

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016592.D
 Acq On : 04 Jun 2020 19:24
 Operator : JC/SP
 Sample : L2894-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:24:03 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	228292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	367230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184882	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	137134	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	5.47	113	109924	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.70	98	451174	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.12	95	178138	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	

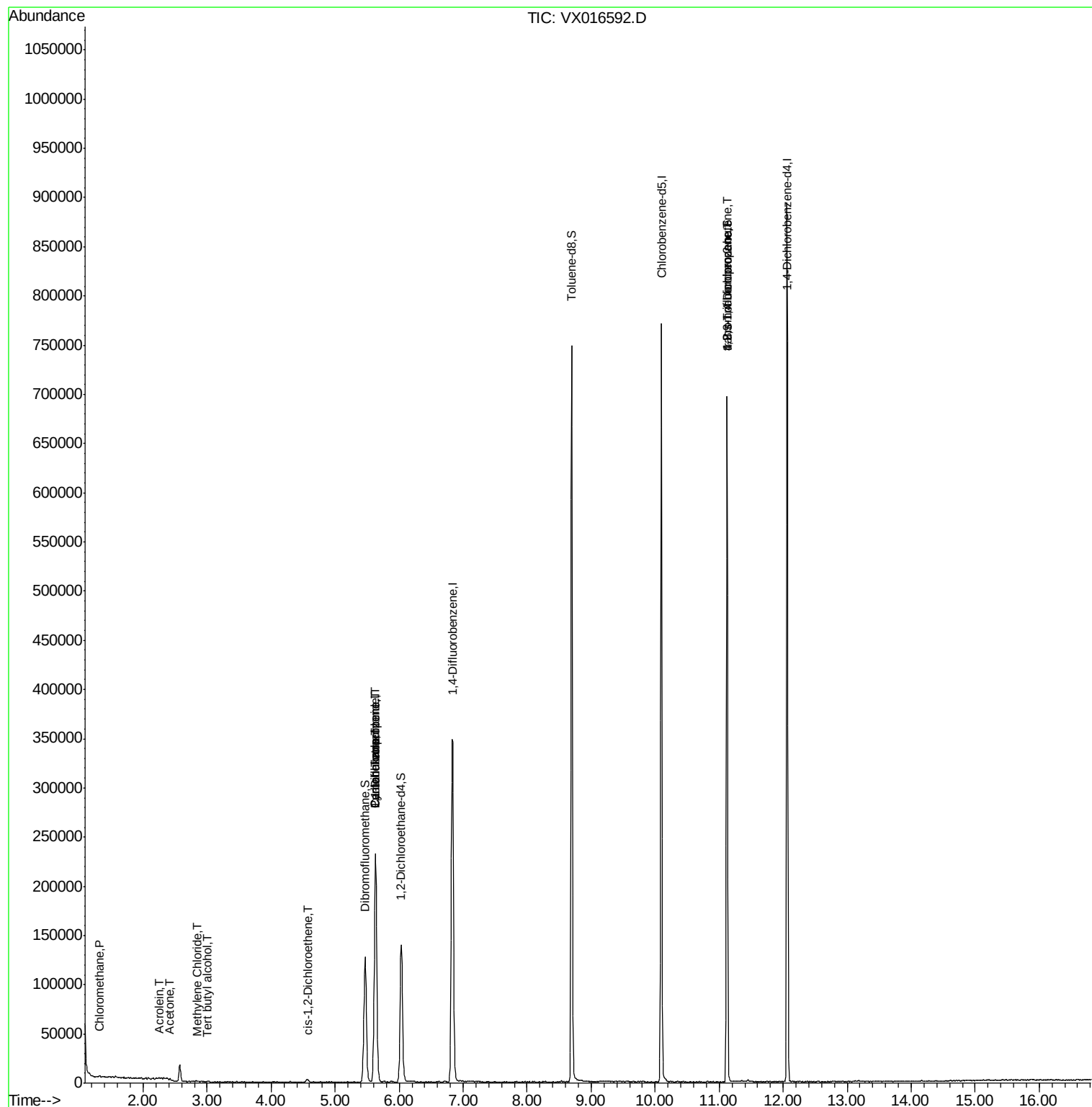
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	842	0.310	ug/l	99
11) Tert butyl alcohol	3.00	59	611	0.840	ug/l #	72
13) Acrolein	2.26	56	123	0.398	ug/l #	1
16) Acetone	2.42	43	2964	2.386	ug/l	95
20) Methylene Chloride	2.84	84	521	0.203	ug/l #	67
27) cis-1,2-Dichloroethene	4.56	96	1870	0.665	ug/l	78
31) Cyclohexane	5.63	56	3994	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15815	4.548	ug/l #	50
38) Carbon Tetrachloride	5.64	117	21702	5.939	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	87966	21.646	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	87966	53.246	ug/l #	14

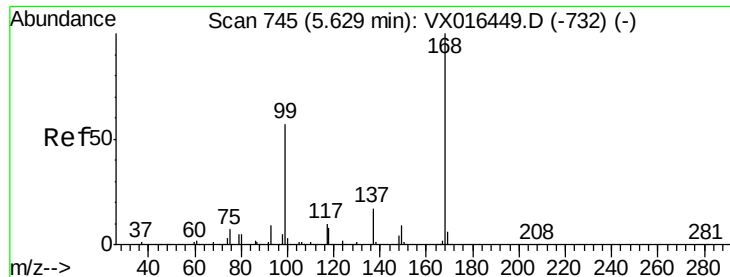
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016592.D

Acq: 04 Jun 2020 19:24

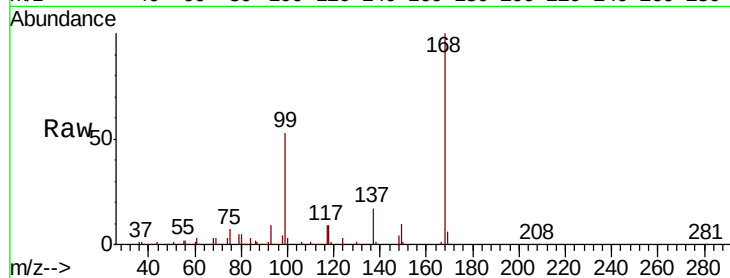
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 228292

