

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017906.D
 Acq On : 14 Aug 2020 18:26
 Operator : JC/SP
 Sample : L3703-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F4M11

Quant Time: Aug 17 01:32:28 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	277276	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	251293	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	82222	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.69	69	67371	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.34	63	122809	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.54	46	279204	54.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	5.14	84	174502	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	6.03	65	104385	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	6.05	84	341507	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	7.37	67	109539	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	8.70	98	268982	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	8.99	79	40941	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	204297	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	81934	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	109856	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

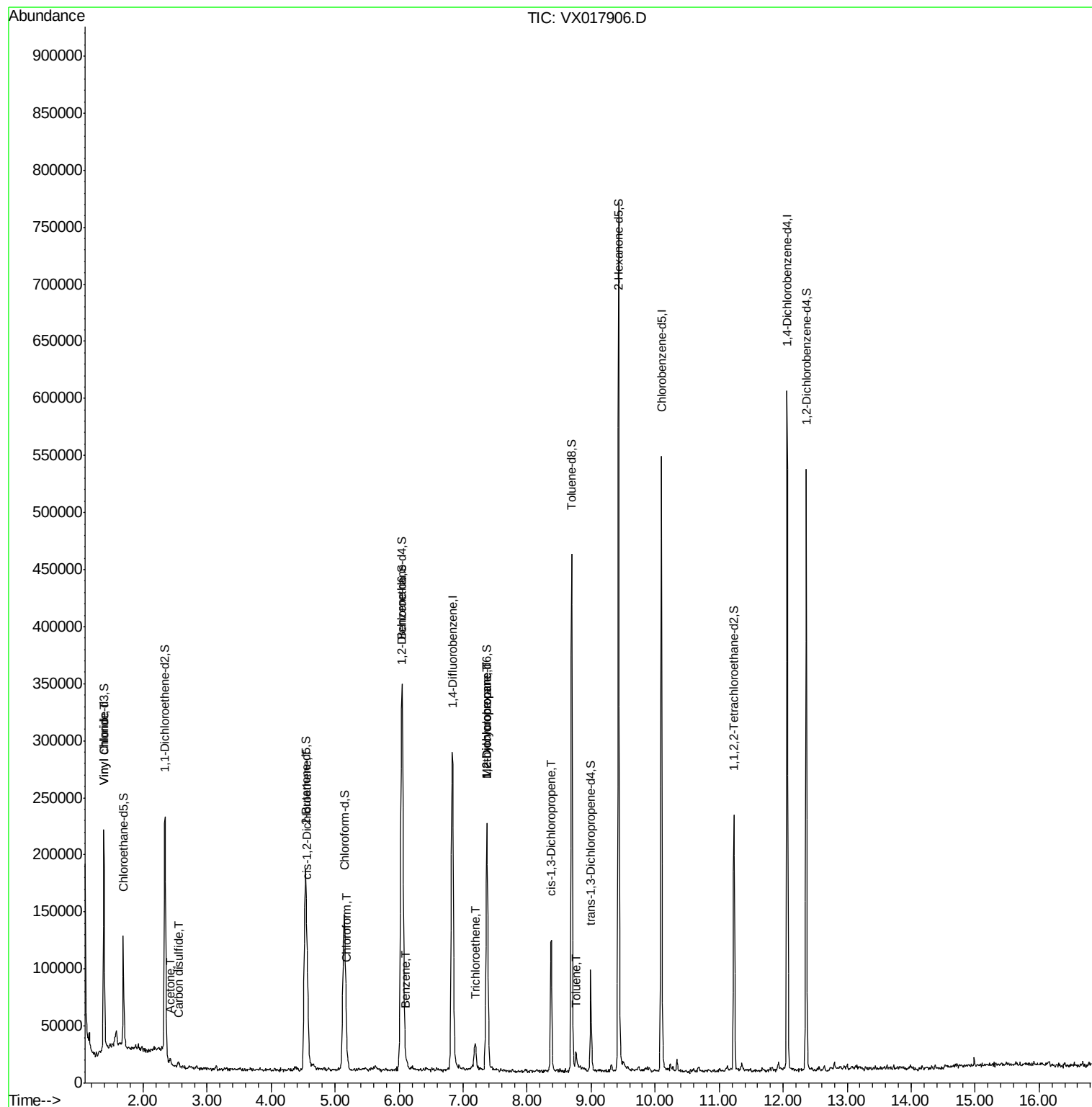
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.39	62	36756	1.408	ug/L	91
13) Acetone	2.42	43	5538	1.490	ug/L	96
14) Carbon disulfide	2.55	76	4321	0.057	ug/L #	86
22) cis-1,2-Dichloroethene	4.56	96	29184	1.153	ug/L #	94
25) Chloroform	5.18	83	13726	0.296	ug/L	78
33) Benzene	6.10	78	6478	0.073	ug/L	100
34) Trichloroethene	7.18	95	6977	0.269	ug/L #	79
35) Methylcyclohexane	7.37	83	26508	0.726	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	12340	0.552	ug/L #	87
39) cis-1,3-Dichloropropene	8.37	75	3210	0.093	ug/L	87
42) Toluene	8.77	91	10693	0.111	ug/L	94

