

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017892.D
 Acq On : 14 Aug 2020 11:51
 Operator : JC/SP
 Sample : L3643-04
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A5

Quant Time: Aug 17 01:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	242893	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	225164	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93481	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.70	69	80475	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.80%
11) 1,1-Dichloroethene-d2	2.34	63	138908	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.54	46	232291	52.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.22%
24) Chloroform-d	5.14	84	171137	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	6.03	65	102249	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	6.05	84	337601	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	7.37	67	106344	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	8.70	98	297311	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
45) trans-1,3-Dichloropropene-	8.99	79	39066	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	9.43	63	164835	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	70870	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	108472	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

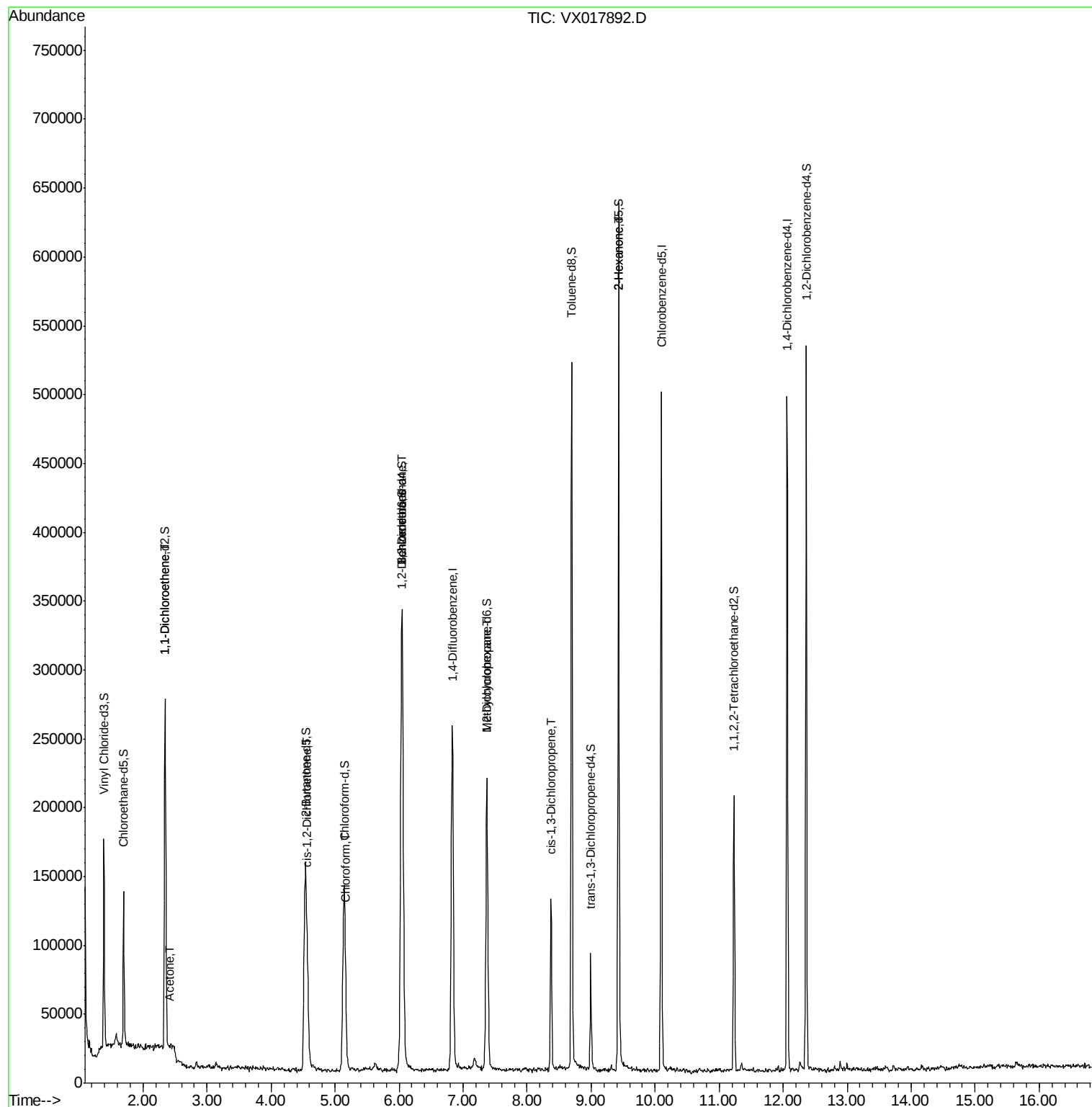
					Qvalue
12) 1,1-Dichloroethene	2.35	96	2134	0.115 ug/L #	1
13) Acetone	2.42	43	2945	0.904 ug/L	82
22) cis-1,2-Dichloroethene	4.56	96	36200	1.633 ug/L #	90
25) Chloroform	5.17	83	5823	0.143 ug/L	88
27) 1,2-Dichloroethane	6.05	62	3229	0.124 ug/L	99
35) Methylcyclohexane	7.37	83	26394	0.807 ug/L #	18
39) cis-1,3-Dichloropropene	8.37	75	3517	0.114 ug/L #	31
50) 2-Hexanone	9.43	43	20292	2.169 ug/L #	68

