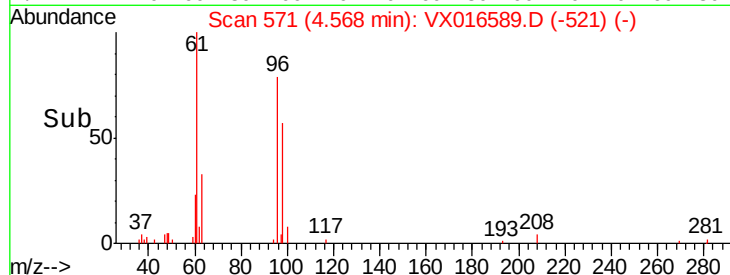
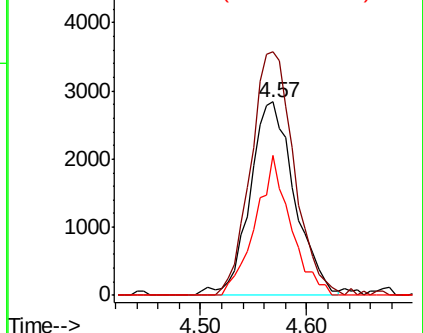


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

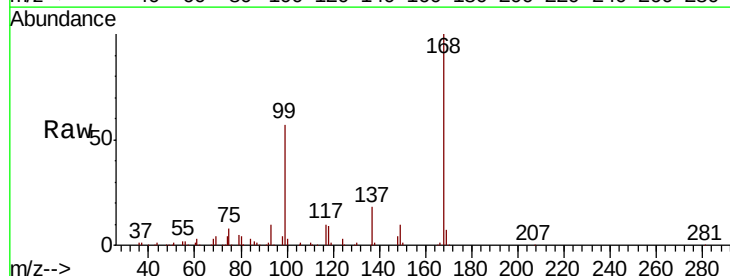
Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane
Concen: 1.016 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Tgt Ion	56	Resp	4009
Ion	Ratio	Lower	Upper
56	100		
69	181.5	25.7	38.5#
84	151.3	70.0	105.0#

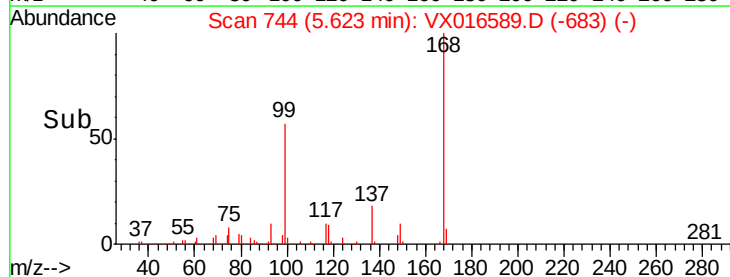
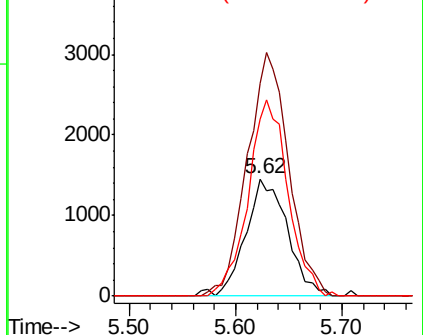