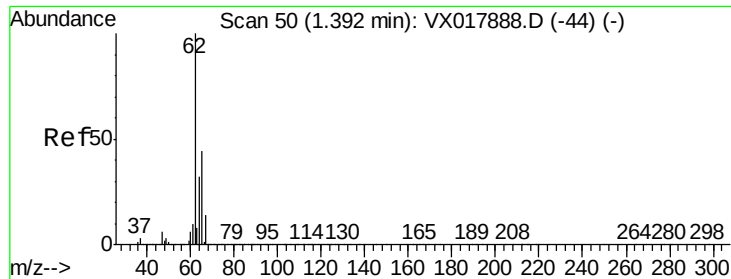
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.408 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

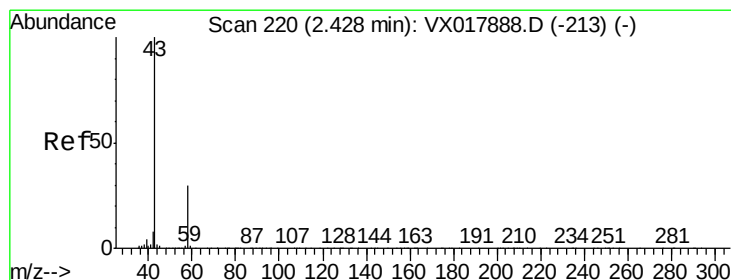
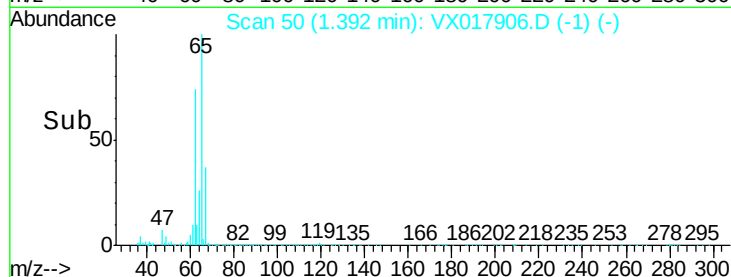
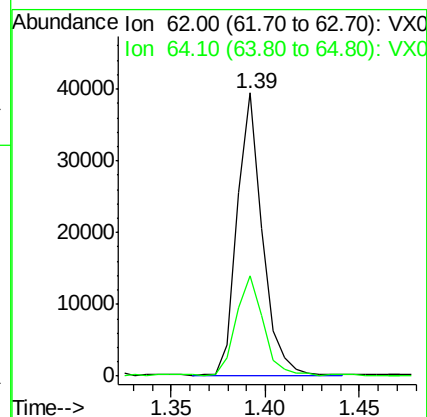
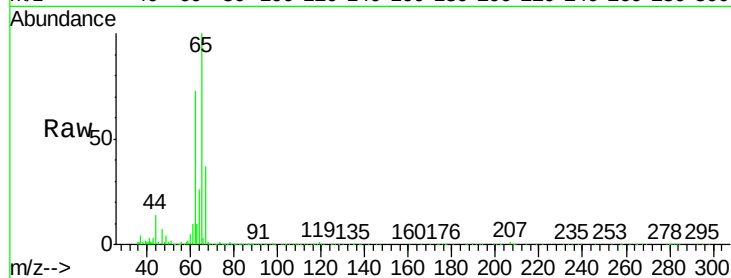
F4M11