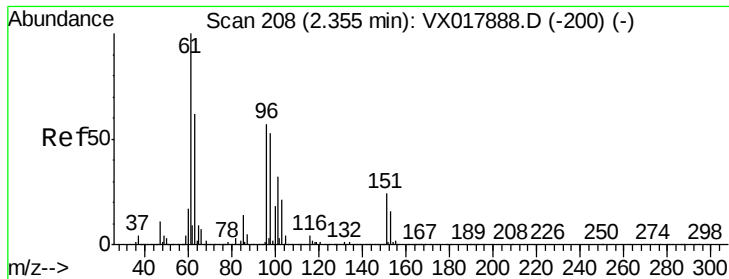
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017892.D

Acq: 14 Aug 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

BG0A5

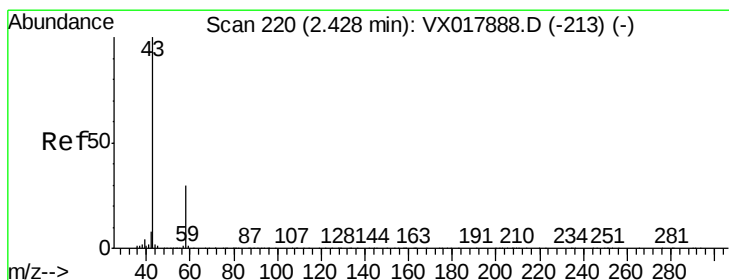
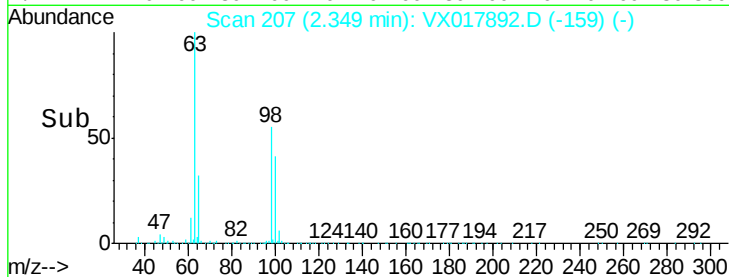
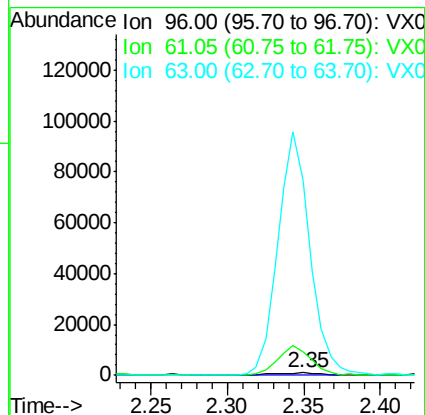
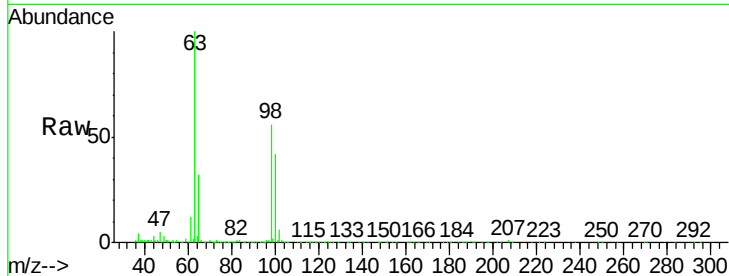
Tgt Ion: 96 Resp: 2134

