

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017893.D
 Acq On : 14 Aug 2020 12:15
 Operator : JC/SP
 Sample : L3643-03DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4DL

Quant Time: Aug 17 01:29:54 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	274448	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	265178	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102090	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.69	69	87341	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.34	63	153539	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.54	46	261334	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	5.14	84	205721	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	6.04	65	113042	5.35	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	6.05	84	388813	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	7.37	67	126864	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	8.70	98	337772	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	8.99	79	50509	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
48) 2-Hexanone-d5	9.43	63	218108	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	90636	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	133540	6.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.00%#

Target Compounds

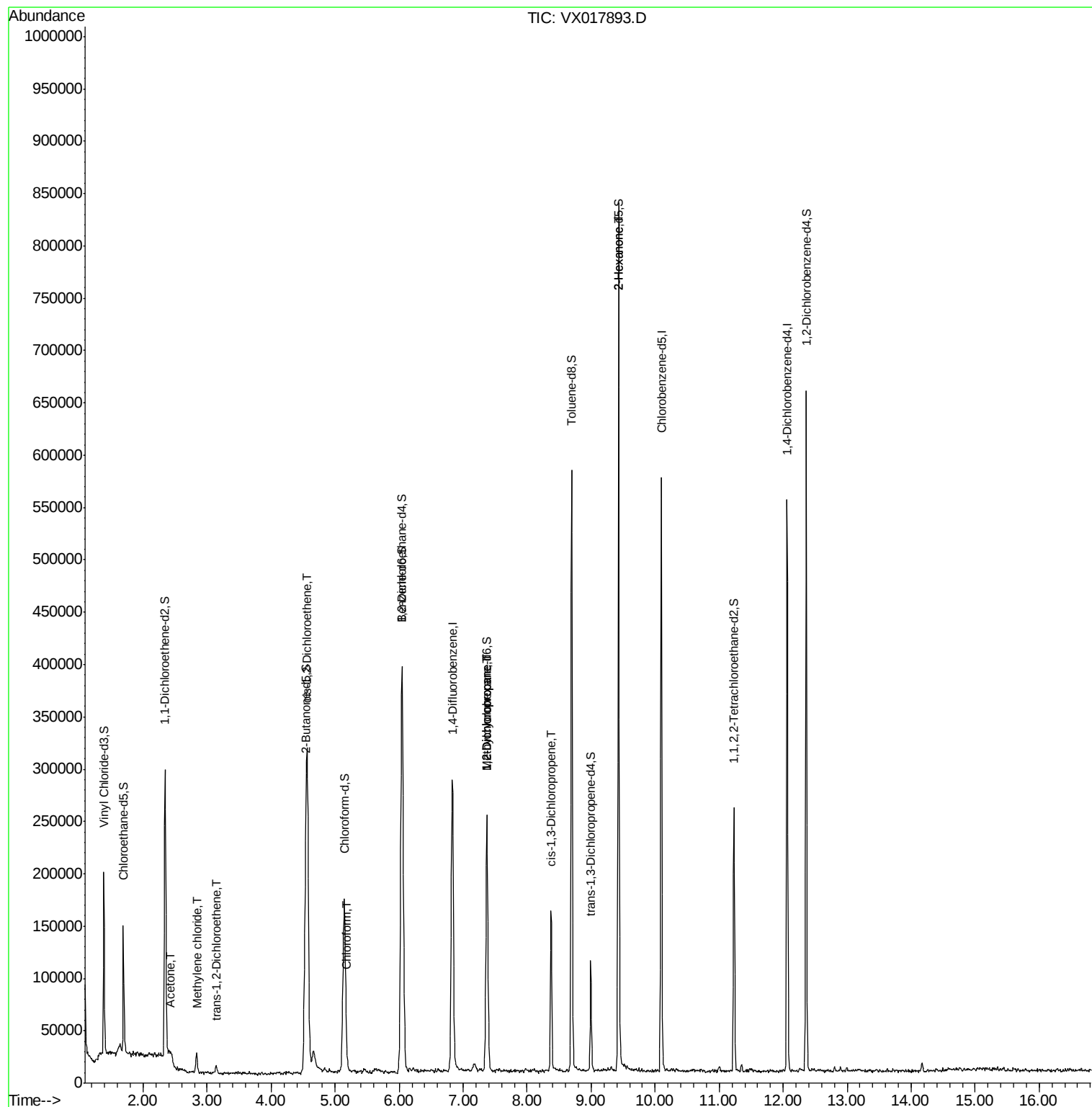
					Qvalue
13) Acetone	2.43	43	4079	1.109 ug/L	92
16) Methylene chloride	2.83	84	9004	0.310 ug/L	79
18) trans-1,2-Dichloroethene	3.14	96	2888	0.121 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	157117	6.273 ug/L #	99
25) Chloroform	5.18	83	6794	0.148 ug/L	93
35) Methylcyclohexane	7.37	83	31579	0.820 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	15097	0.640 ug/L #	88
39) cis-1,3-Dichloropropene	8.37	75	4453	0.123 ug/L	84
50) 2-Hexanone	9.43	43	27635	2.508 ug/L #	66