Tgt Ion: 62 Resp: 36756

Ion Ratio Lower Upper

62 100

64 35.7 21.3 39.6



#13

Acetone

Concen: 1.490 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX017906.D

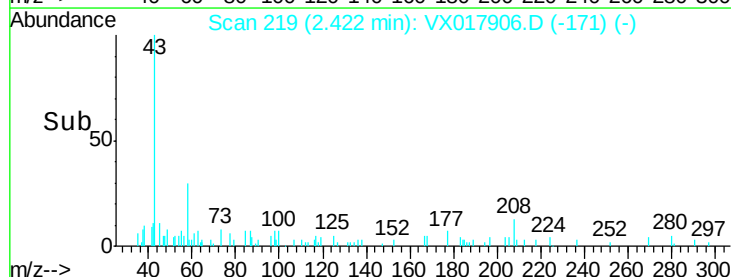
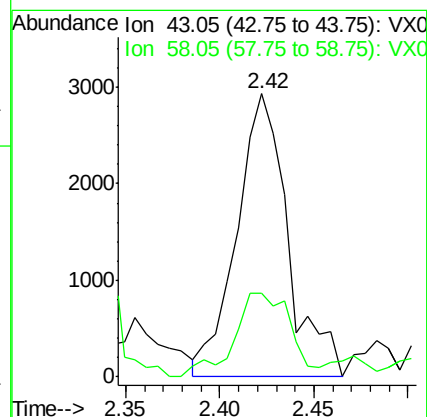
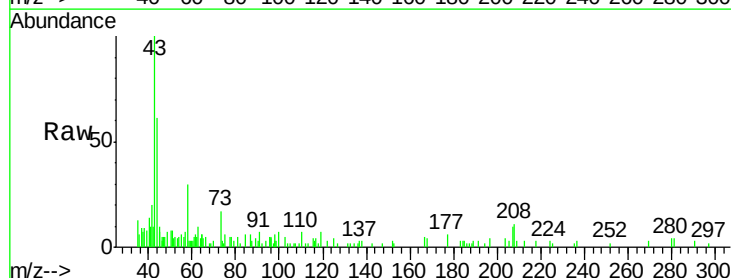
Acq: 14 Aug 2020 18:26

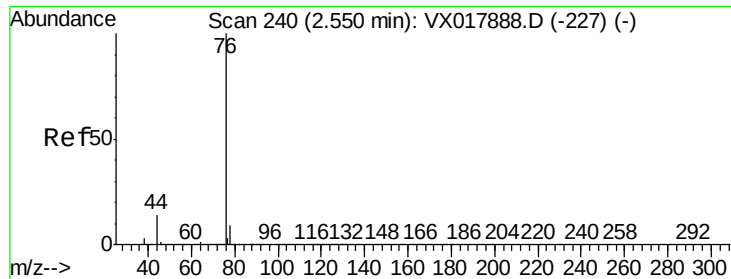
Tgt Ion: 43 Resp: 5538

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.8





#14

Carbon disulfide

Concen: 0.057 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

Instrument :

MSVOA_X

ClientSampled :

