

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016824.D
 Acq On : 17 Jun 2020 18:06
 Operator : JC/SP
 Sample : L3032-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB11-200615

Quant Time: Jun 18 00:46:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

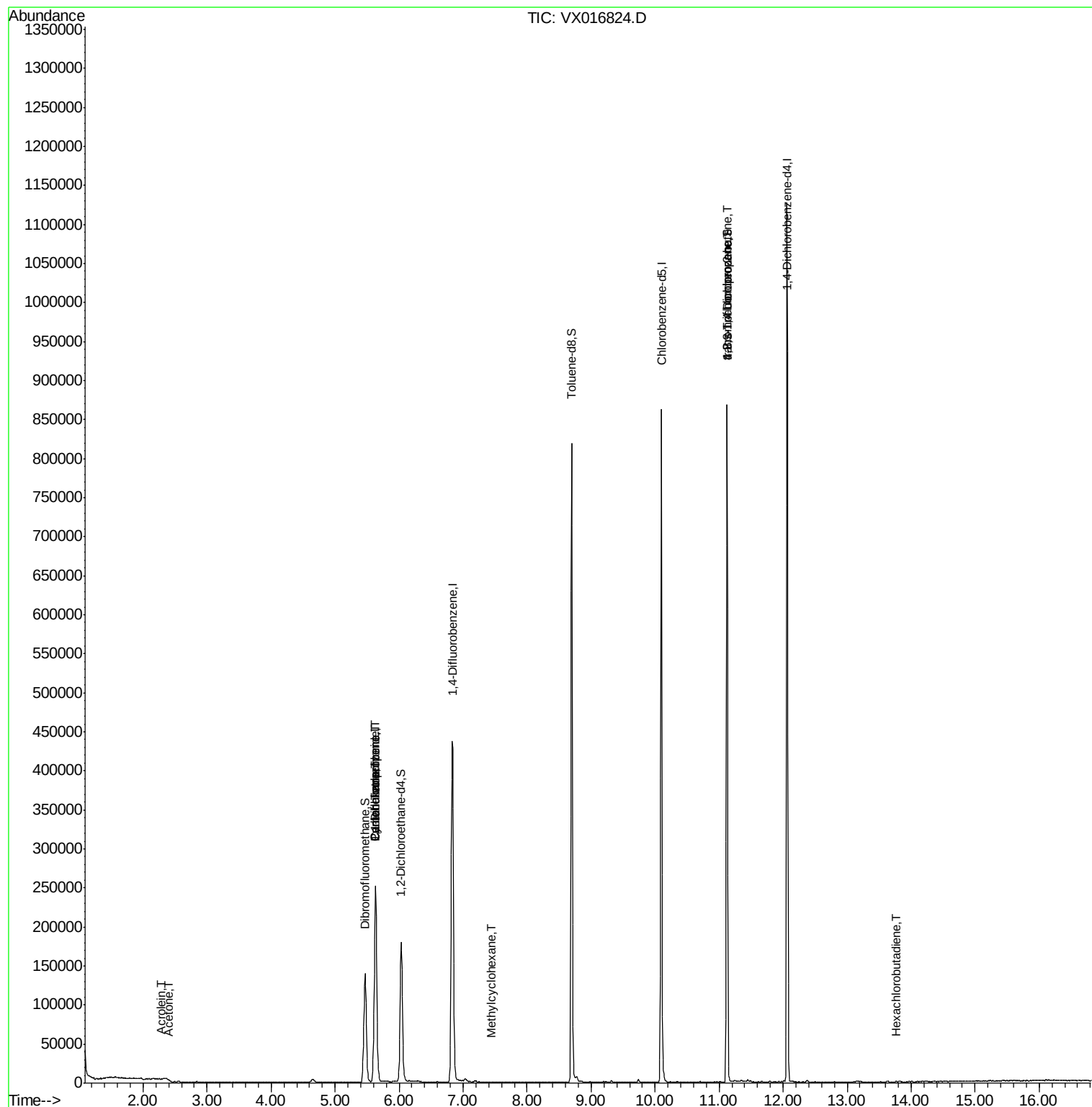
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	460120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165672	57.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.48%	
35) Dibromofluoromethane	5.47	113	121589	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
50) Toluene-d8	8.70	98	489158	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
62) 4-Bromofluorobenzene	11.12	95	225743	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.76%	
Target Compounds						
					Qvalue	
13) Acrolein	2.27	56	355	3.452	ug/l	91
16) Acetone	2.41	43	557	0.428	ug/l #	84
31) Cyclohexane	5.63	56	4447	1.884	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	16550	4.070	ug/l #	51
38) Carbon Tetrachloride	5.63	117	23482	5.085	ug/l #	17
39) Methylcyclohexane	7.43	83	124	0.979	ug/l #	50
76) 1,2,3-Trichloropropane	11.12	75	107338	21.540	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	107338	54.225	ug/l #	13
94) Hexachlorobutadiene	13.76	225	213	0.506	ug/l #	74

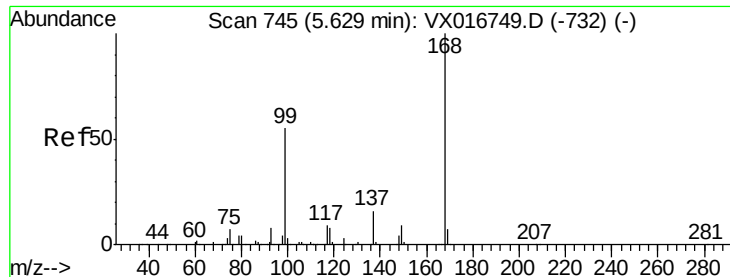
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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Quant Time: Jun 18 00:46:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 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: VX016824.D