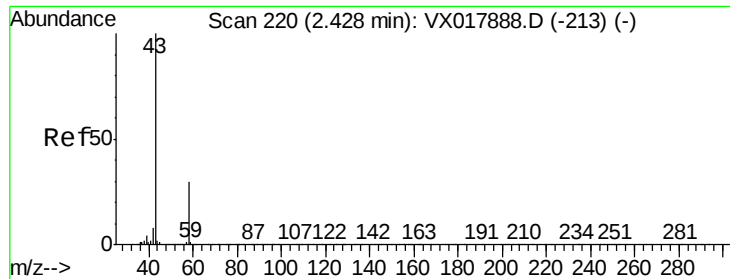
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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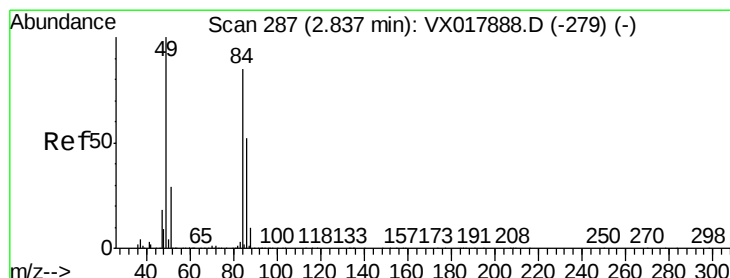
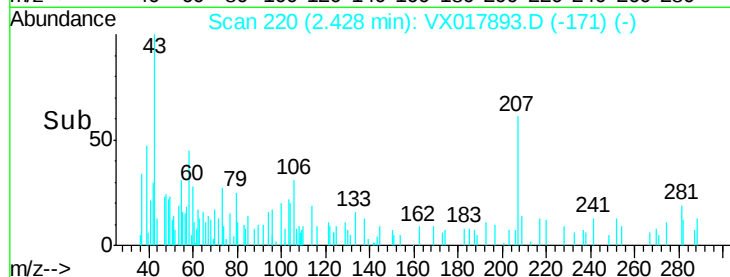
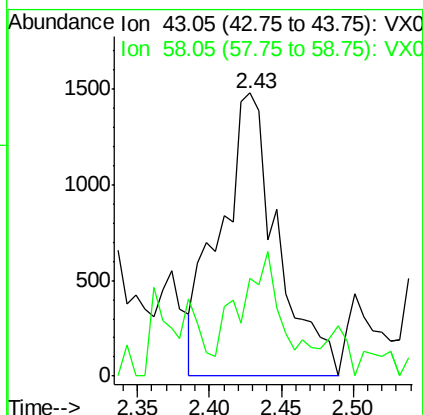
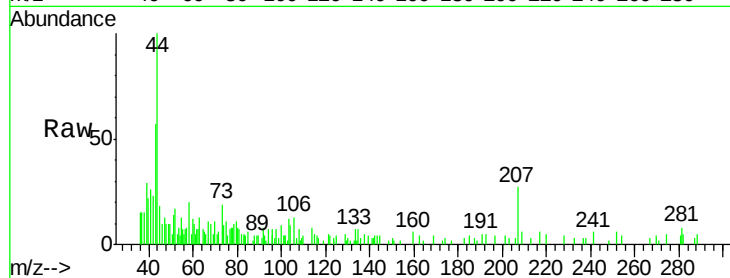