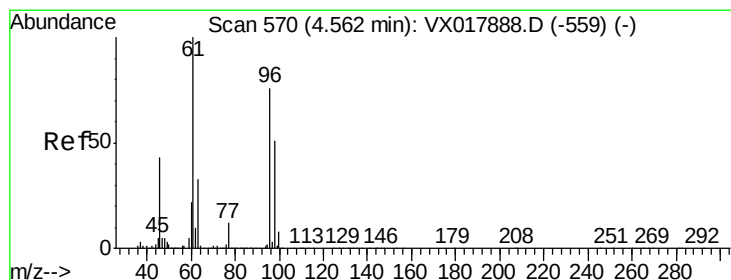
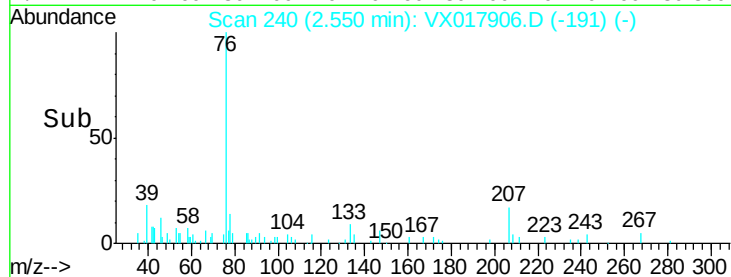
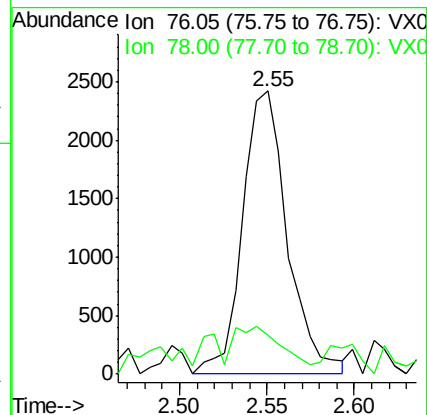
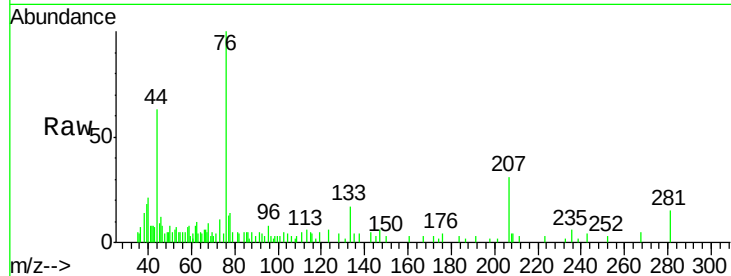
F4M11

Tgt Ion: 76 Resp: 4321

Ion Ratio Lower Upper

76 100

78 13.8 7.0 10.4#



#22

cis-1,2-Dichloroethene

Concen: 1.153 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

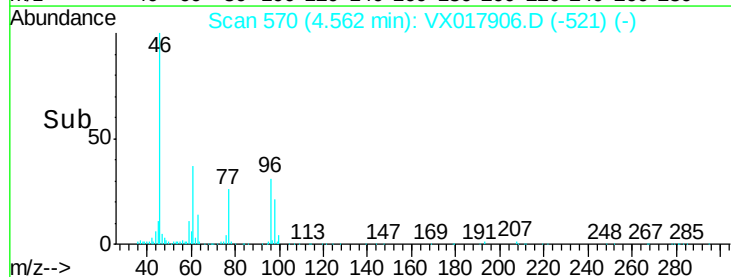
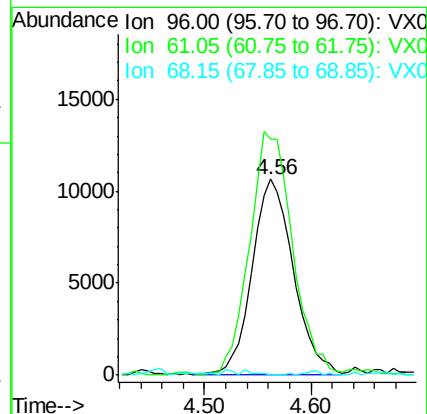
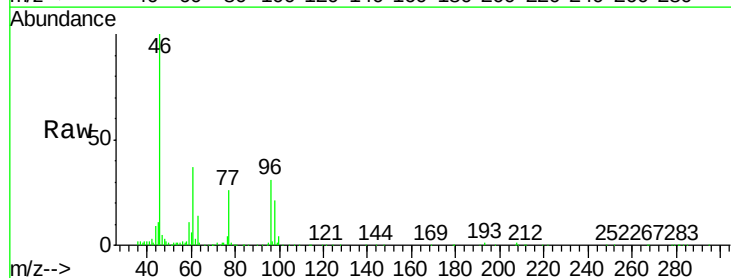
Tgt Ion: 96 Resp: 29184