Ion Ratio Lower Upper

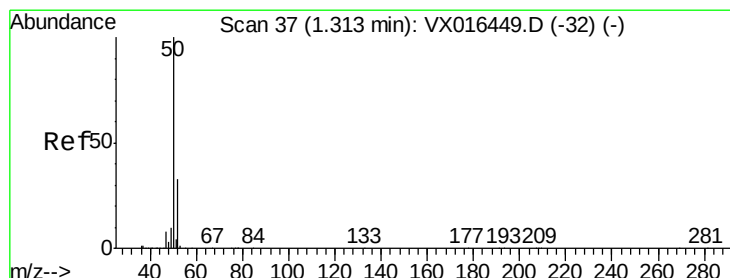
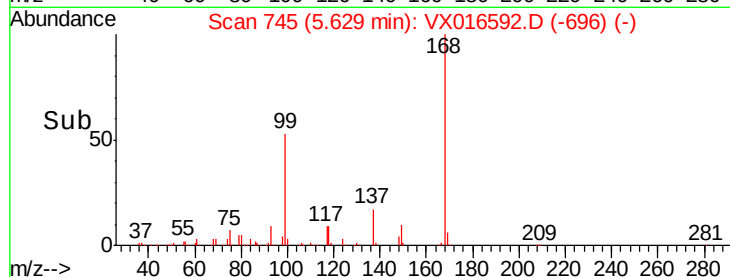
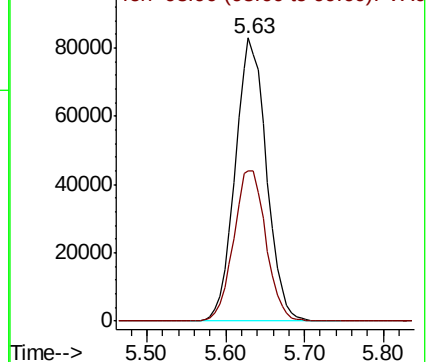
168 100

99 52.9 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: 0.310 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016592.D

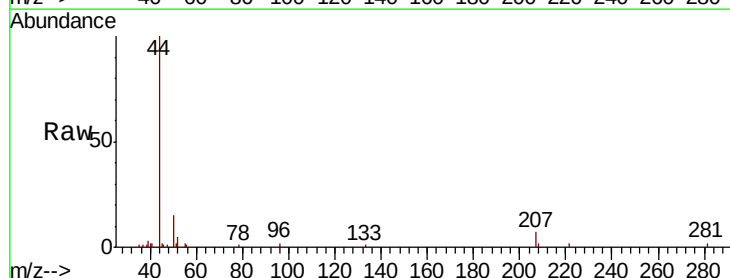
Acq: 04 Jun 2020 19:24

Tgt Ion: 50 Resp: 842

Ion Ratio Lower Upper

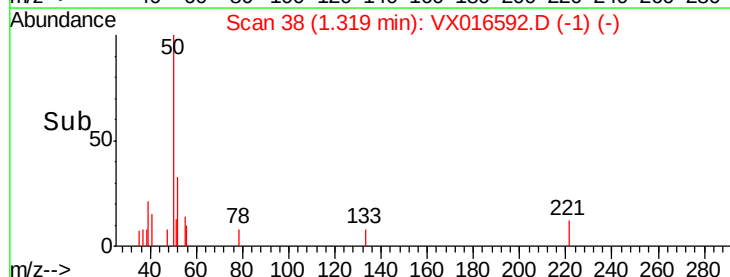
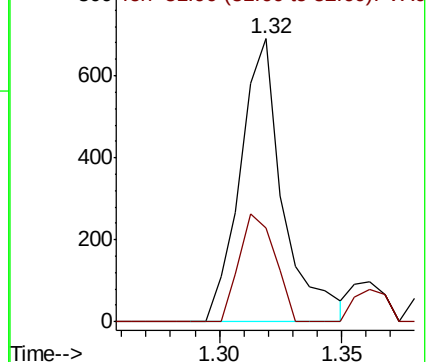
50 100

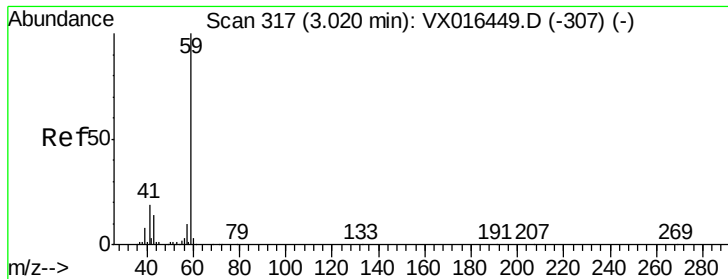
52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



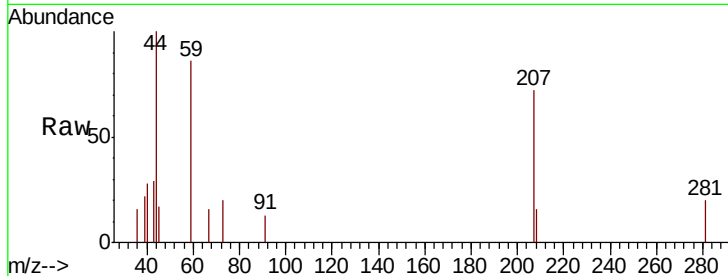


#11

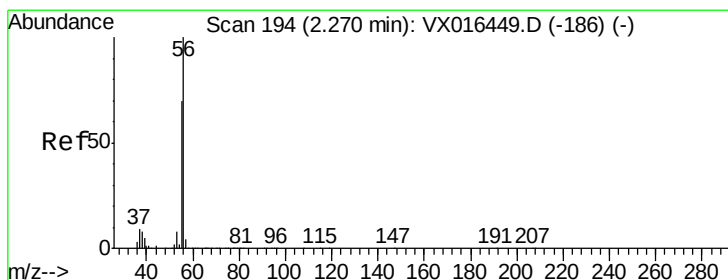
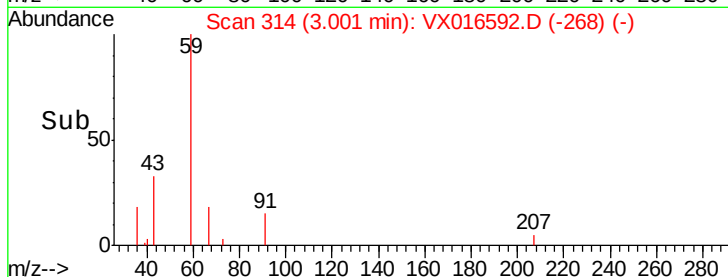
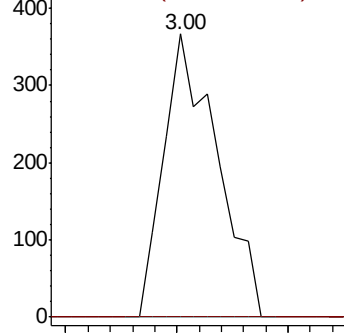
Tert butyl alcohol
 Concen: 0.840 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016592.D
 Acq: 04 Jun 2020 19:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 59 Resp: 611
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#