#13
Acetone
Concen: 1.109 ug/L
RT: 2.43 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX017893.D
Acq: 14 Aug 2020 12:15

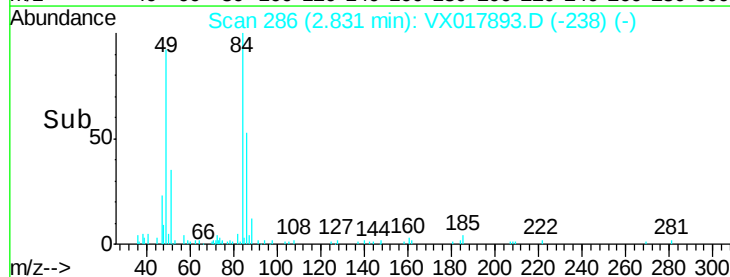
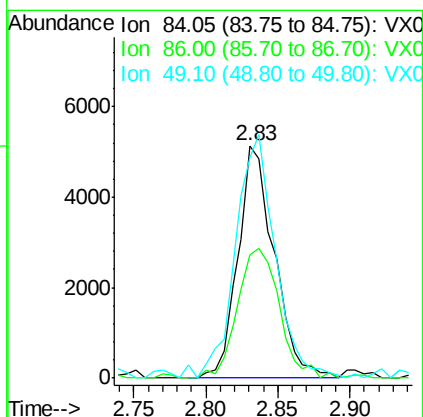
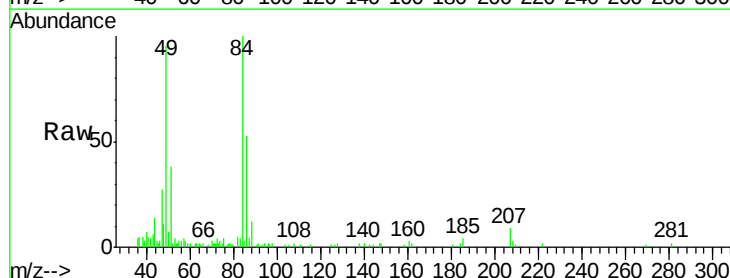
Instrument :
MSVOA_X
ClientSampleId :
BG0A4DL

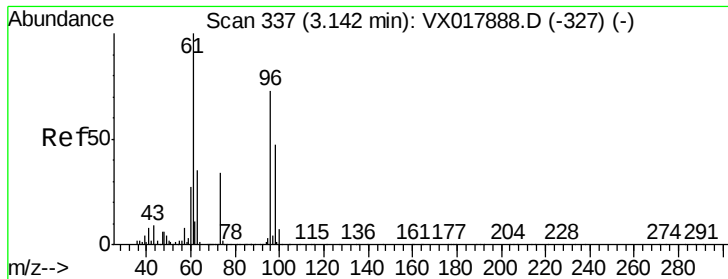
Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
58 26.1 0.0 60.8



#16
Methylene chloride
Concen: 0.310 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017893.D
Acq: 14 Aug 2020 12:15

Tgt Ion: 84 Resp: 9004
Ion Ratio Lower Upper
84 100
86 53.3 43.0 80.0
49 94.8 86.9 161.3