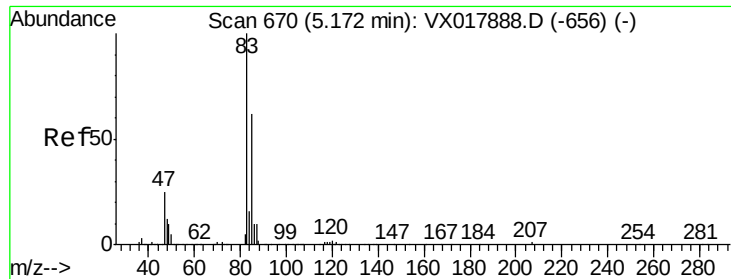
Ion Ratio Lower Upper

96 100

61 120.5 88.8 165.0

68 0.0 0.2 0.4#

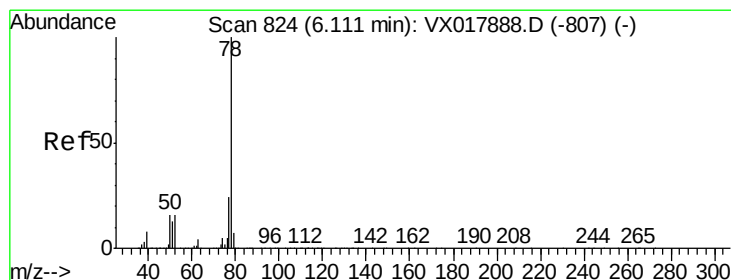
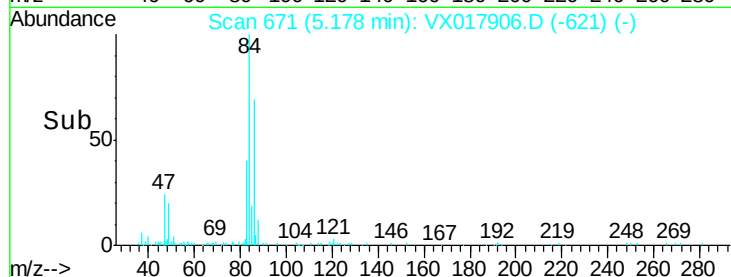
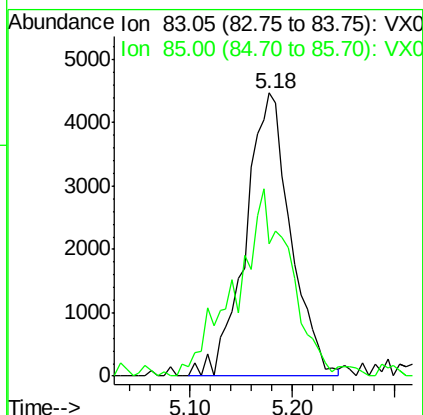
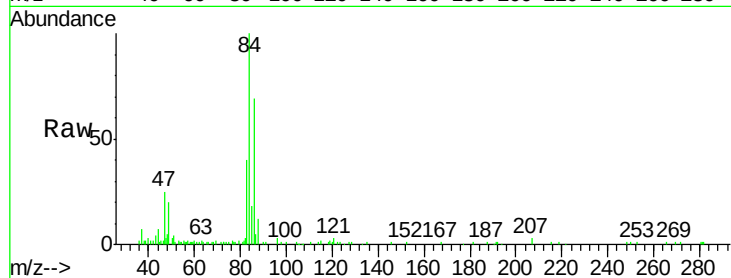