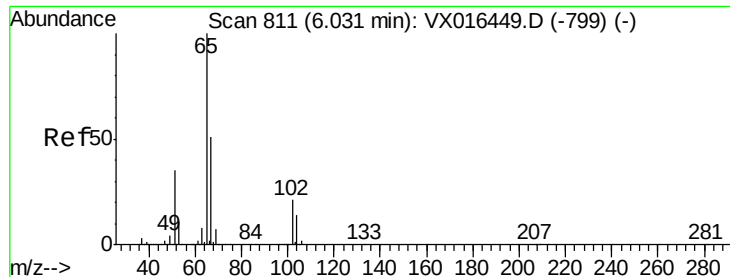
Abundance

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

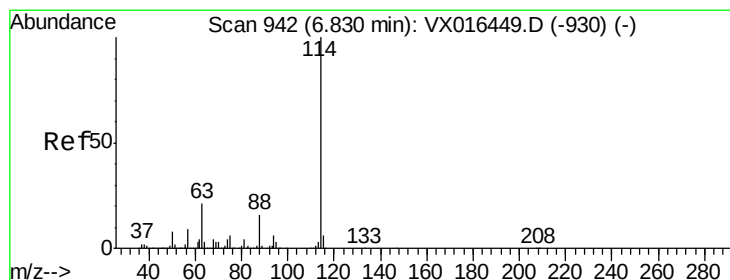
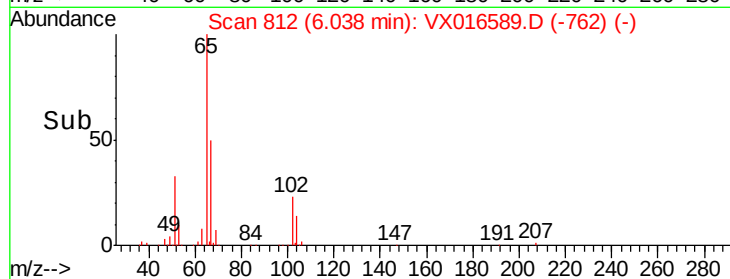
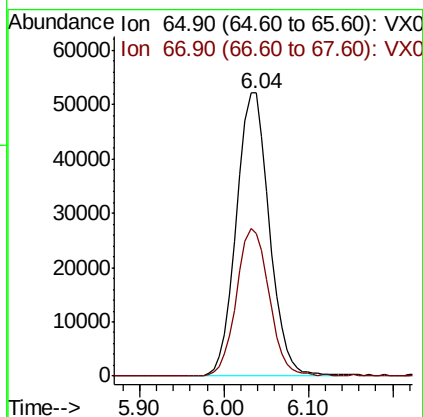
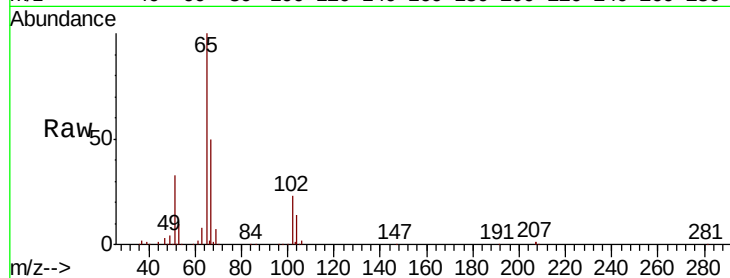




#33
 1,2-Dichloroethane-d4
 Concen: 48.821 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016589.D
 Acq: 04 Jun 2020 18:16

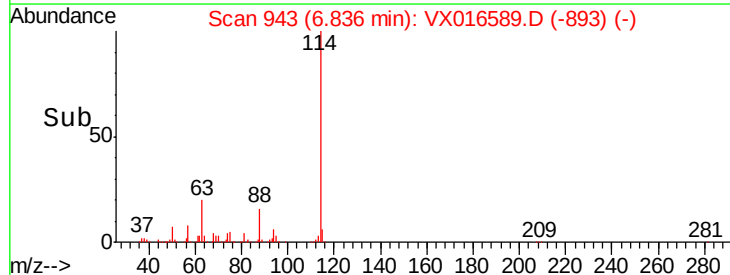
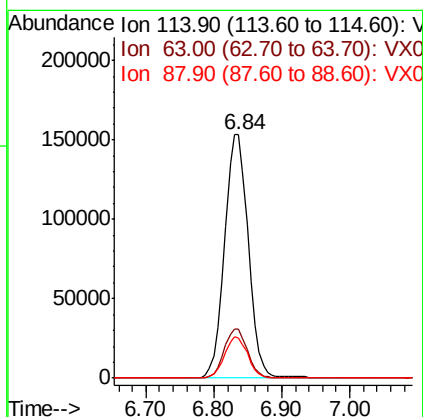
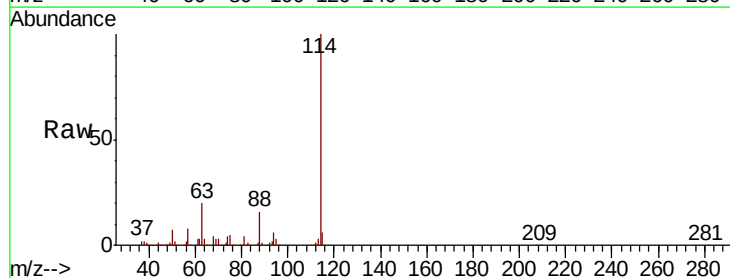
Instrument :
 MSVOA_X
 ClientSampleId :