Acq: 17 Jun 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

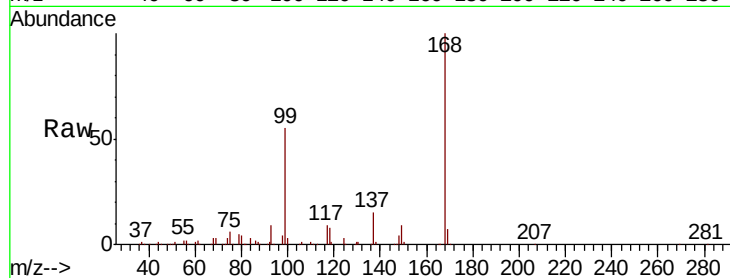
Z1-TB11-200615

Tot Ion:168 Resp: 255052

Ion Ratio Lower Upper

168 100

99 55.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

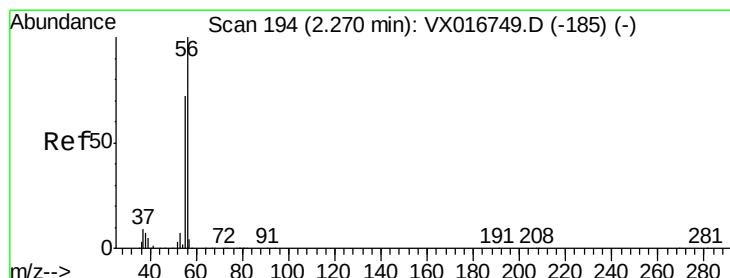
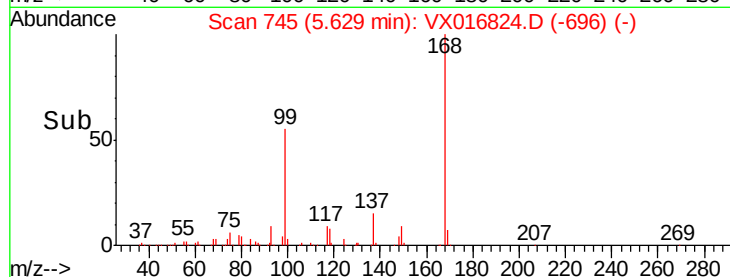
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 3.452 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016824.D

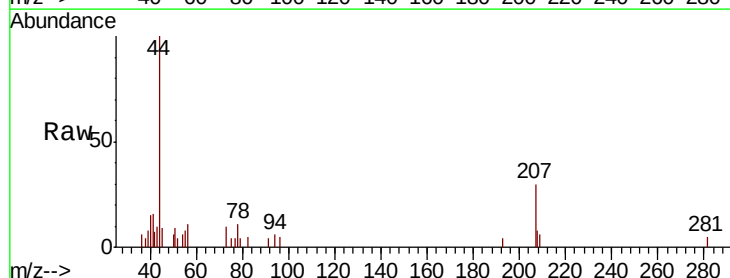
Acq: 17 Jun 2020 18:06

Tgt Ion: 56 Resp: 355

Ion Ratio Lower Upper

56 100

55 65.6 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

200

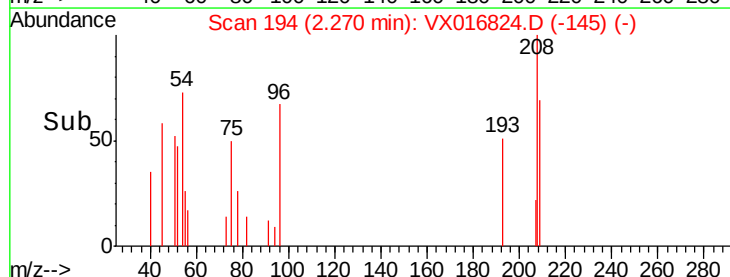
150

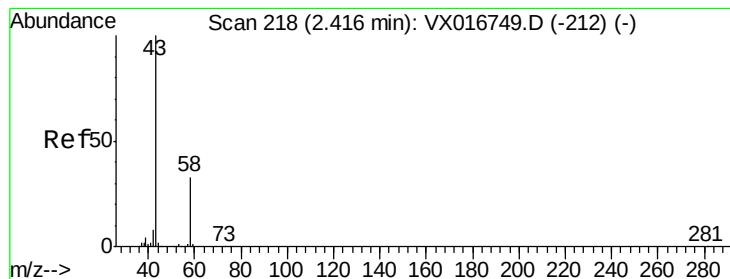
100

50

0

Time-->





#16

Acetone

Concen: 0.428 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016824.D

Acq: 17 Jun 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

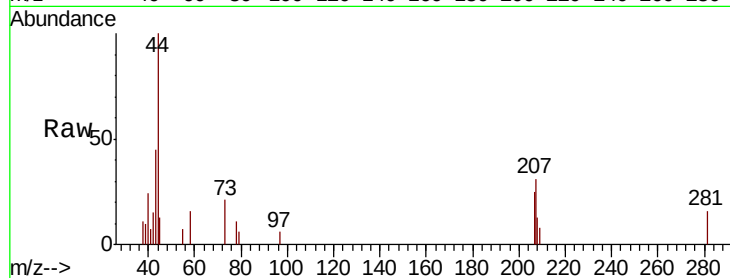
Z1-TB11-200615

Tot Ion: 43 Resp: 557

Ion Ratio Lower Upper

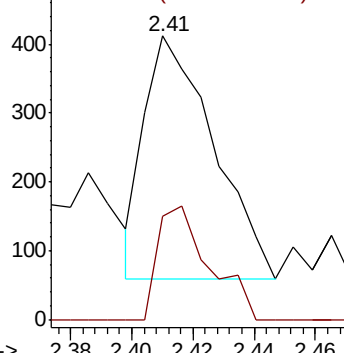
43 100

58 42.1 26.3 39.5#

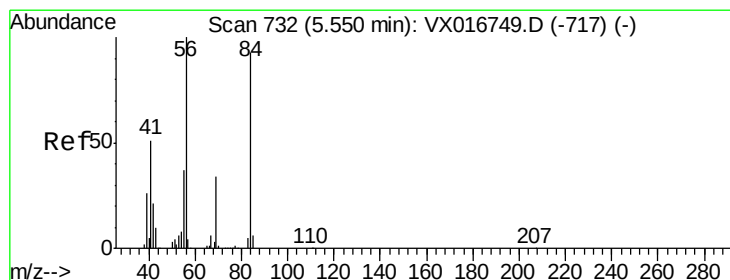
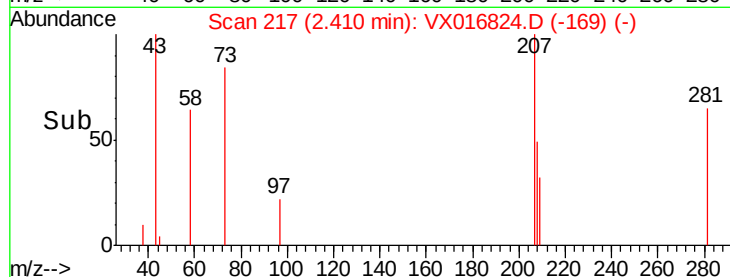