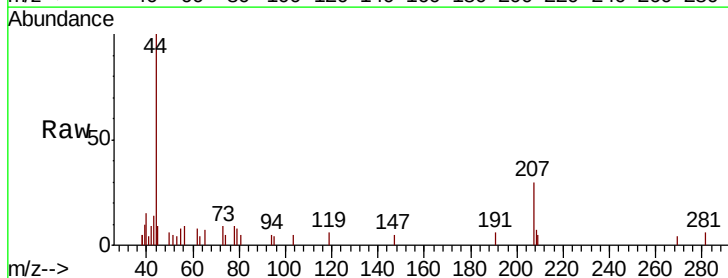
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



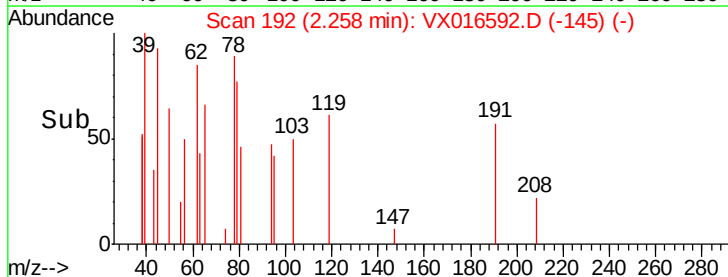
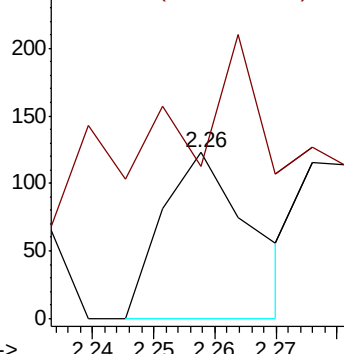
#13

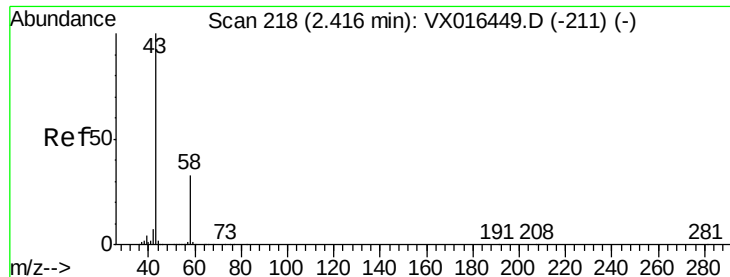
Acrolein
 Concen: 0.398 ug/l
 RT: 2.26 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VX016592.D
 Acq: 04 Jun 2020 19:24

Tgt Ion: 56 Resp: 123
 Ion Ratio Lower Upper
 56 100
 55 318.7 58.3 87.5#



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

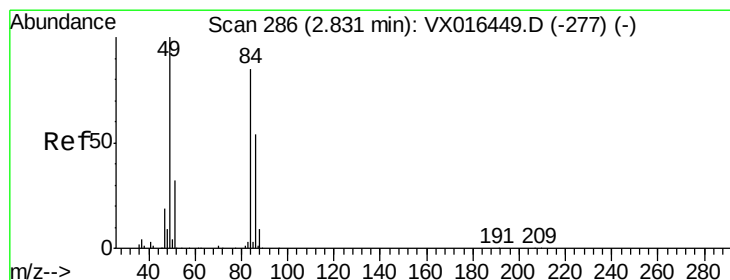
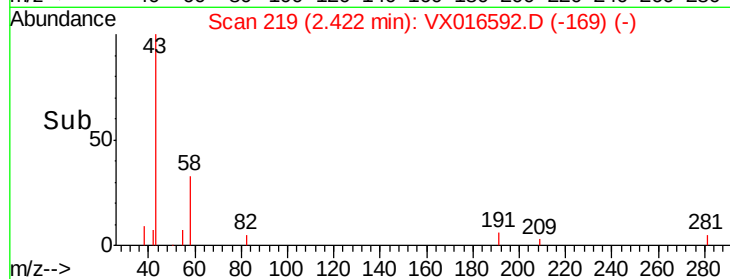
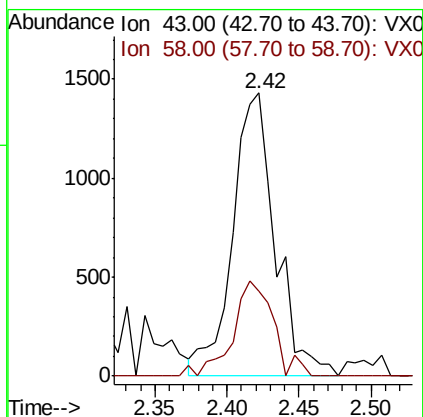
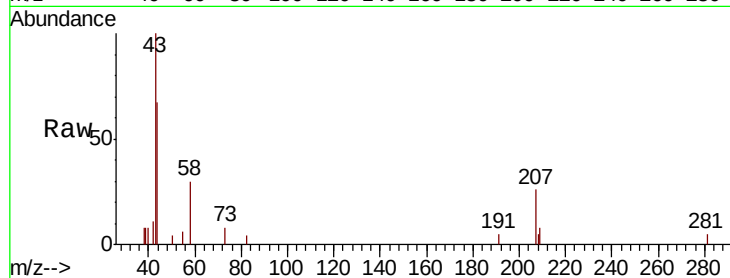




#16
Acetone
Concen: 2.386 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016592.D
Acq: 04 Jun 2020 19:24

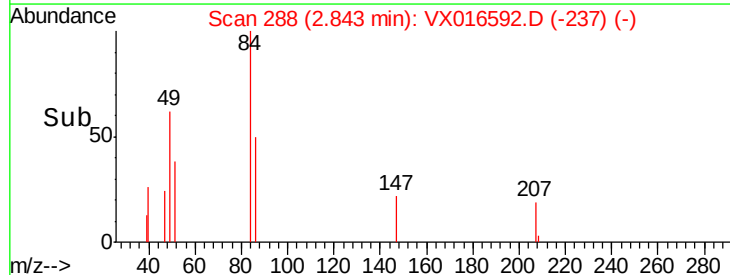
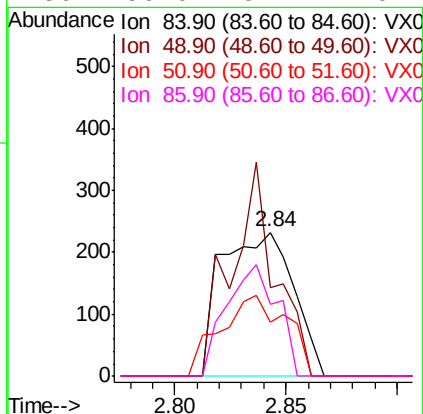
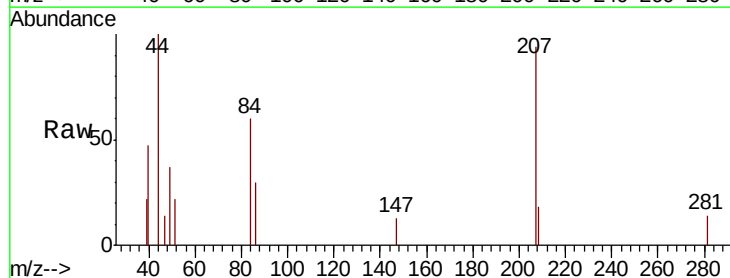
Instrument :
MSVOA_X
ClientSampleId :