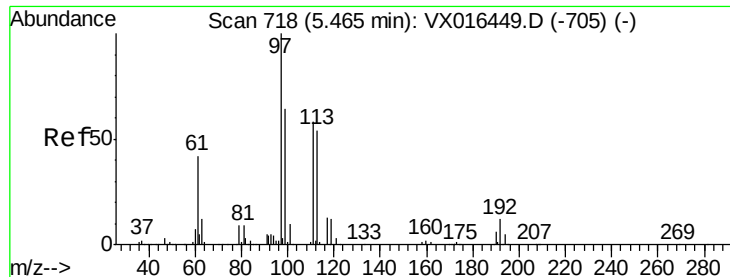
Tot Ion: 65 Resp: 138578
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016589.D
 Acq: 04 Jun 2020 18:16

Tgt Ion: 114 Resp: 370103
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016589.D

Acq: 04 Jun 2020 18:16

Instrument :

MSVOA_X

ClientSampled :

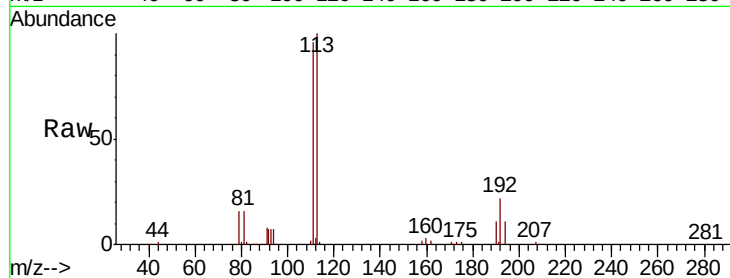
Tot Ion:113 Resp: 111461

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

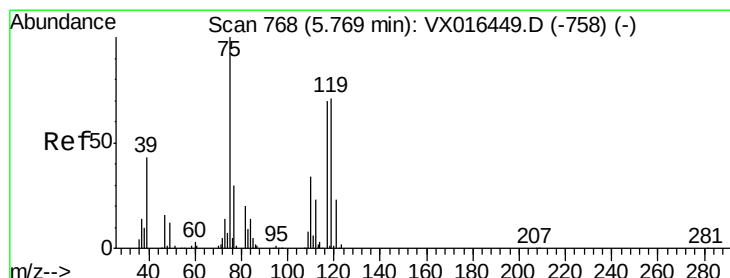
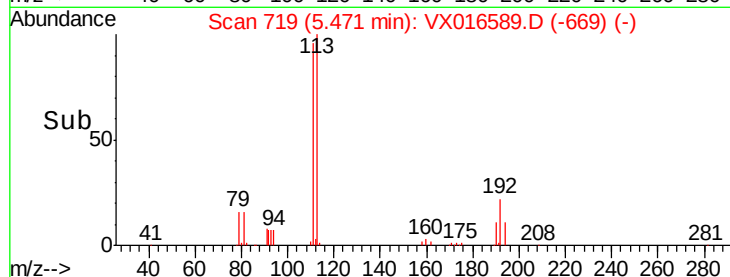
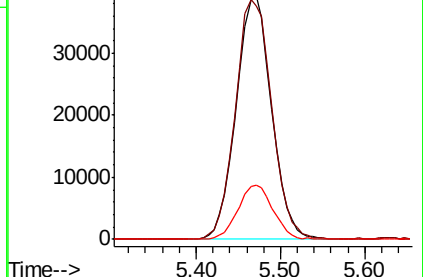
192 22.2 17.7 26.5



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: 4.554 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016589.D