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.884 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016824.D

Acq: 17 Jun 2020 18:06

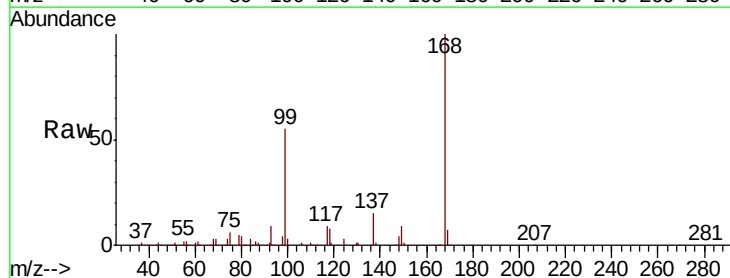
Tgt Ion: 56 Resp: 4447

Ion Ratio Lower Upper

56 100

69 176.4 27.1 40.7#

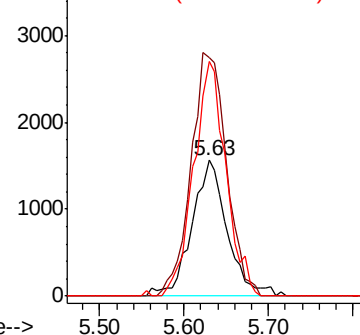
84 173.3 74.0 111.0#



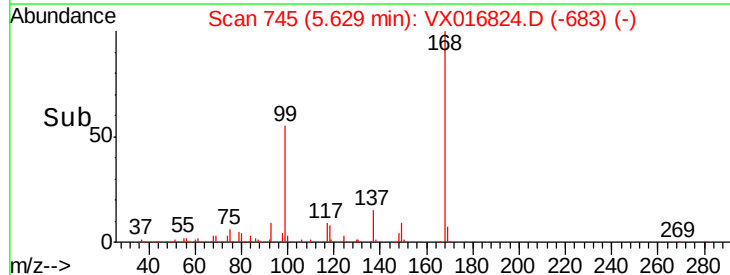
Abundance Ion 56.00 (55.70 to 56.70): VX0

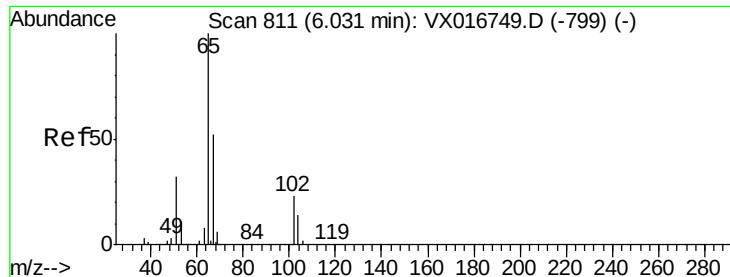
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->

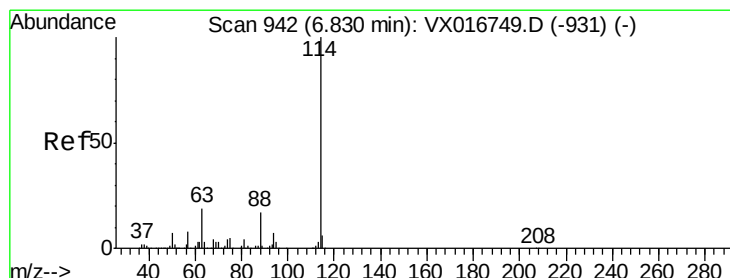
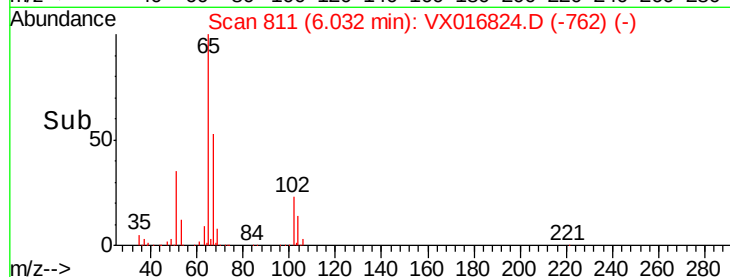
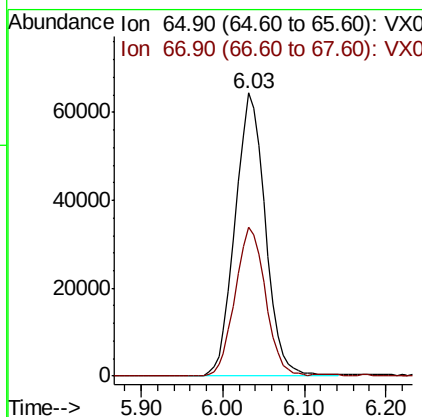
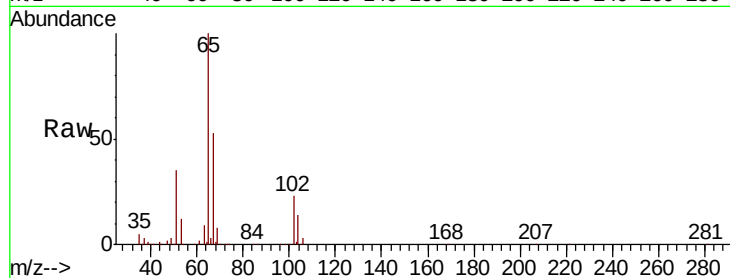




#33
 1,2-Dichloroethane-d4
 Concen: 57.743 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