#18

trans-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017893.D

Acq: 14 Aug 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

BG0A4DL

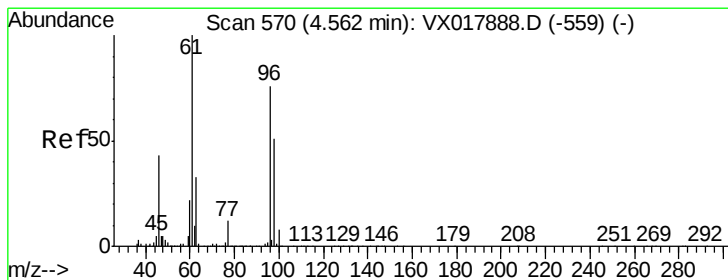
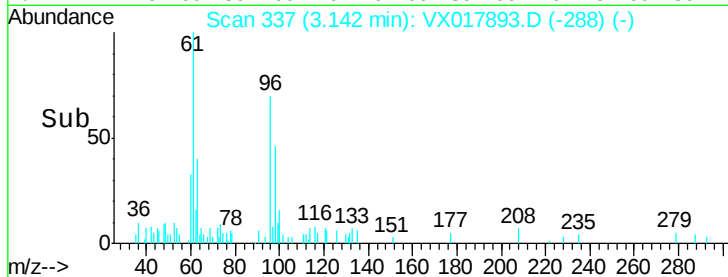
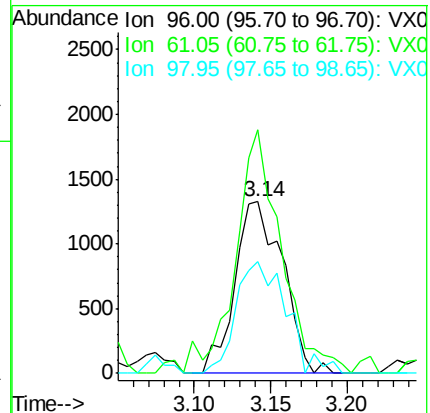
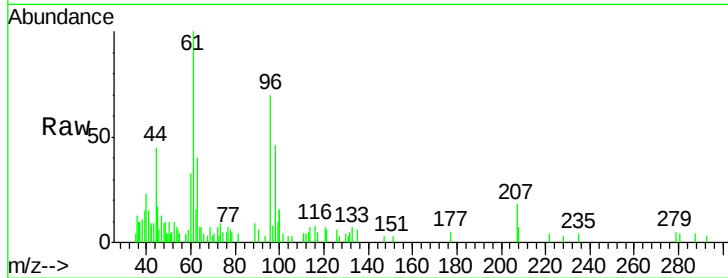
Tgt Ion: 96 Resp: 2888

Ion Ratio Lower Upper

96 100

61 141.9 98.4 182.8

98 64.9 44.9 83.5



#22

cis-1,2-Dichloroethene

Concen: 6.273 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX017893.D

Acq: 14 Aug 2020 12:15

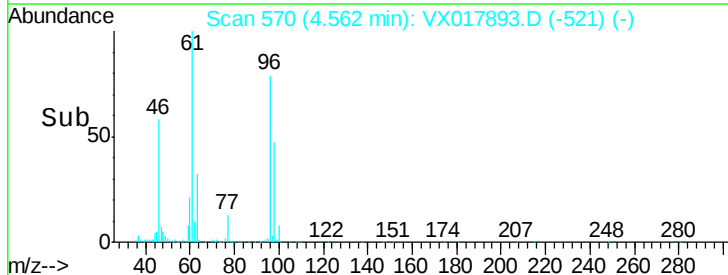
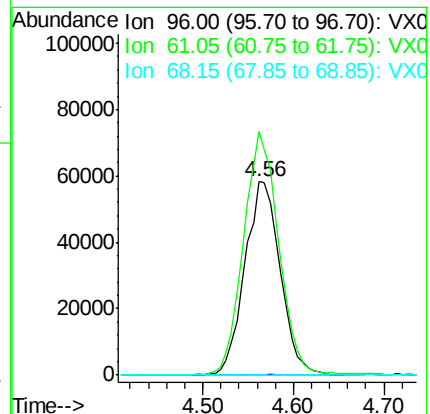
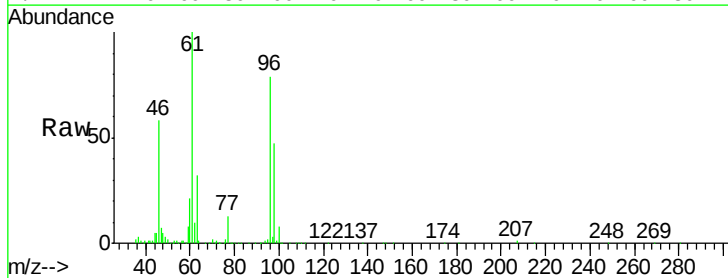
Tgt Ion: 96 Resp: 157117