Acq: 04 Jun 2020 18:16

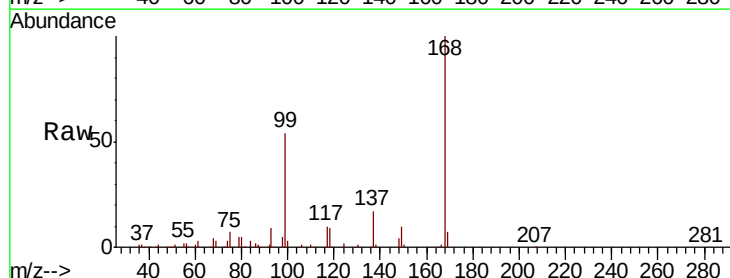
Tgt Ion: 75 Resp: 15958

Ion Ratio Lower Upper

75 100

110 10.0 17.4 52.3#

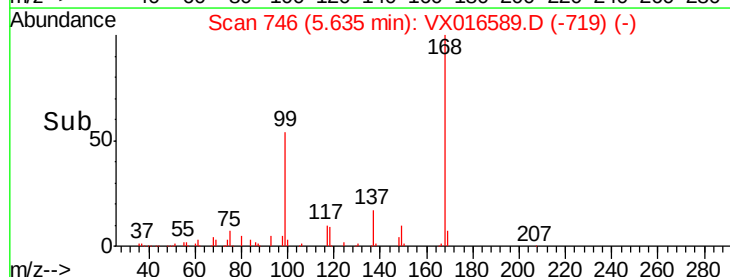
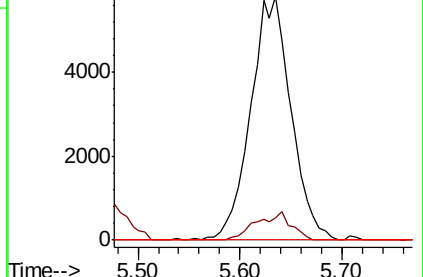
77 0.0 24.2 36.4#

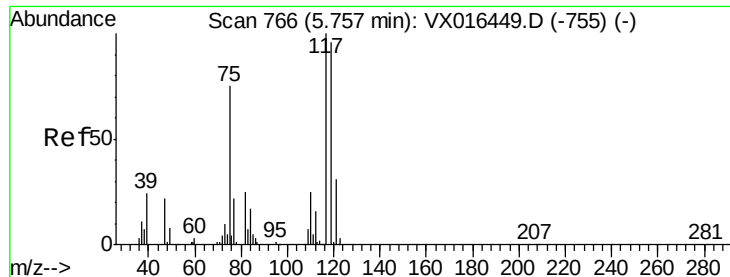


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.993 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016589.D

Acq: 04 Jun 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

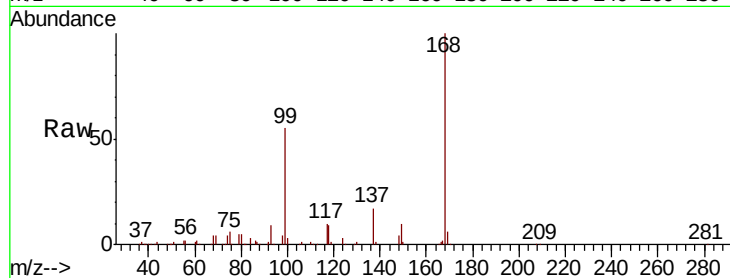
Tot Ion:117 Resp: 22071

Ion Ratio Lower Upper

117 100

119 6.5 76.3 114.5#

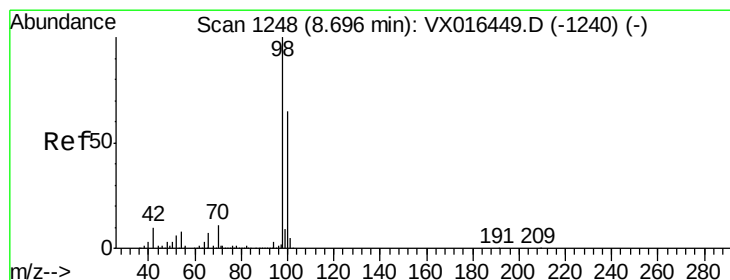
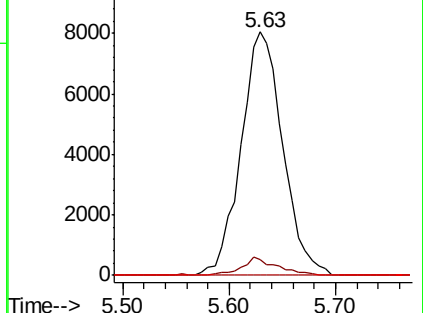
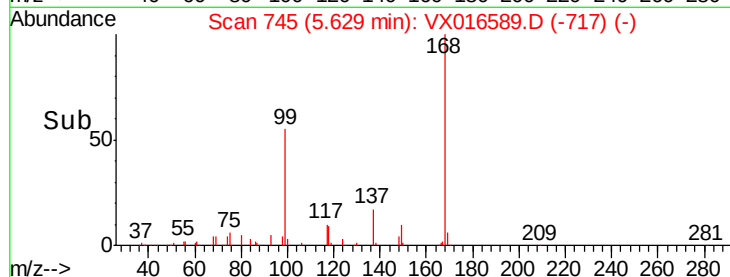
121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 51.917 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016589.D