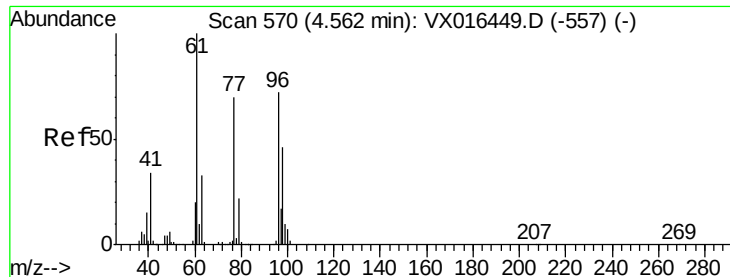
Tot Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
58 29.9 26.1 39.1



#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016592.D
Acq: 04 Jun 2020 19:24

Tgt Ion: 84 Resp: 521
Ion Ratio Lower Upper
84 100
49 61.6 94.5 141.7#
51 37.5 30.2 45.4
86 50.0 51.1 76.7#



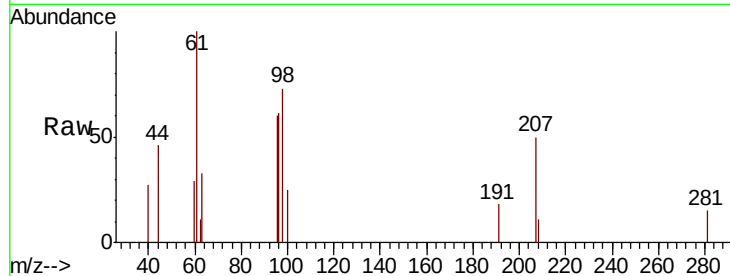


#27

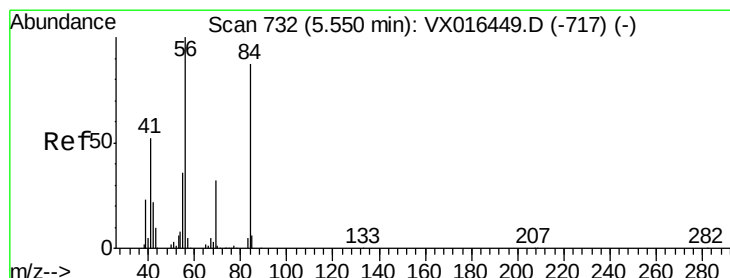
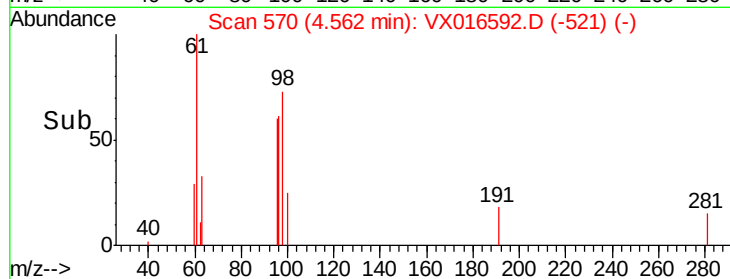
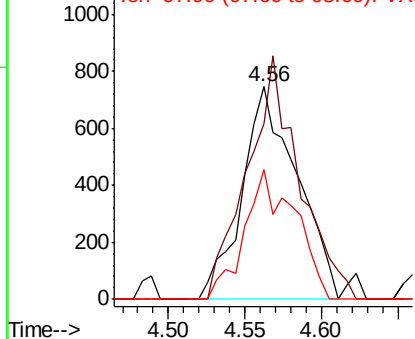
cis-1,2-Dichloroethene
Concen: 0.665 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016592.D
Acq: 04 Jun 2020 19:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 1870
Ion Ratio Lower Upper
96 100
61 108.2 0.0 284.6
98 55.5 0.0 127.2



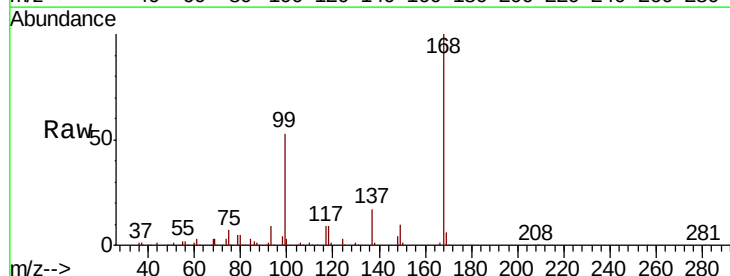
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



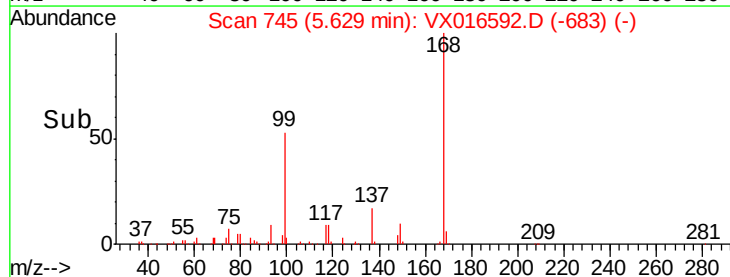
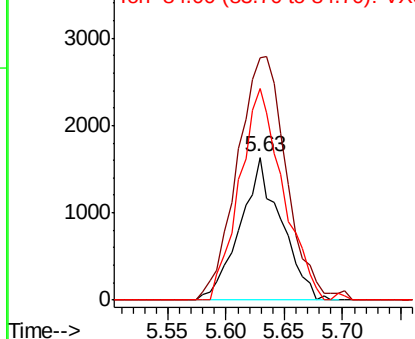
#31