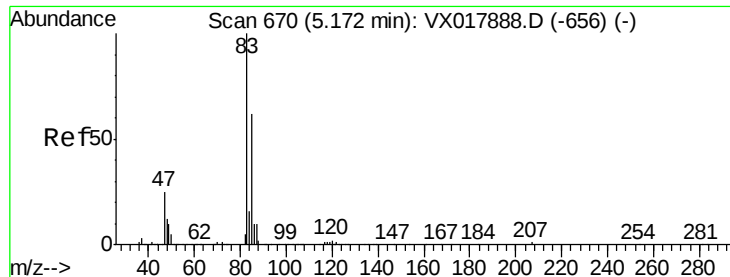
Ion Ratio Lower Upper

96 100

61 125.9 88.8 165.0

68 0.2 0.2 0.4#





#25

Chloroform

Concen: 0.148 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017893.D

Acq: 14 Aug 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

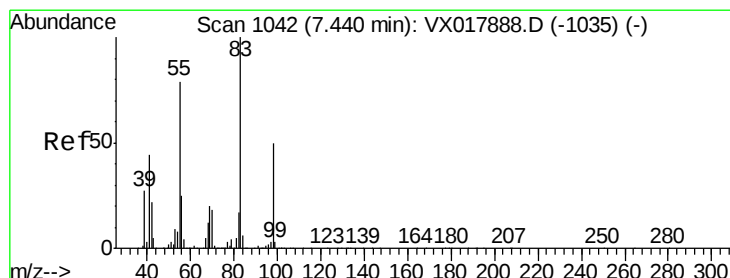
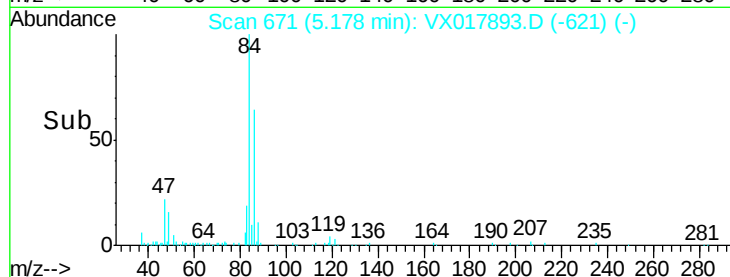
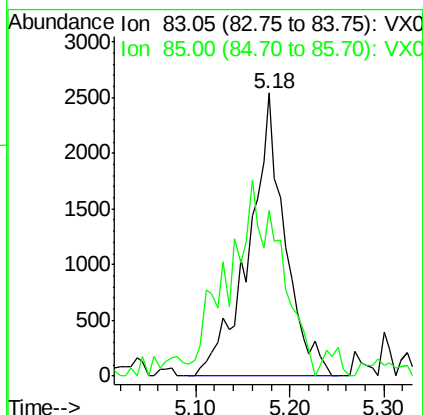
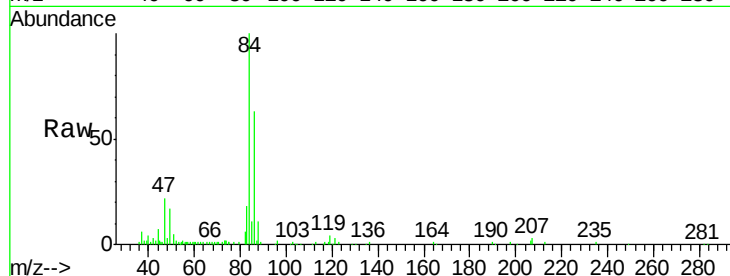
BG0A4DL