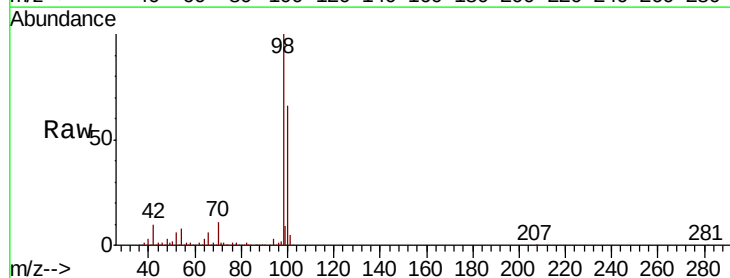
Acq: 04 Jun 2020 18:16

Tgt Ion: 98 Resp: 460497

Ion Ratio Lower Upper

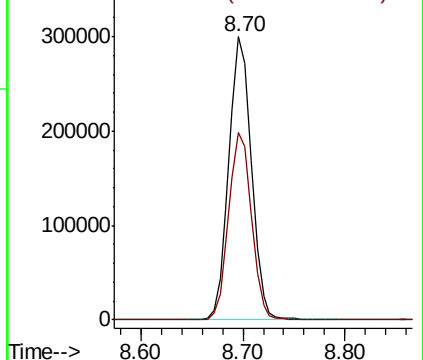
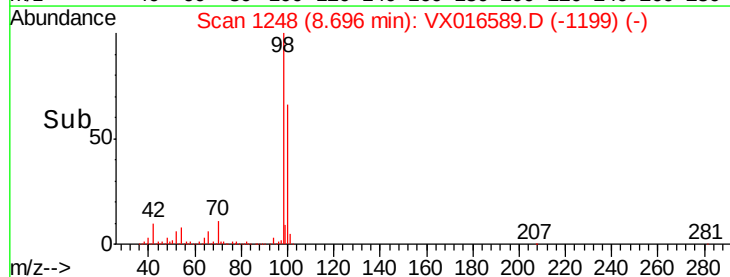
98 100

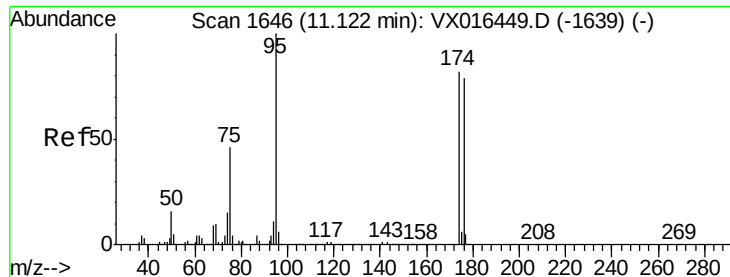
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