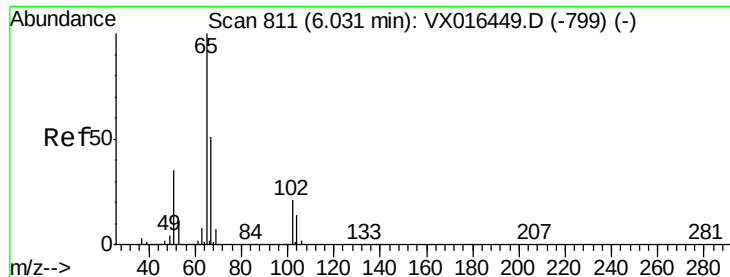
Cyclohexane
Concen: 1.014 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016592.D
Acq: 04 Jun 2020 19:24

Tgt Ion: 56 Resp: 3994
Ion Ratio Lower Upper
56 100
69 169.9 25.7 38.5#
84 148.3 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

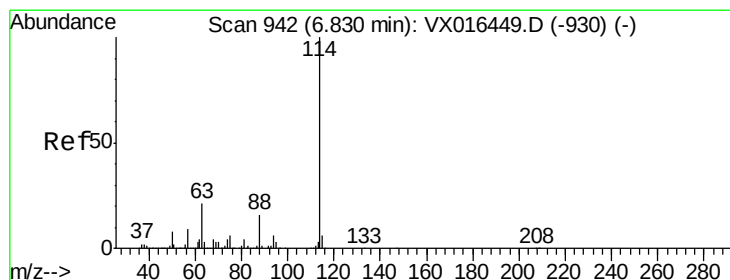
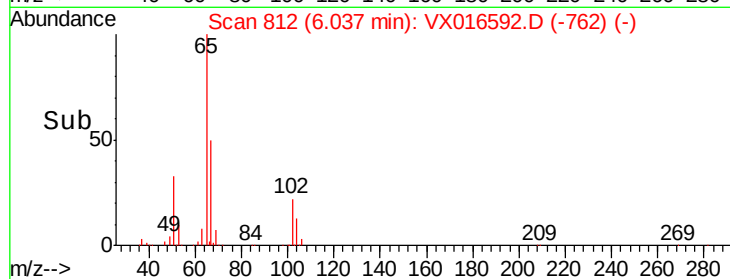
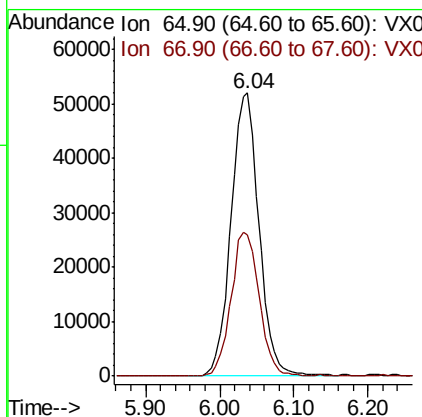
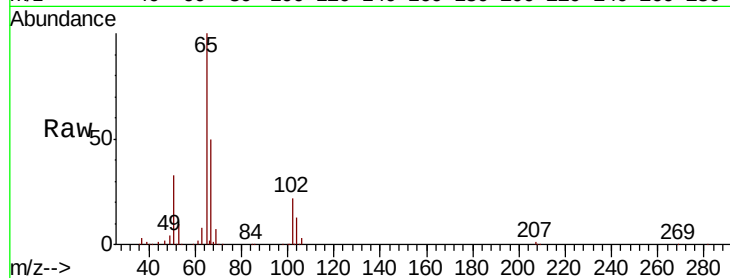




#33
 1,2-Dichloroethane-d4
 Concen: 48.370 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016592.D
 Acq: 04 Jun 2020 19:24

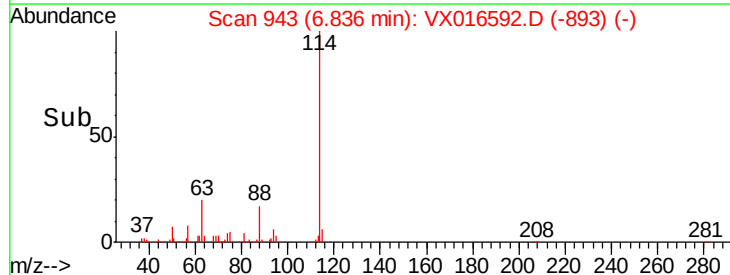
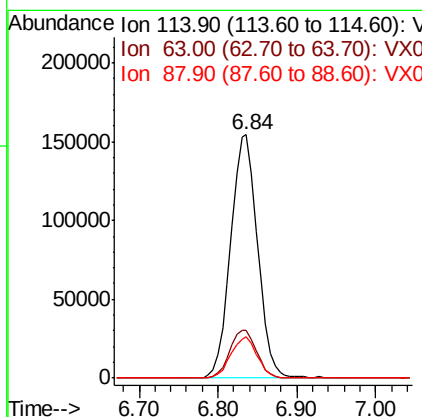
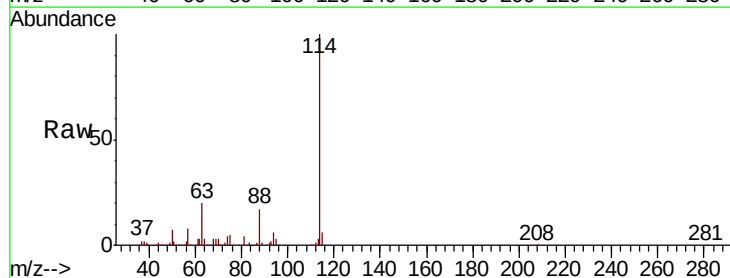
Instrument :
 MSVOA_X
 ClientSampleId :

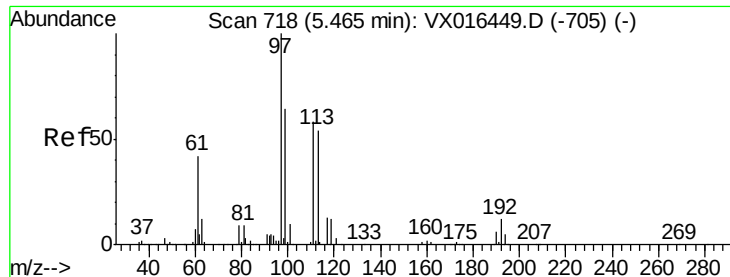
Tot Ion: 65 Resp: 137134
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016592.D
 Acq: 04 Jun 2020 19:24

Tgt Ion: 114 Resp: 367230
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.6
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.613 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

Instrument :

MSVOA_X

ClientSampled :