Tgt Ion: 83 Resp: 6794

Ion Ratio Lower Upper

83 100

85 58.3 44.7 83.1



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017893.D

Acq: 14 Aug 2020 12:15

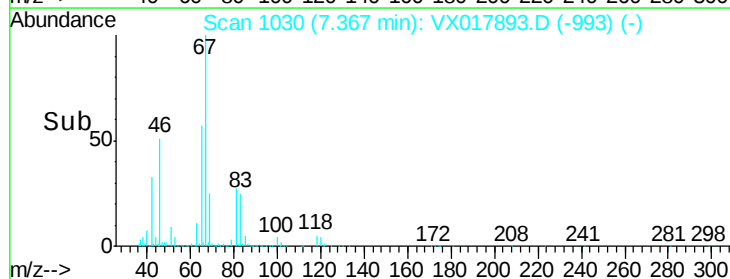
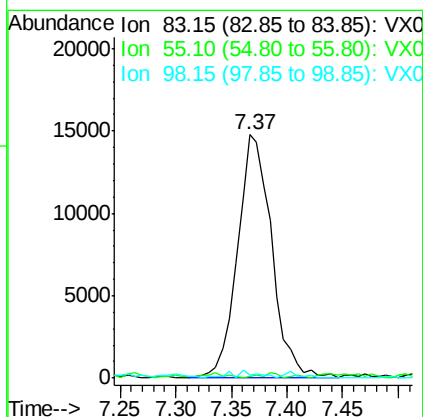
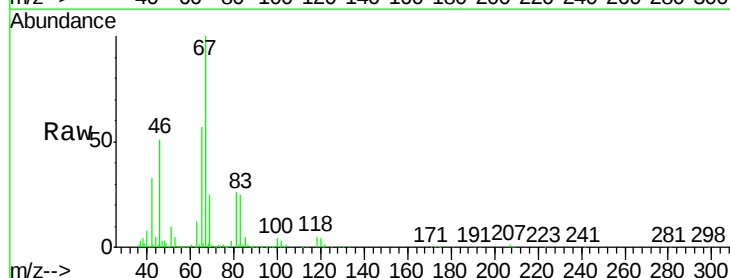
Tgt Ion: 83 Resp: 31579

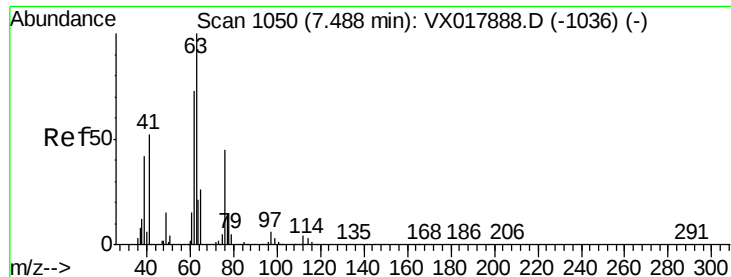
Ion Ratio Lower Upper

83 100

55 1.2 62.4 93.6#

98 1.5 38.0 57.0#

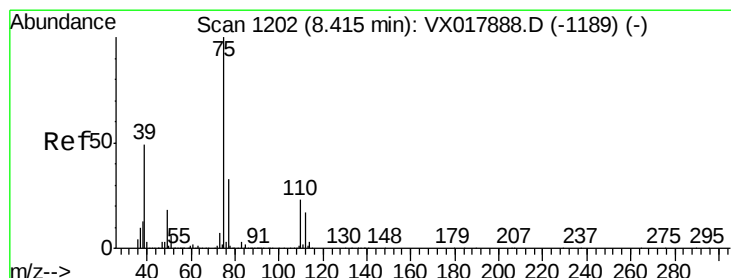
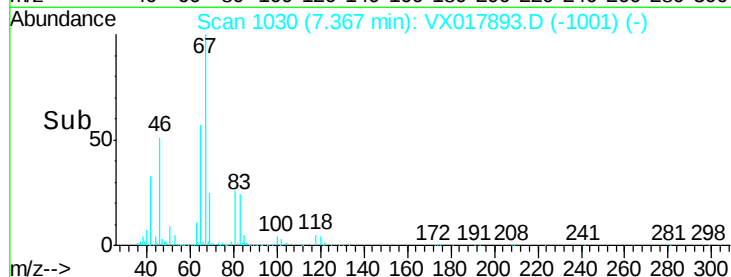
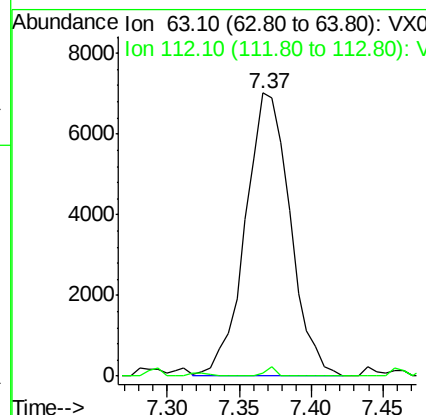
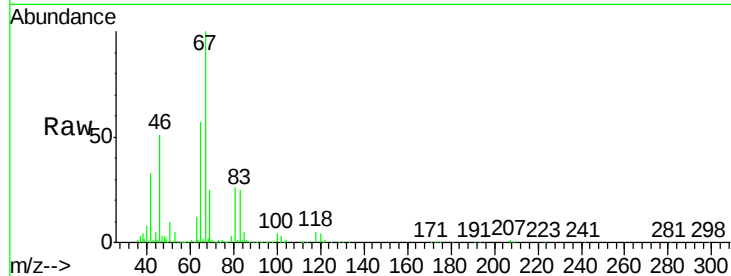