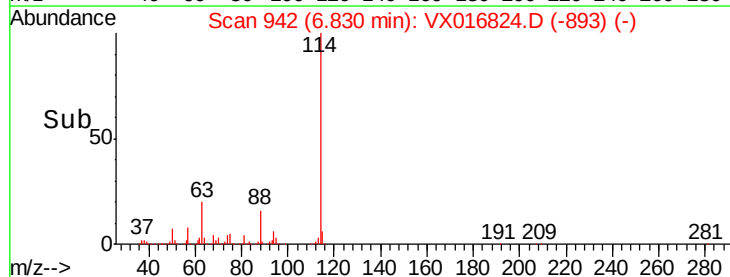
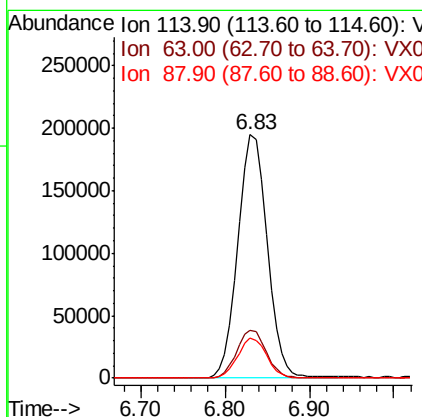
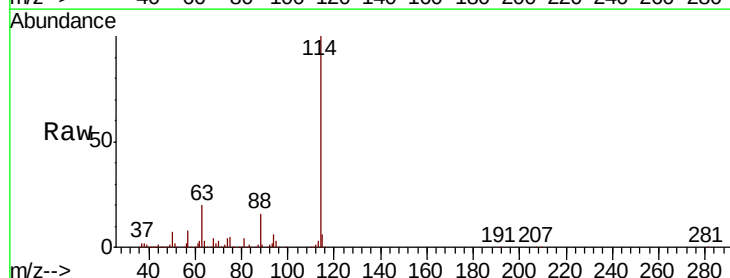
Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB11-200615

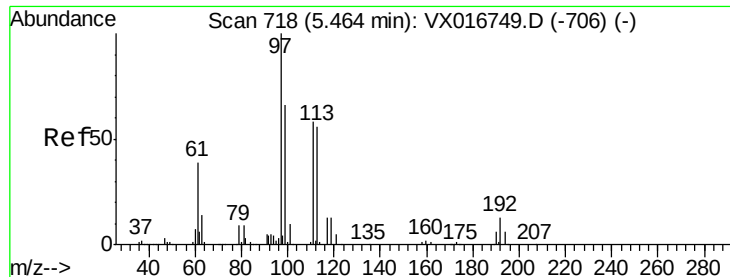
Tot Ion: 65 Resp: 165672
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

Tgt Ion: 114 Resp: 460120
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 16.3 0.0 33.4

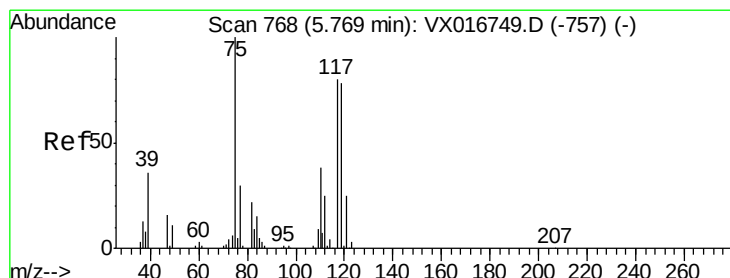
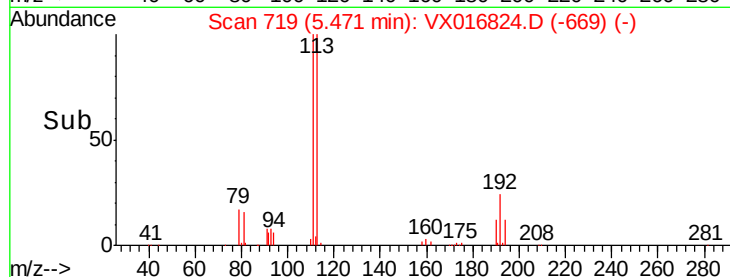
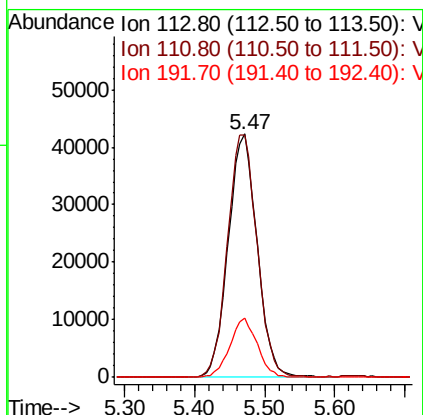
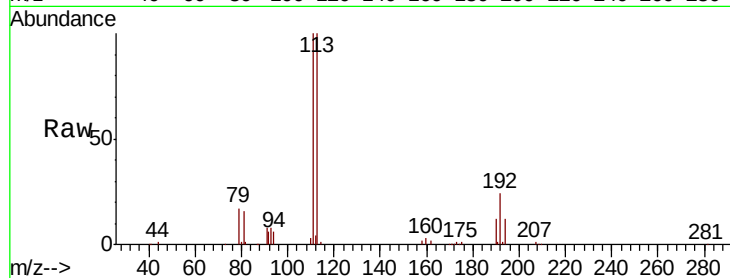




#35
 Dibromofluoromethane
 Concen: 42.830 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

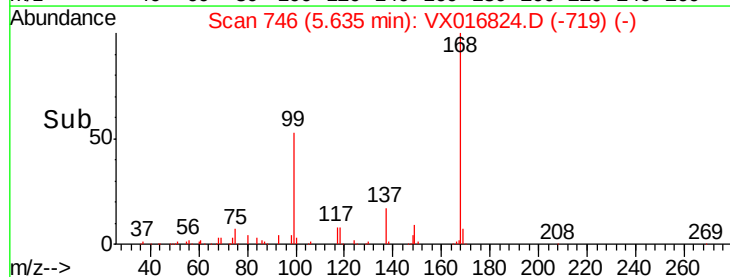
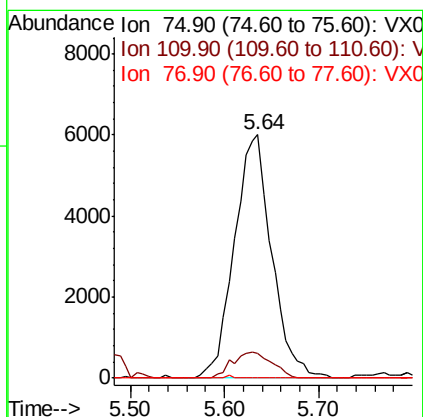
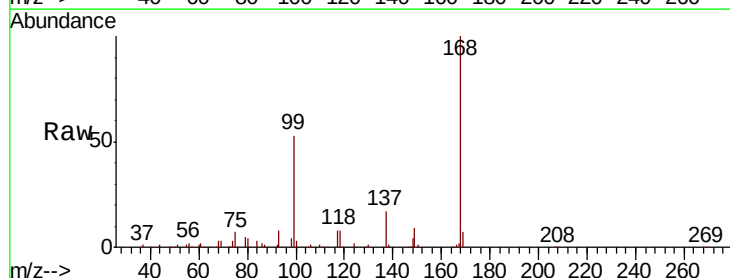
Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB11-200615