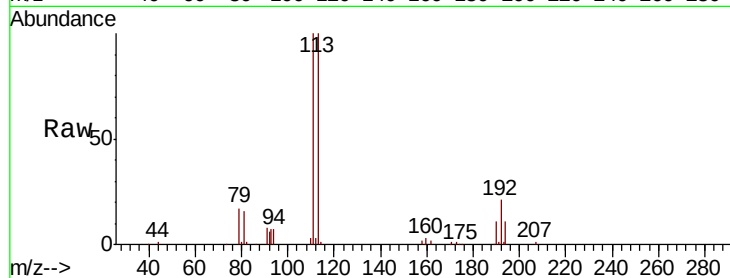
Tot Ion:113 Resp: 109924

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

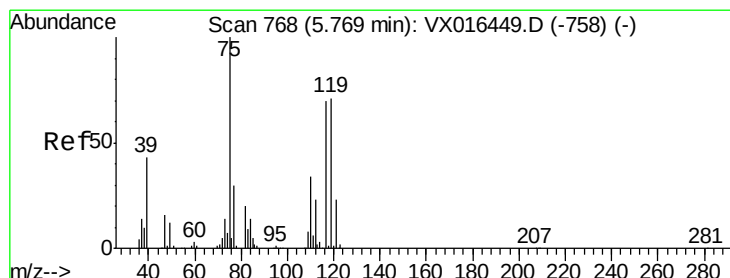
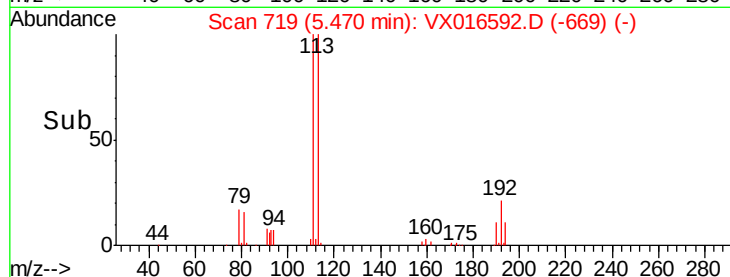
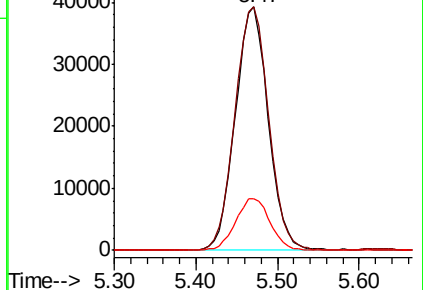
192 22.2 17.7 26.5



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: 4.548 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

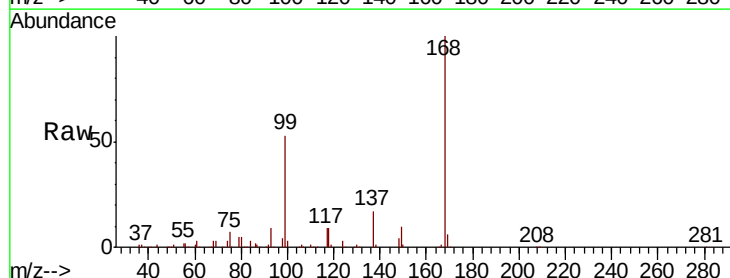
Tgt Ion: 75 Resp: 15815

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.3#

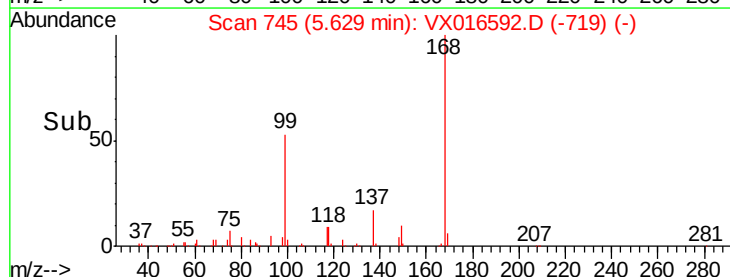
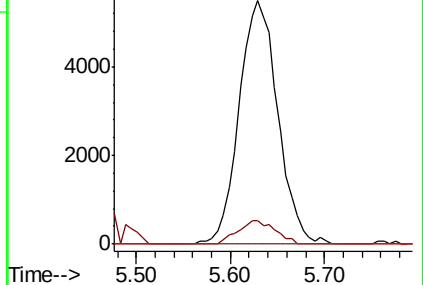
77 0.0 24.2 36.4#

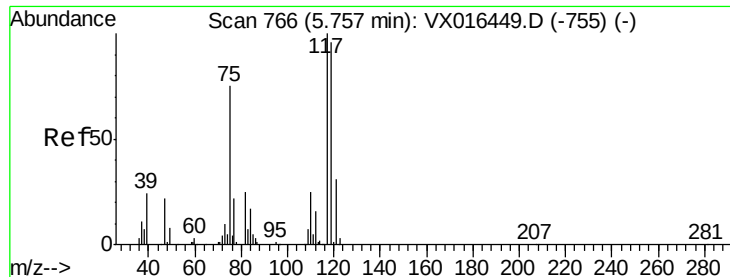


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.939 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

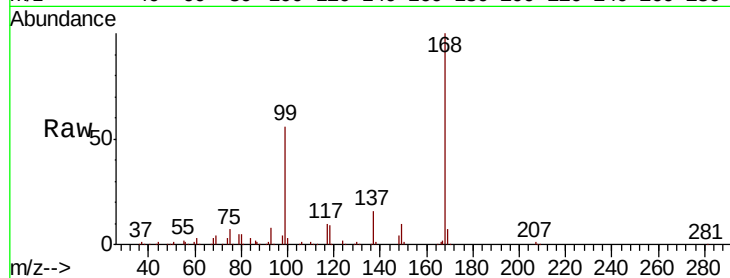
Tot Ion:117 Resp: 21702

Ion Ratio Lower Upper

117 100

119 4.3 76.3 114.5#

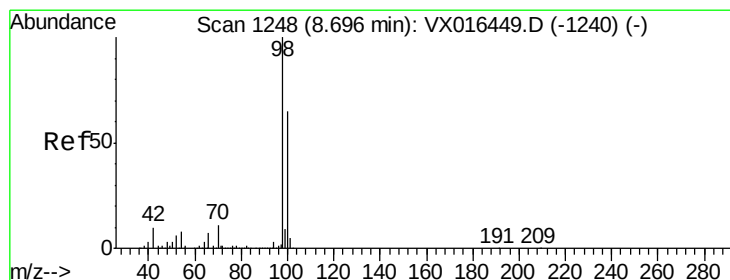
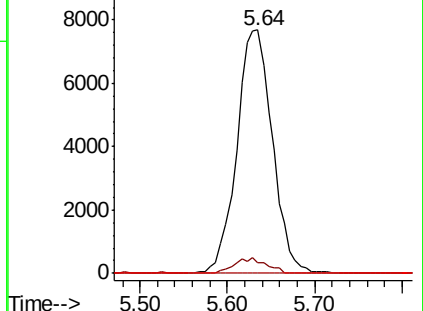
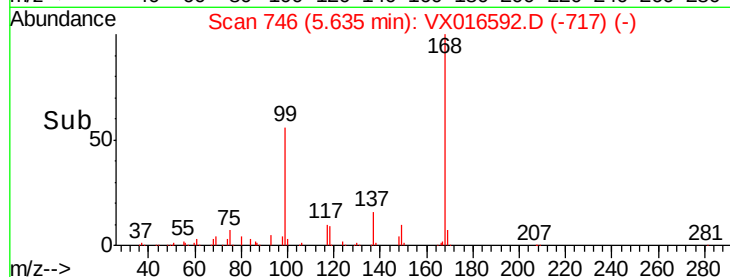
121 0.0 24.6 37.0#