Ion Ratio Lower Upper

96 100

61 946.2 123.5 229.3#

63 7778.6 67.0 124.4#



#13

Acetone

Concen: 0.904 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017892.D

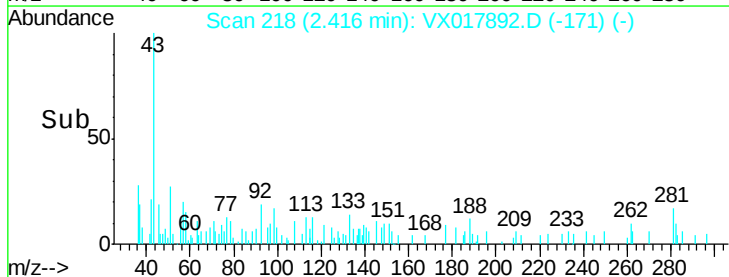
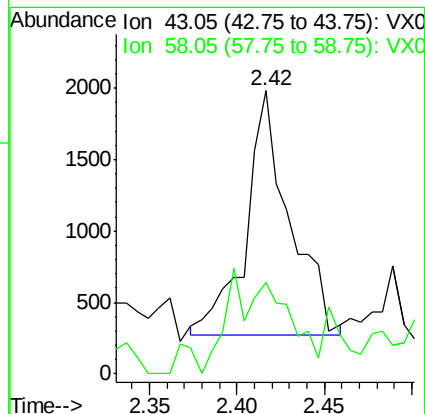
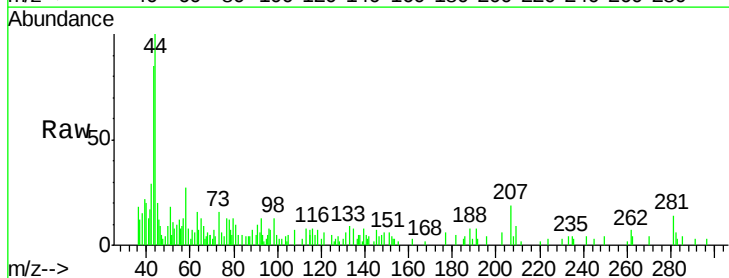
Acq: 14 Aug 2020 11:51

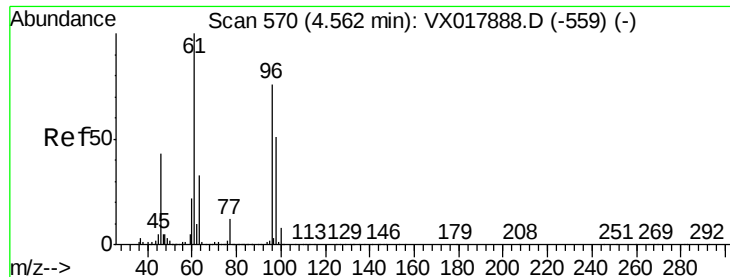
Tgt Ion: 43 Resp: 2945

Ion Ratio Lower Upper

43 100

58 20.8 0.0 60.8



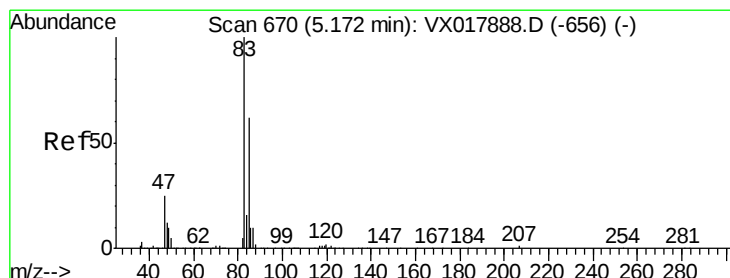
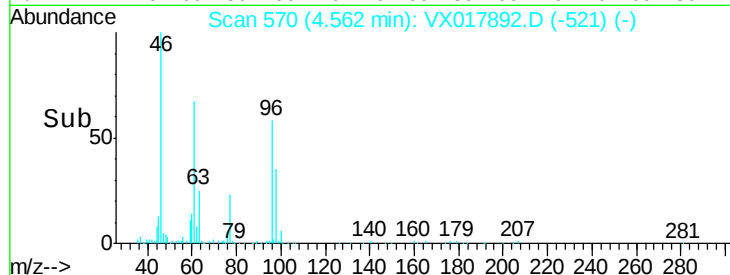
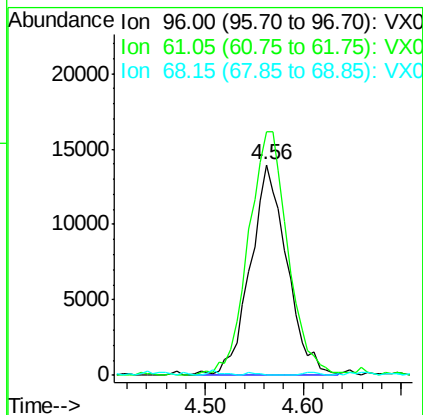
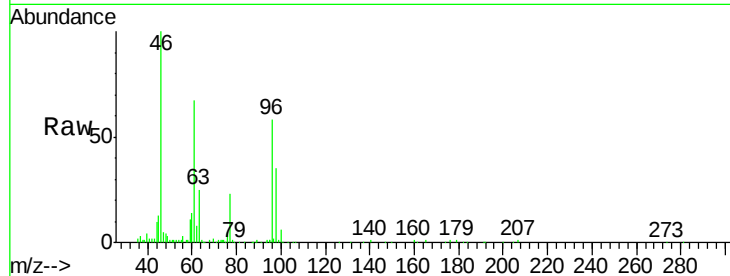