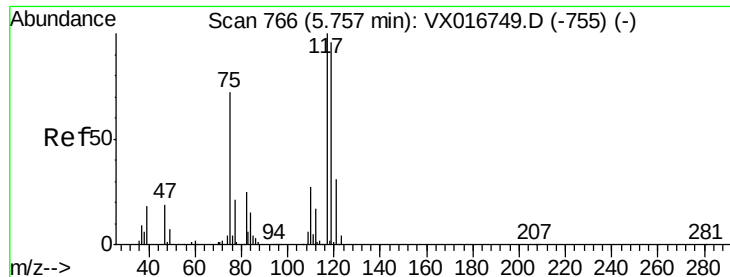
Tot Ion:113 Resp: 121589
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 23.0 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.070 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

Tgt Ion: 75 Resp: 16550
 Ion Ratio Lower Upper
 75 100
 110 11.4 18.4 55.2#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.085 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016824.D

Acq: 17 Jun 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB11-200615

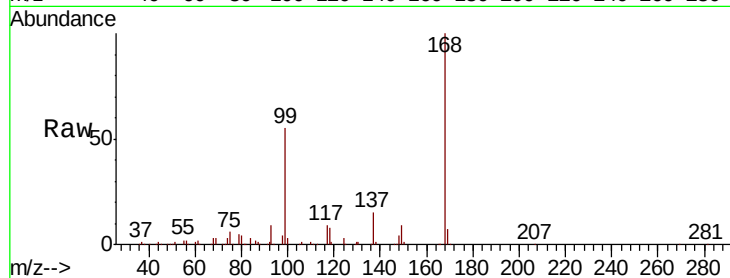
Tot Ion:117 Resp: 23482

Ion Ratio Lower Upper

117 100

119 6.3 76.7 115.1#

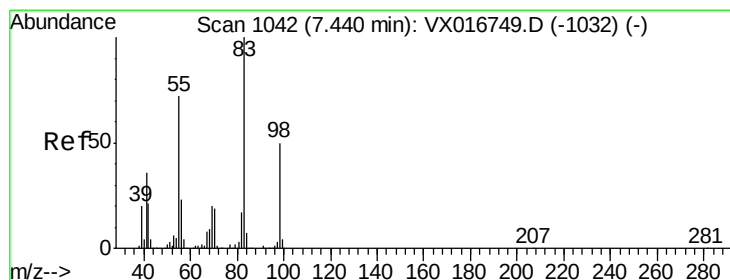
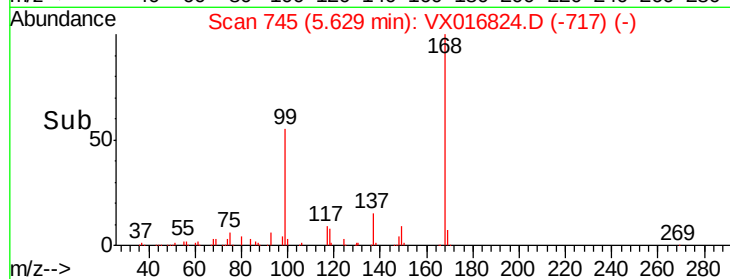
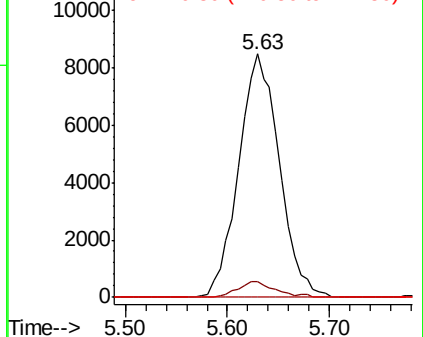
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.979 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX016824.D

Acq: 17 Jun 2020 18:06

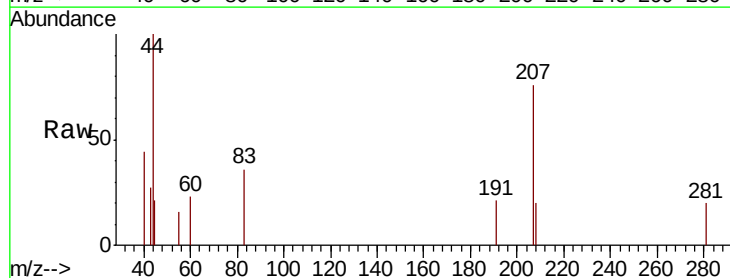
Tgt Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

55 43.7 57.3 85.9#

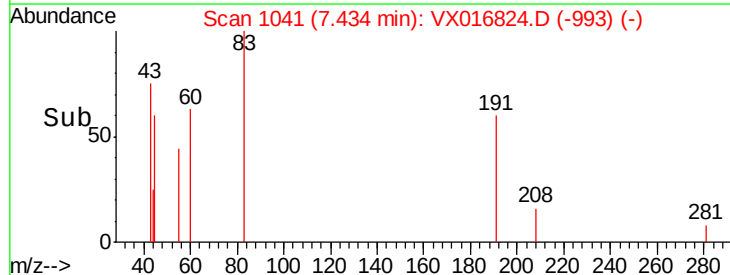
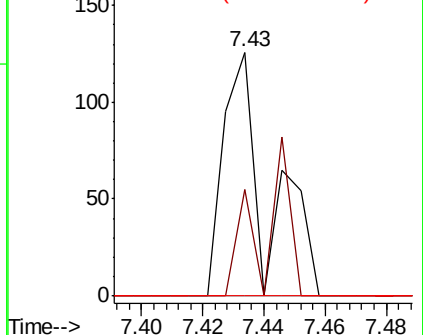
98 0.0 40.3 60.5#