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: 51.263 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016592.D

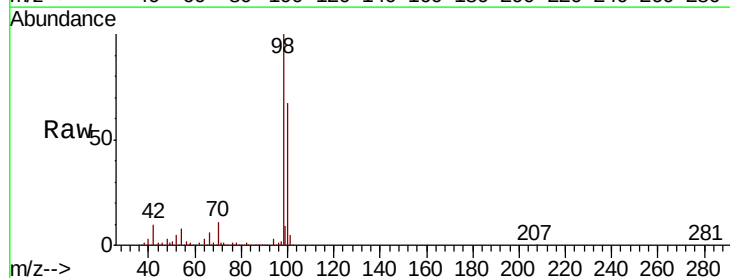
Acq: 04 Jun 2020 19:24

Tgt Ion: 98 Resp: 451174

Ion Ratio Lower Upper

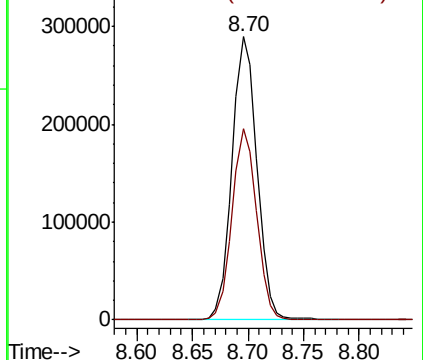
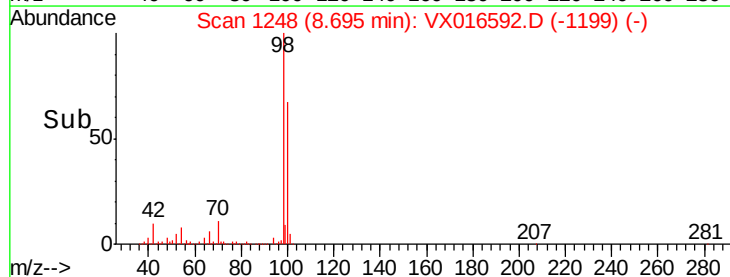
98 100

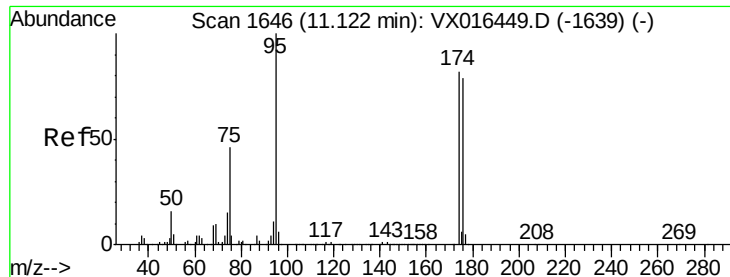
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.382 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

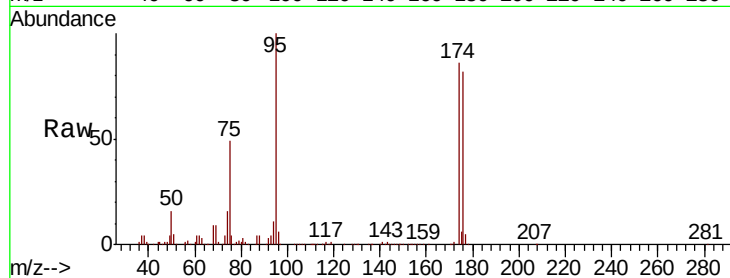
Tot Ion: 95 Resp: 178138

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

176 80.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)

11.12

150000

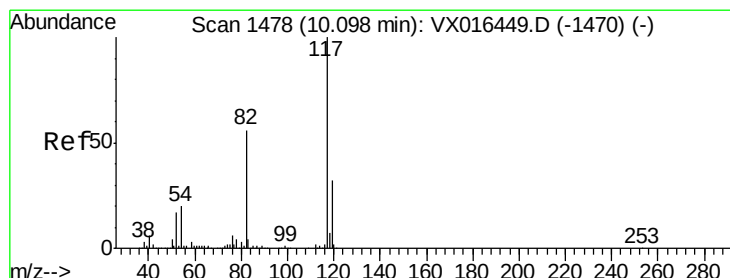
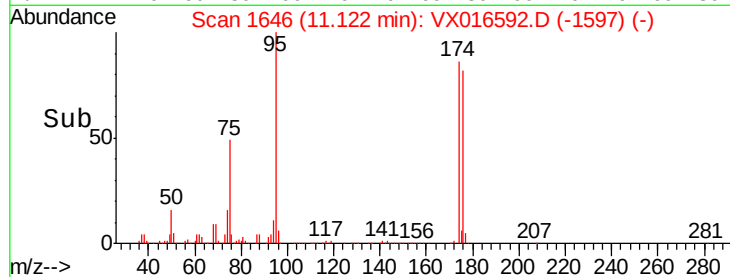
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

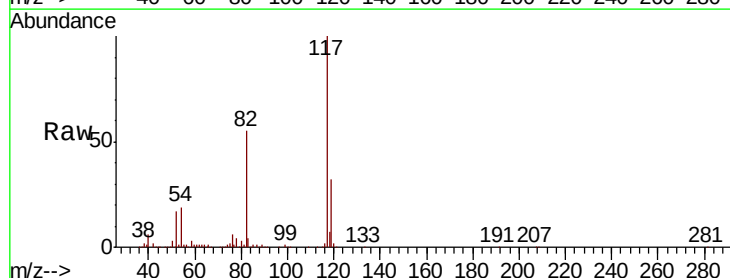
Tgt Ion: 117 Resp: 361624

Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.6

119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)