#37
 1,2-Dichloropropane
 Concen: 0.640 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017893.D
 Acq: 14 Aug 2020 12:15

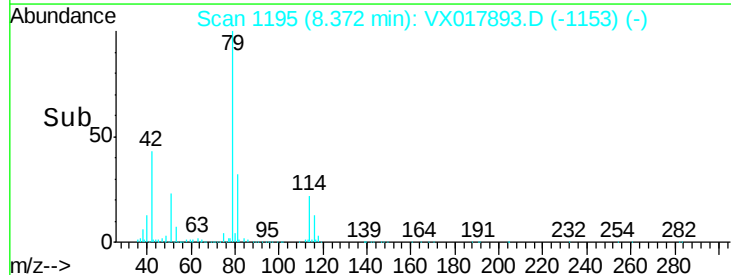
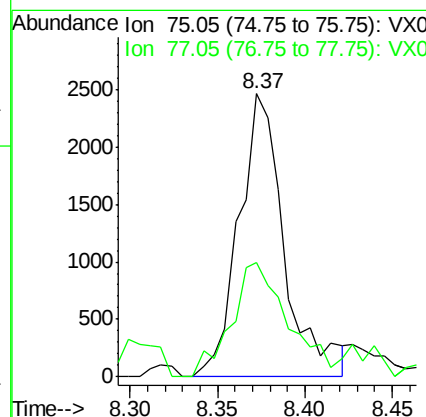
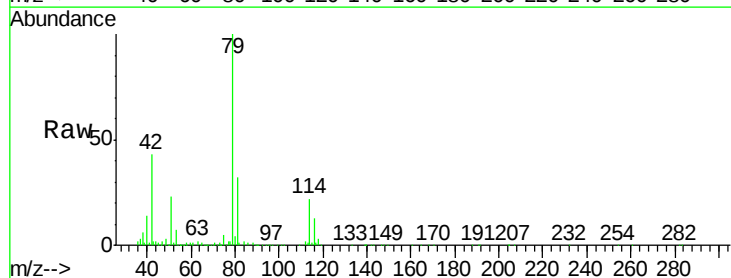
Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4DL

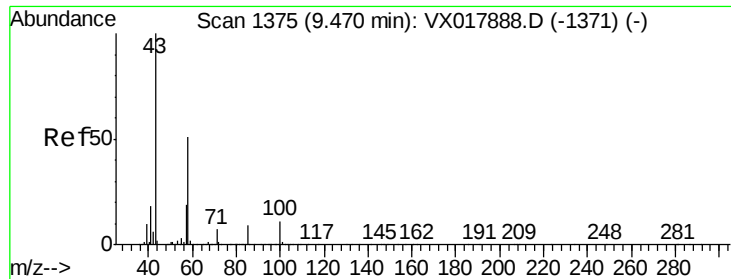
Tgt Ion: 63 Resp: 15097
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017893.D
 Acq: 14 Aug 2020 12:15

Tgt Ion: 75 Resp: 4453
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.2 41.2





#50
 2-Hexanone
 Concen: 2.508 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
 Lab File: VX017893.D
 Acq: 14 Aug 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleID :
 BG0A4DL

Tgt Ion: 43 Resp: 27635
 Ion Ratio Lower Upper
 43 100
 58 27.1 43.0 64.6#
 57 32.8 15.0 22.4#
 100 2.5 9.2 13.8#