#22

cis-1,2-Dichloroethene
 Concen: 1.633 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A5

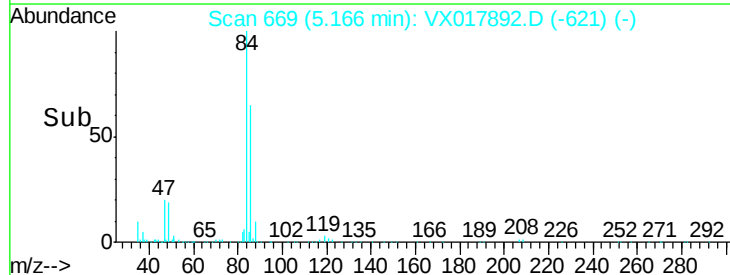
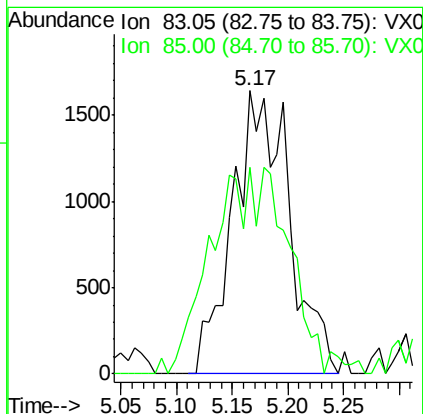
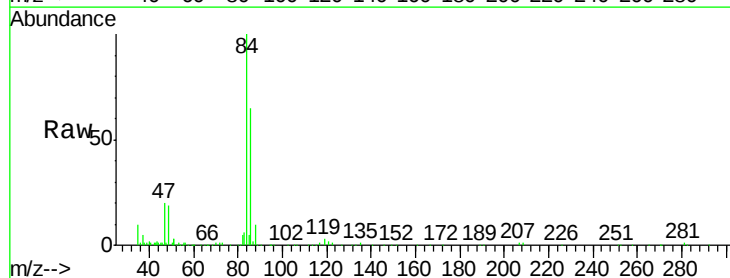
Tgt Ion: 96 Resp: 36200
 Ion Ratio Lower Upper
 96 100
 61 115.6 88.8 165.0
 68 0.0 0.2 0.4#

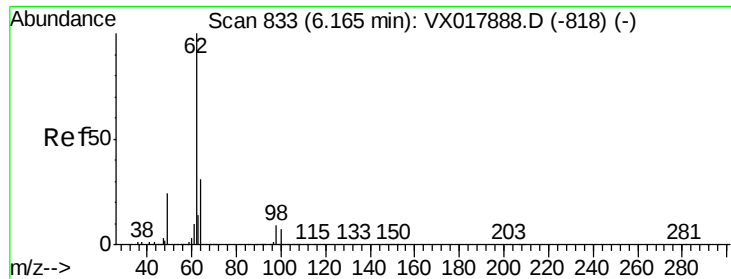


#25

Chloroform
 Concen: 0.143 ug/L
 RT: 5.17 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