#25
Chloroform
Concen: 0.296 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017906.D
Acq: 14 Aug 2020 18:26

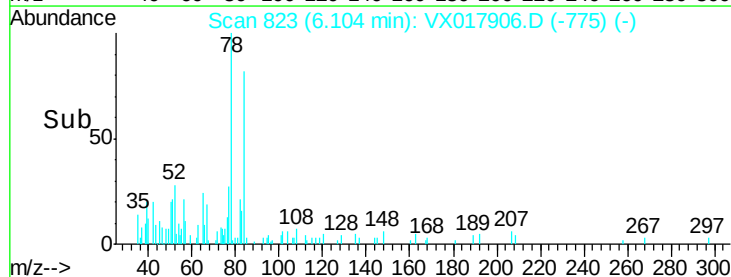
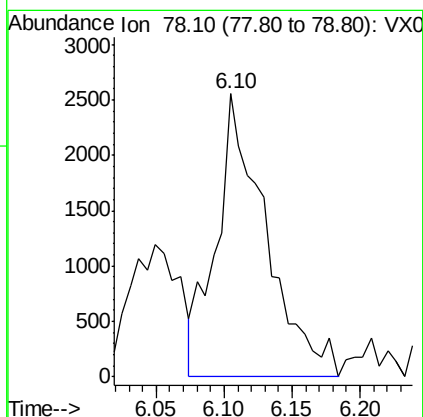
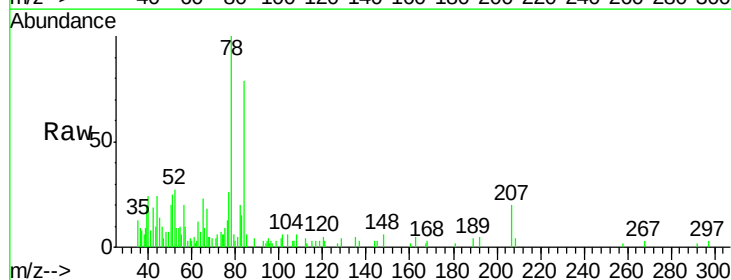
Instrument :
MSVOA_X
ClientSampled :
F4M11

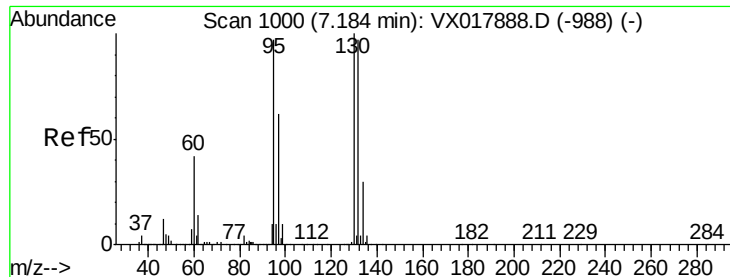
Tgt Ion: 83 Resp: 13726
Ion Ratio Lower Upper
83 100
85 46.6 44.7 83.1



#33
Benzene
Concen: 0.073 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017906.D
Acq: 14 Aug 2020 18:26