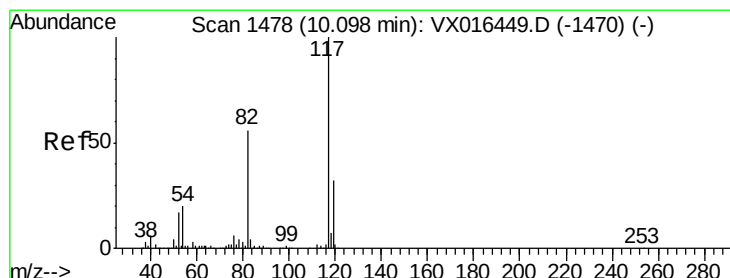
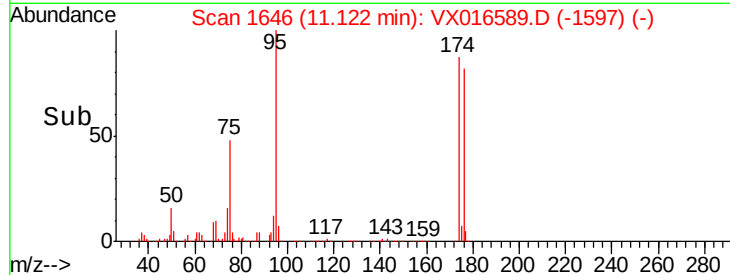
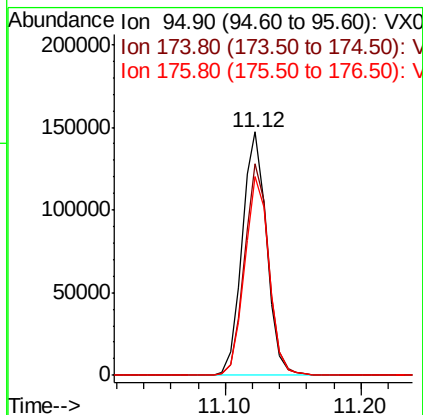
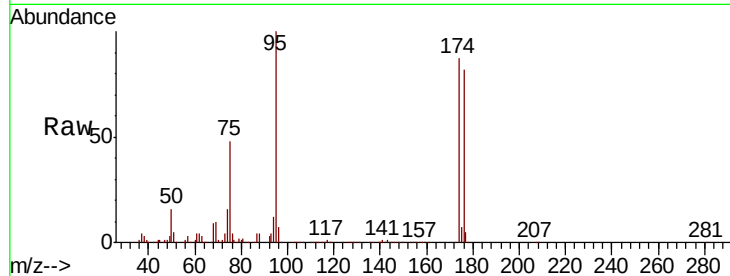




#62
4-Bromofluorobenzene
Concen: 53.798 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

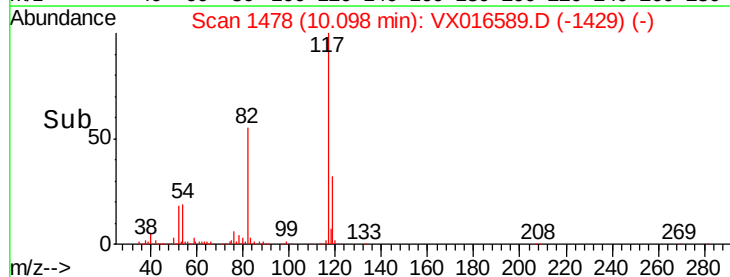
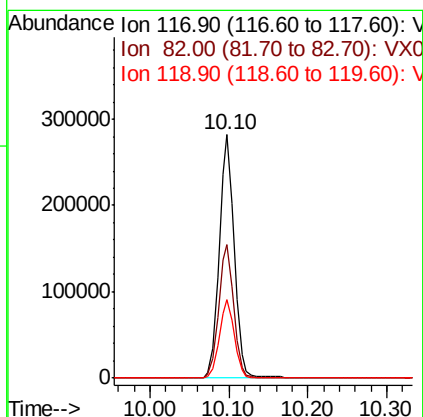
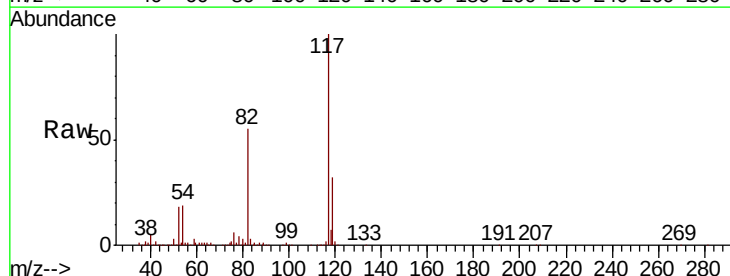
Instrument :
MSVOA_X
ClientSampleId :

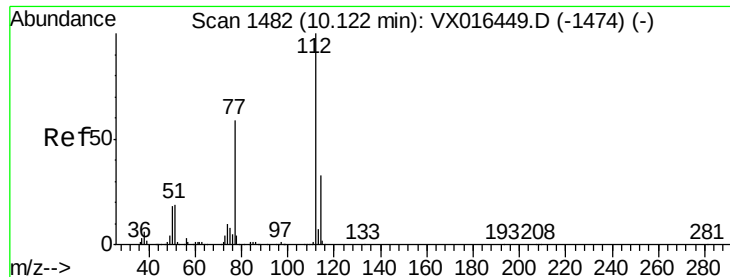
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	163.0
176	81.9	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.6
119	32.3	25.8	38.8