Tgt Ion: 83 Resp: 5823
 Ion Ratio Lower Upper
 83 100
 85 73.1 44.7 83.1

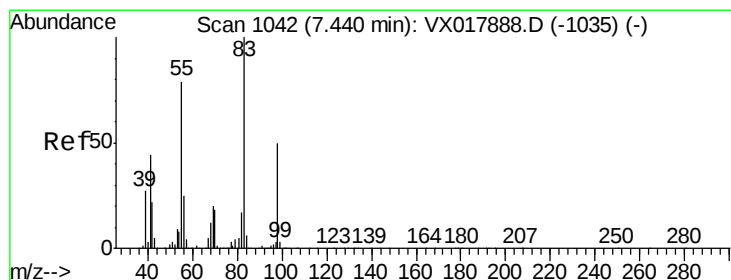
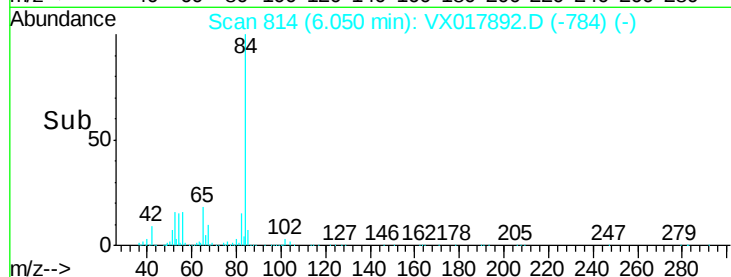
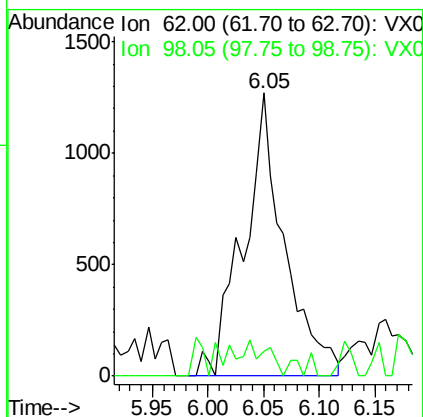
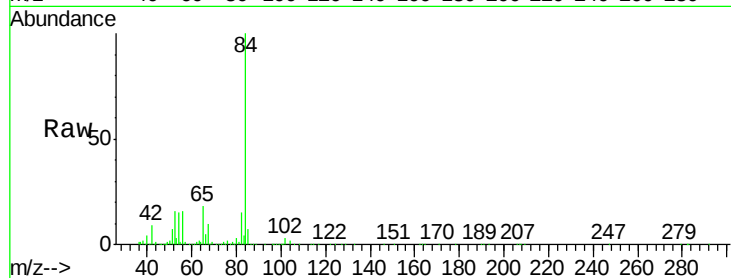




#27
 1,2-Dichloroethane
 Concen: 0.124 ug/L
 RT: 6.05 min Scan# 814
 Delta R.T. -0.12 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

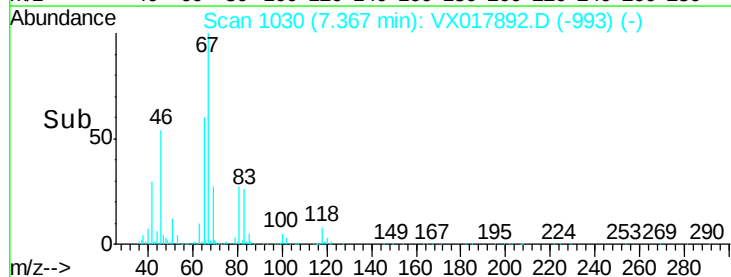
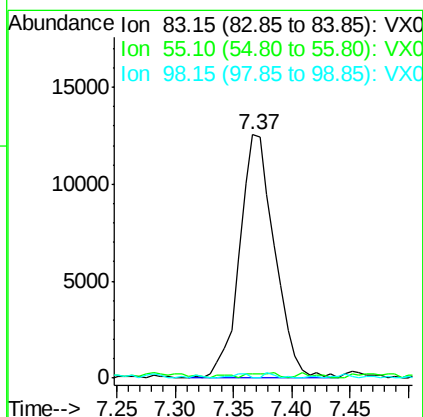
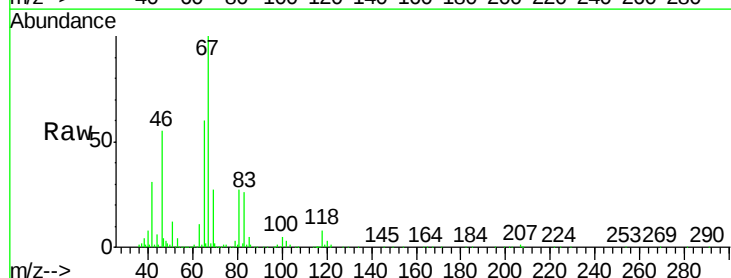
Instrument :
 MSVOA_X
 ClientSampleID :
 BG0A5