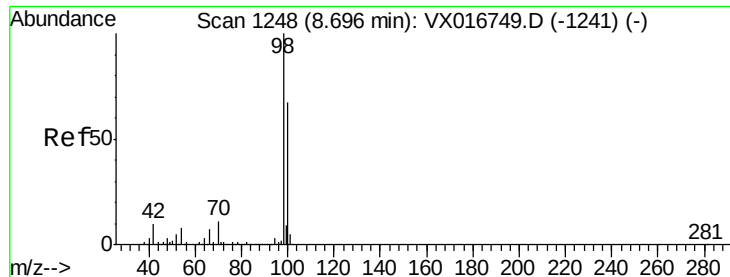


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

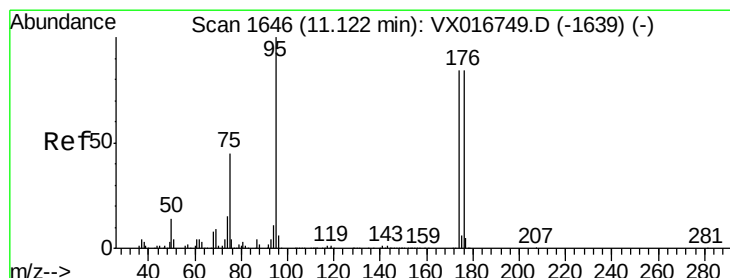
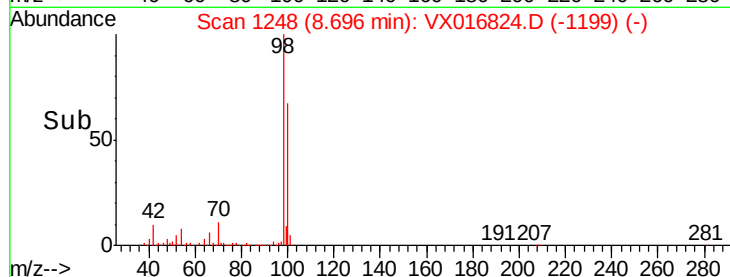
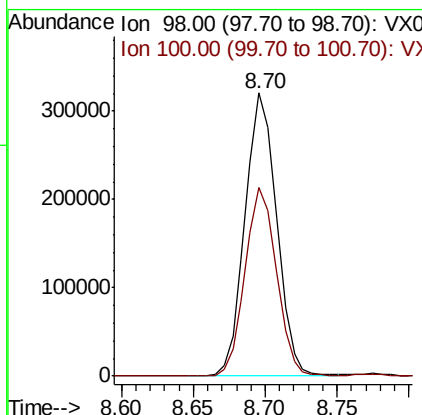
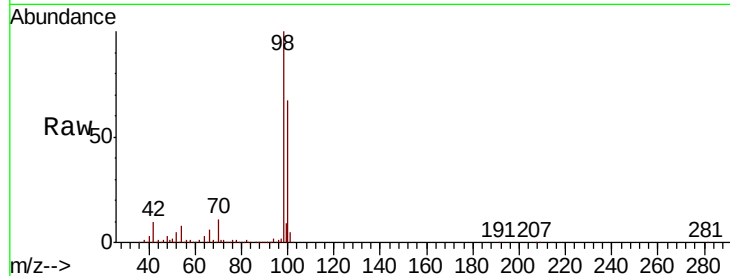




#50
Toluene-d8
Concen: 46.730 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016824.D
Acq: 17 Jun 2020 18:06

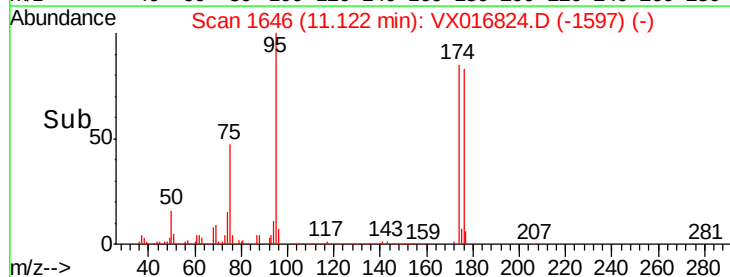
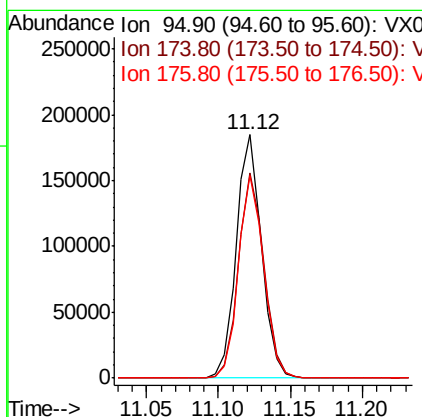
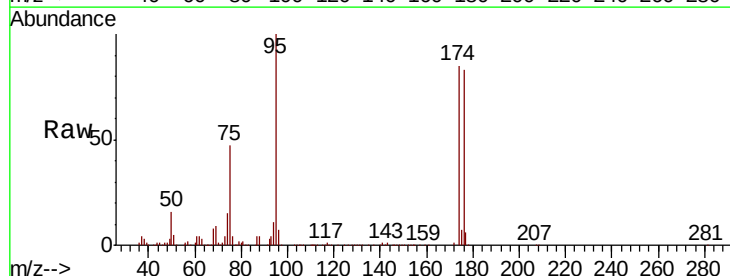
Instrument :
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Z1-TB11-200615

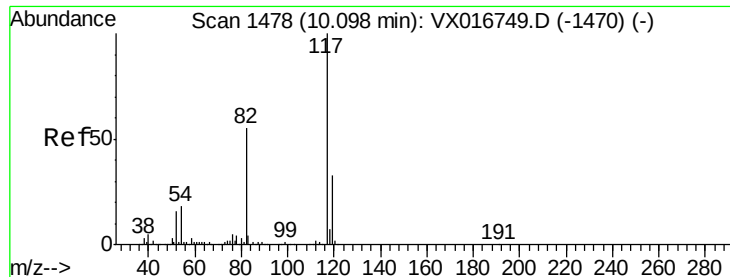
Tot Ion: 98 Resp: 489158
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.381 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016824.D
Acq: 17 Jun 2020 18:06