10.10

300000

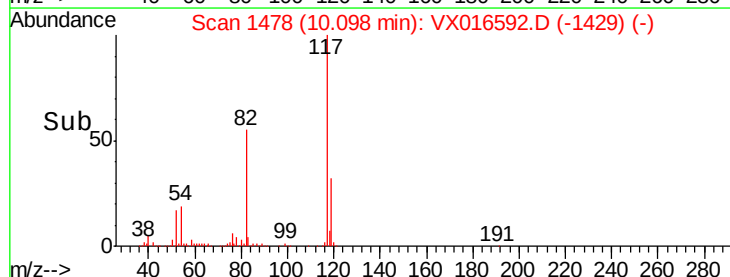
200000

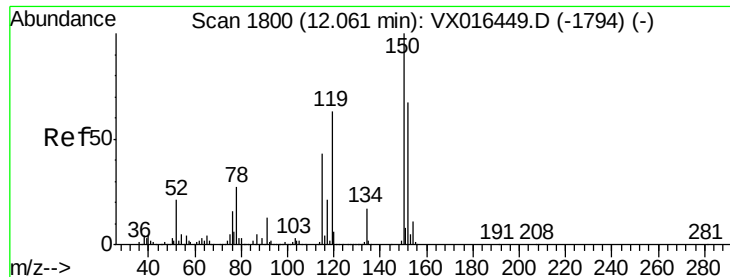
100000

0

10.00 10.10 10.20 10.30

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016592.D

Acq: 04 Jun 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

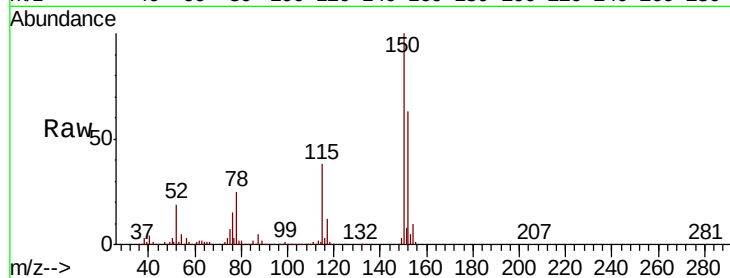
Tot Ion:152 Resp: 184882

Ion Ratio Lower Upper

152 100

115 58.3 39.9 119.6

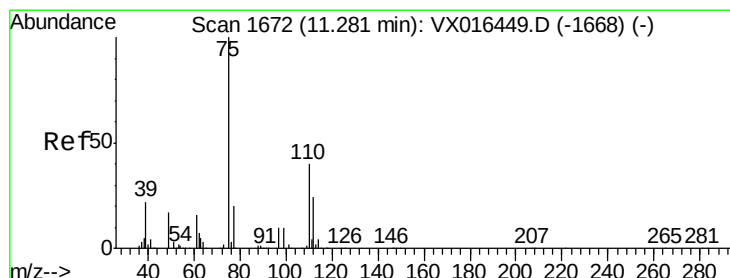
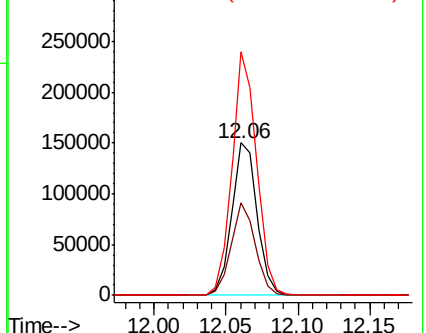
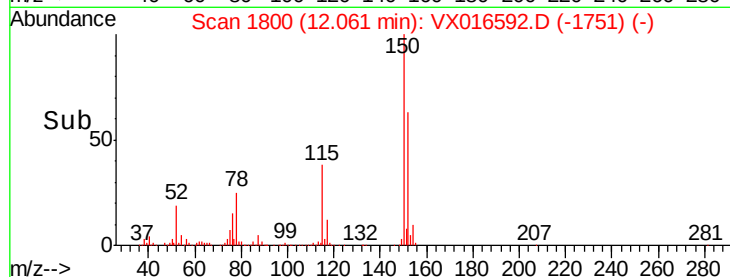
150 155.4 0.0 341.0



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: 21.646 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016592.D

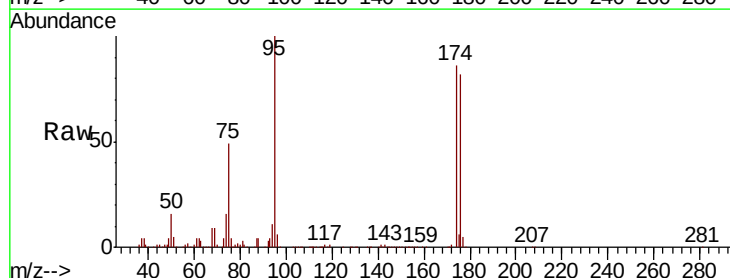
Acq: 04 Jun 2020 19:24

Tgt Ion: 75 Resp: 87966

Ion Ratio Lower Upper

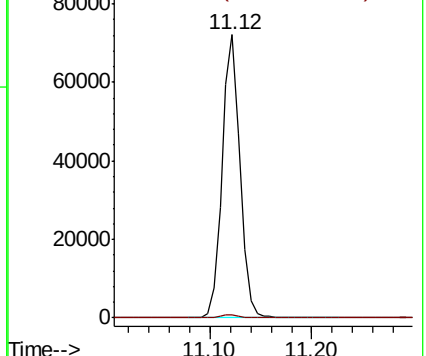
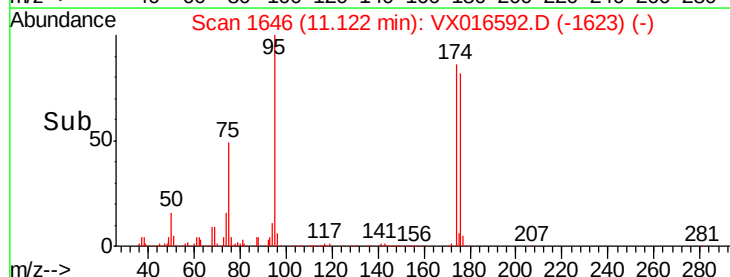
75 100

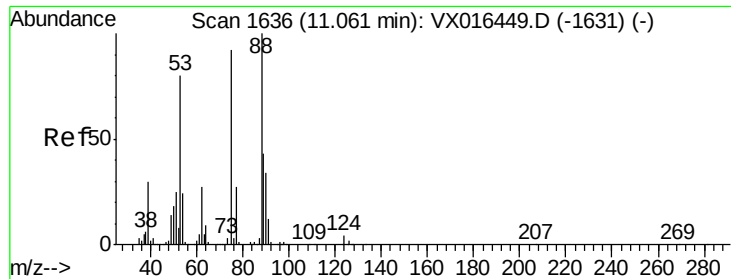
77 1.2 21.3 63.7#



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: 53.246 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016592.D
 Acq: 04 Jun 2020 19:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 87966
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#