Tgt Ion: 78 Resp: 6478





#34

Trichloroethene

Concen: 0.269 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

F4M11

Tgt Ion: 95 Resp: 6977

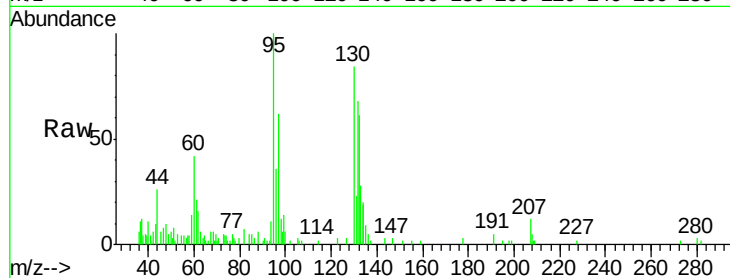
Ion Ratio Lower Upper

95 100

97 61.5 46.1 85.5

132 128.5 66.0 122.6#

130 84.3 71.7 133.1

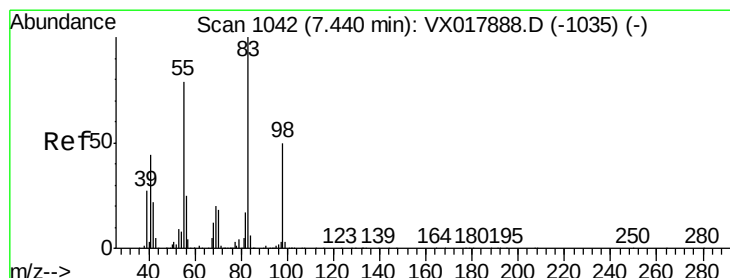
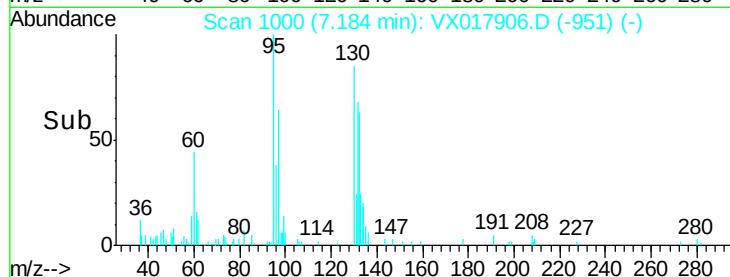
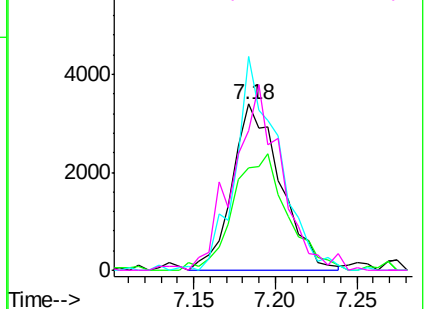


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

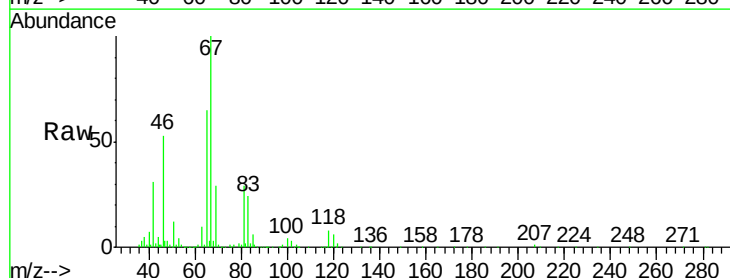
Tgt Ion: 83 Resp: 26508

Ion Ratio Lower Upper

83 100

55 1.9 62.4 93.6#

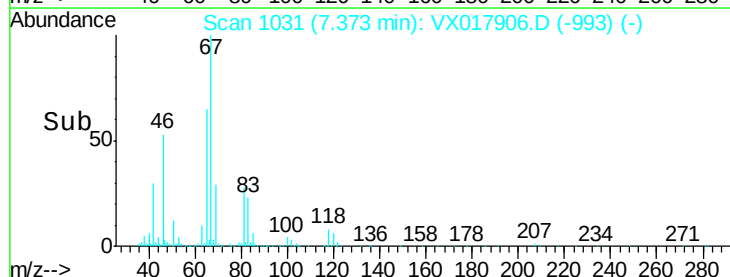
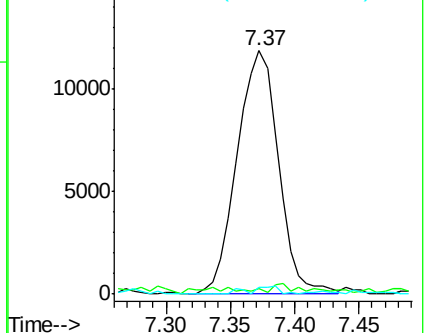
98 1.6 38.0 57.0#