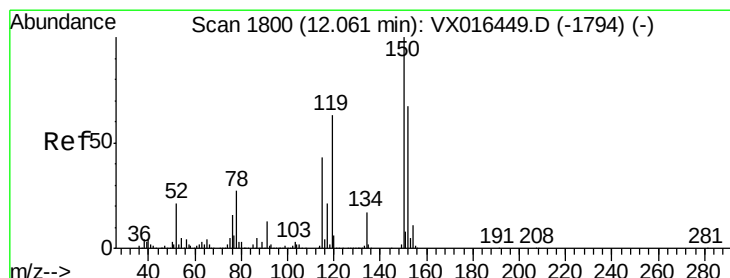
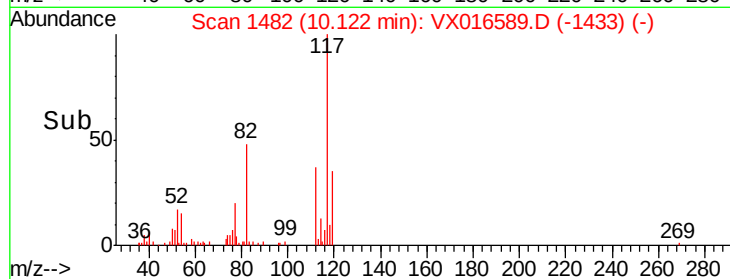
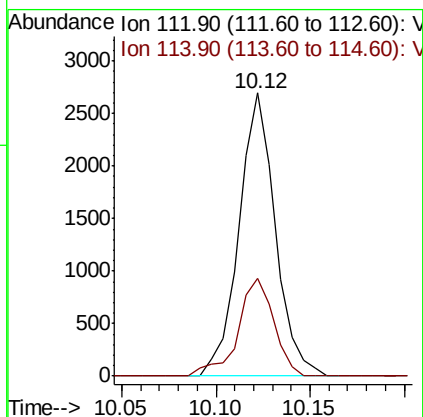
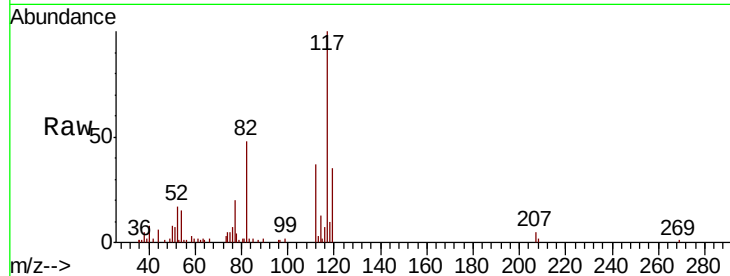




#65
Chlorobenzene
Concen: 0.471 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

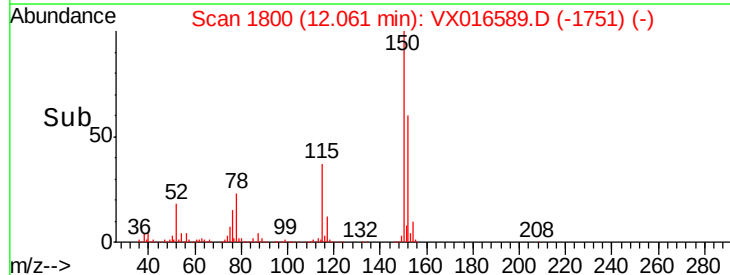
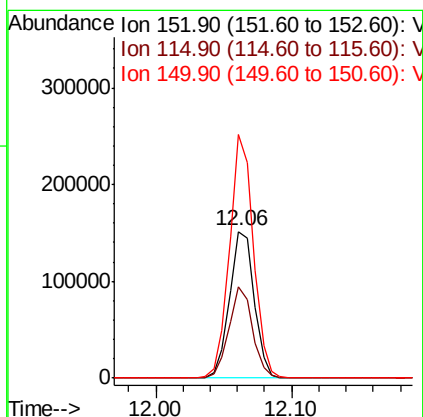
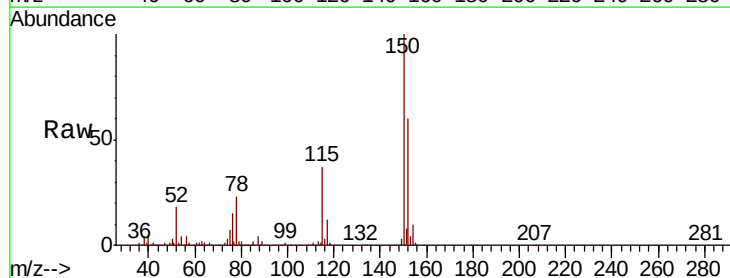
Instrument :
MSVOA_X
ClientSampleId :