Tgt Ion: 95 Resp: 225743
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.0
176 83.4 0.0 166.2

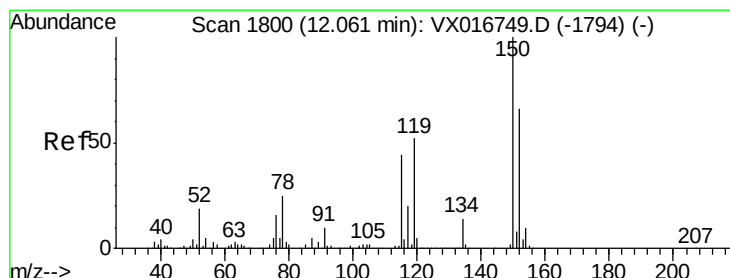
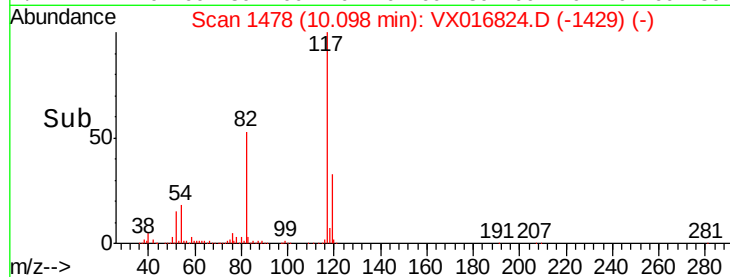
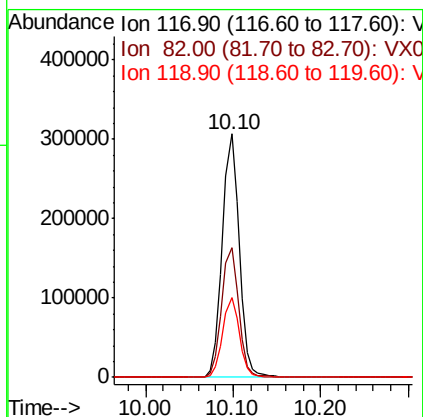
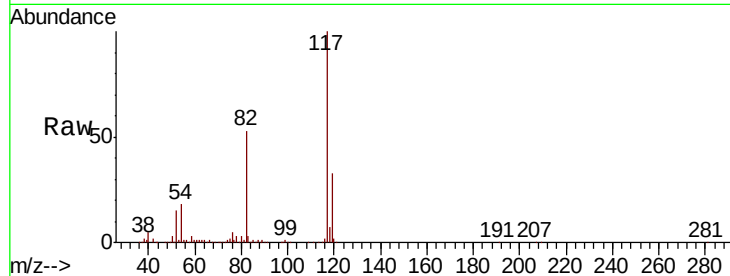




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016824.D
Acq: 17 Jun 2020 18:06

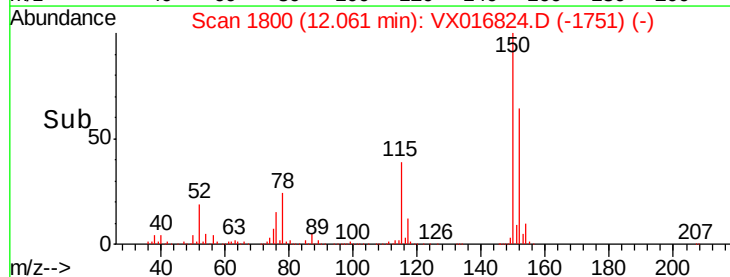
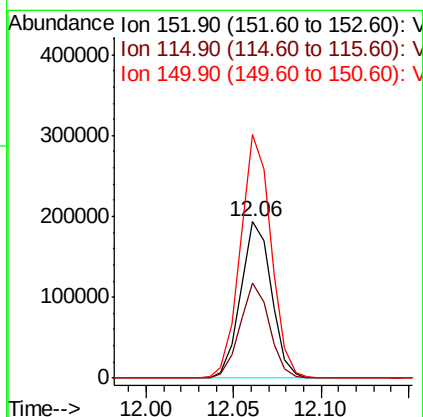
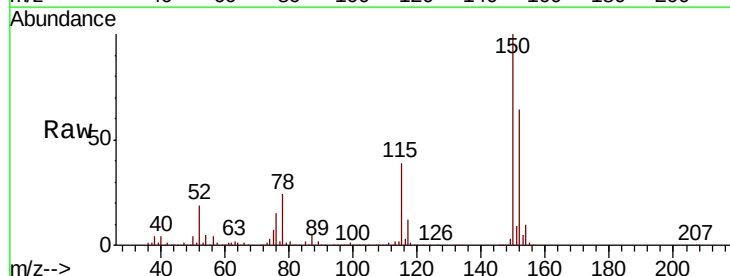
Instrument :
MSVOA_X
ClientSampleId :
Z1-TB11-200615

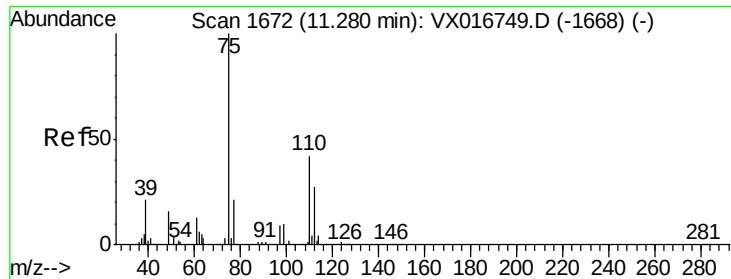
Tot Ion:117 Resp: 410588
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.6
119 32.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016824.D
Acq: 17 Jun 2020 18:06

Tgt Ion:152 Resp: 236967
Ion Ratio Lower Upper
152 100
115 58.3 40.3 120.8
150 154.1 0.0 337.4