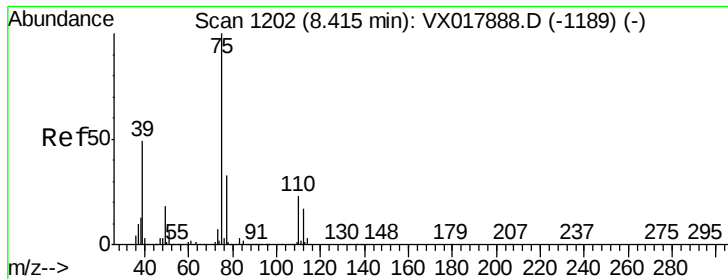
Tgt Ion: 62 Resp: 3229
 Ion Ratio Lower Upper
 62 100
 98 8.7 6.7 10.1



#35
 Methylcyclohexane
 Concen: 0.807 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.07 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

Tgt Ion: 83 Resp: 26394
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.4 93.6#
 98 0.9 38.0 57.0#

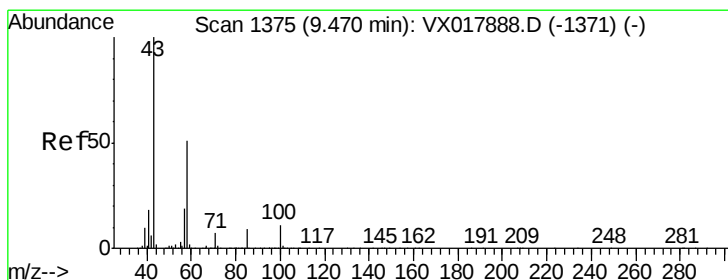
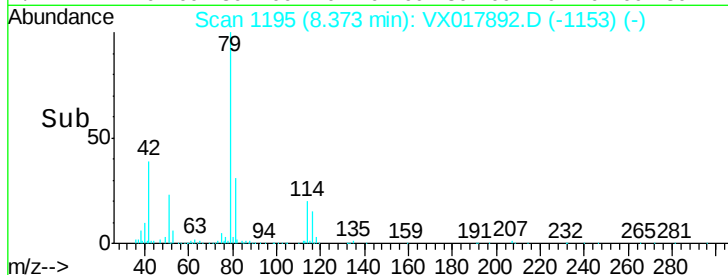
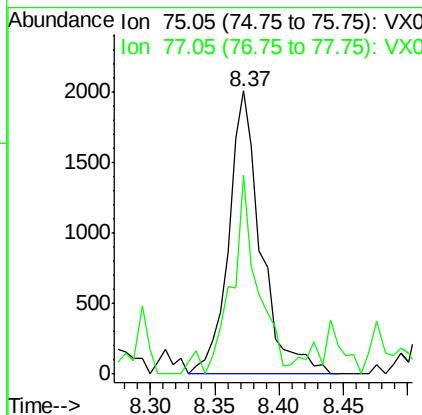
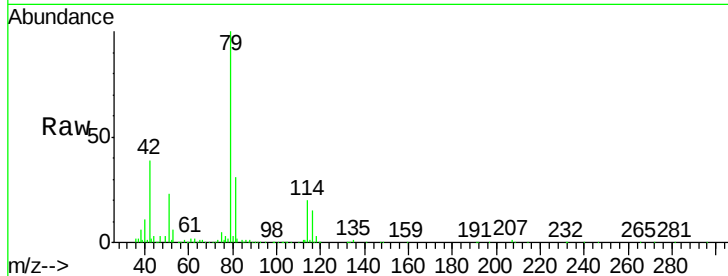




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A5

Tgt Ion: 75 Resp: 3517
 Ion Ratio Lower Upper
 75 100
 77 70.1 22.2 41.2#



#50
 2-Hexanone
 Concen: 2.169 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017892.D
 Acq: 14 Aug 2020 11:51

Tgt Ion: 43 Resp: 20292
 Ion Ratio Lower Upper
 43 100
 58 31.1 43.0 64.6#
 57 35.0 15.0 22.4#
 100 1.5 9.2 13.8#