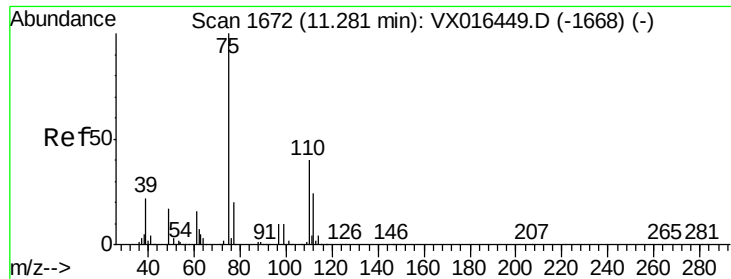
Tot Ion:112 Resp: 3597
Ion Ratio Lower Upper
112 100
114 34.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016589.D
Acq: 04 Jun 2020 18:16

Tgt Ion:152 Resp: 191539
Ion Ratio Lower Upper
152 100
115 59.4 39.9 119.6
150 159.2 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 21.178 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016589.D

Acq: 04 Jun 2020 18:16

Instrument :

MSVOA_X

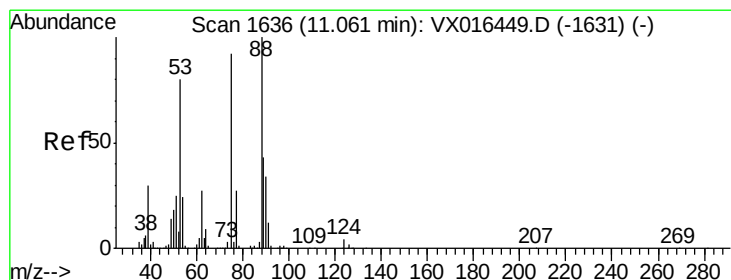
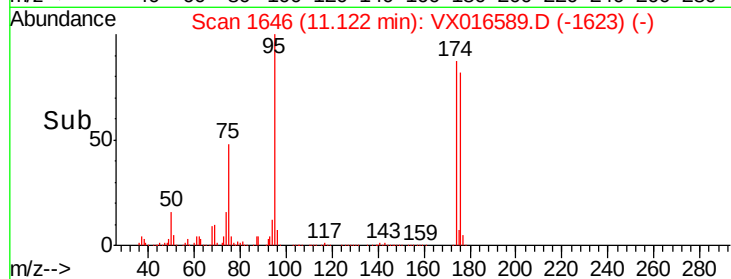
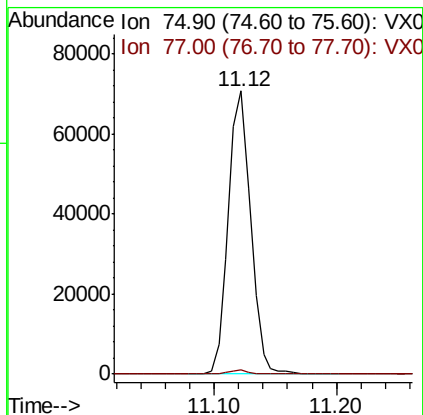
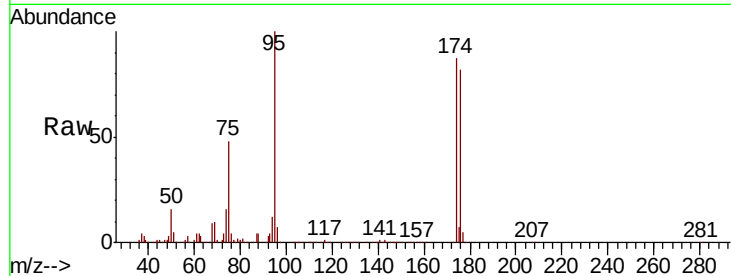
ClientSampled :

Tot Ion: 75 Resp: 89160

Ion Ratio Lower Upper

75 100

77 1.3 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016589.D

Acq: 04 Jun 2020 18:16

Tgt Ion: 75 Resp: 89160

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