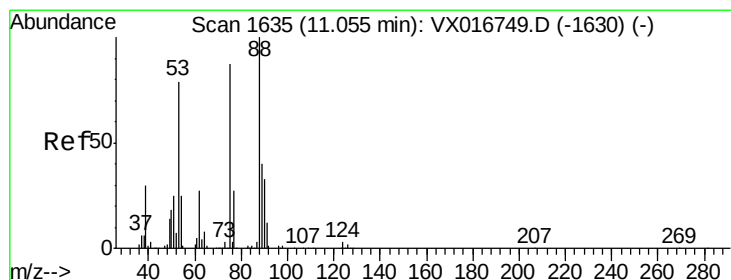
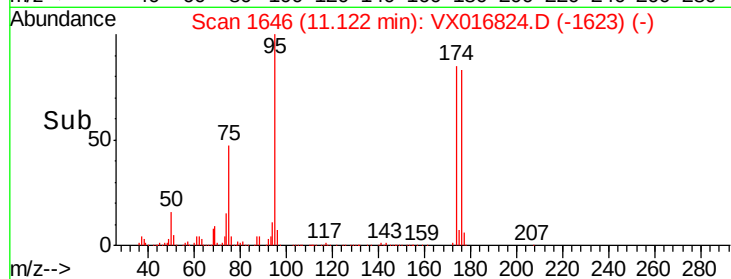
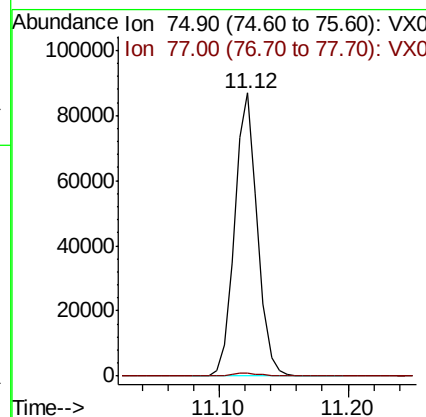
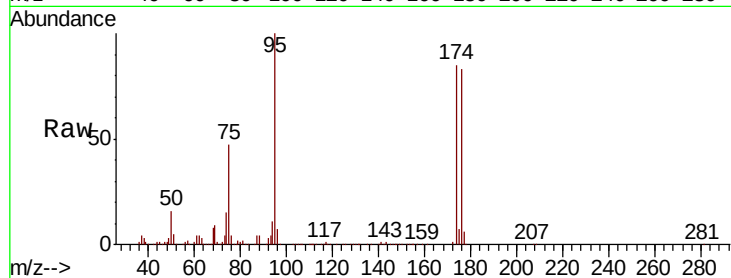




#76
 1,2,3-Trichloropropane
 Concen: 21.540 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

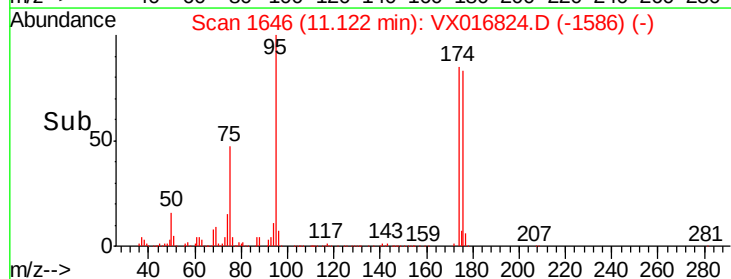
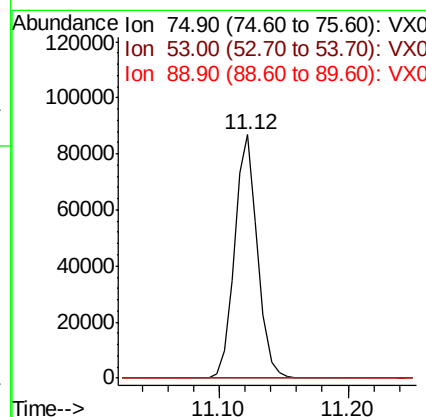
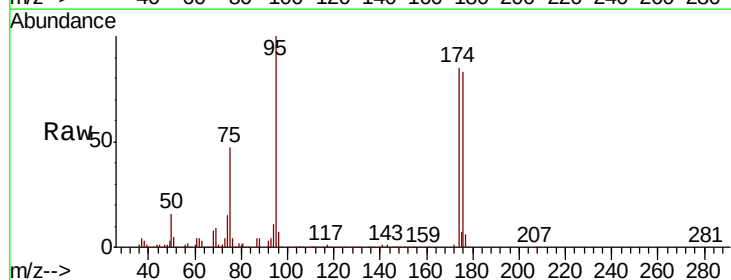
Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB11-200615

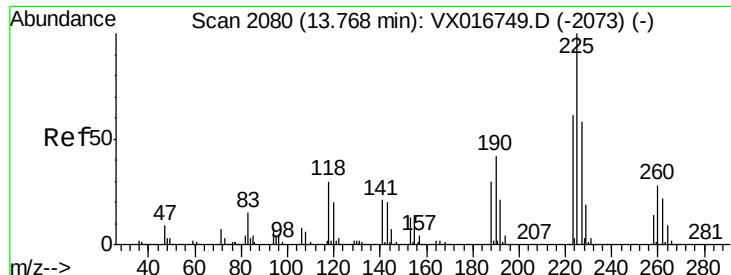
Tot Ion: 75 Resp: 107338
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.3 60.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.225 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX016824.D
 Acq: 17 Jun 2020 18:06

Tgt Ion: 75 Resp: 107338
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.0#
 89 0.0 39.1 58.7#





#94

Hexachlorobutadiene

Concen: 0.506 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016824.D

Acq: 17 Jun 2020 18:06

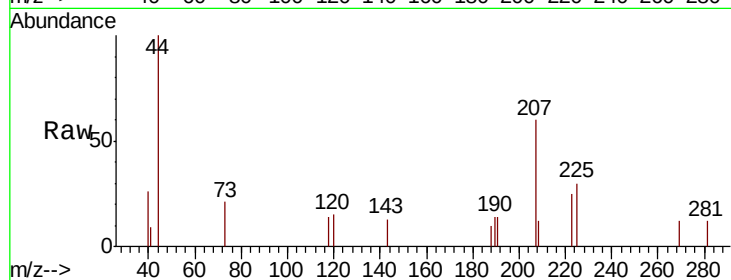
Instrument :

MSVOA_X

ClientSampleId :

Z1-TB11-200615

Tot Ion:	225	Resp:	213
Ion	Ratio	Lower	Upper
225	100		
223	102.3	31.1	93.5#
227	62.4	30.9	92.7



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