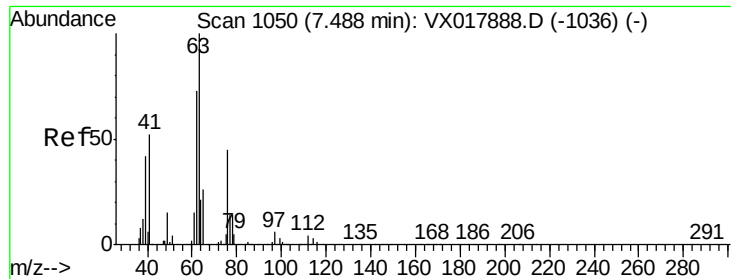


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

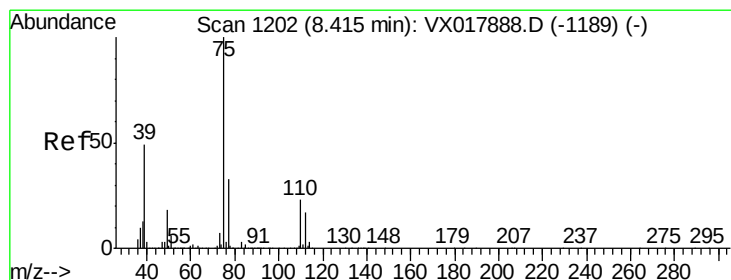
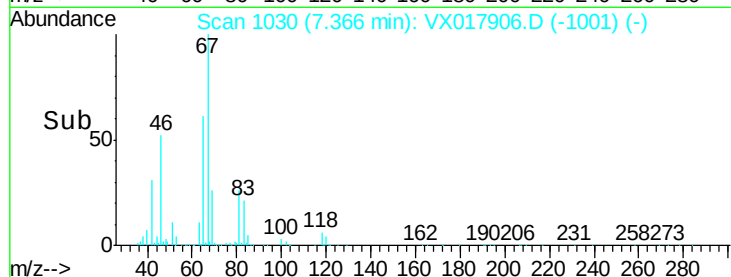
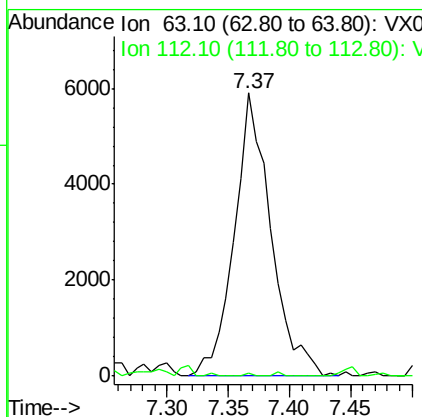
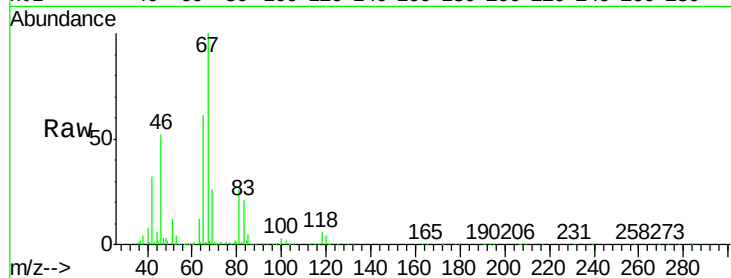




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017906.D
 Acq: 14 Aug 2020 18:26

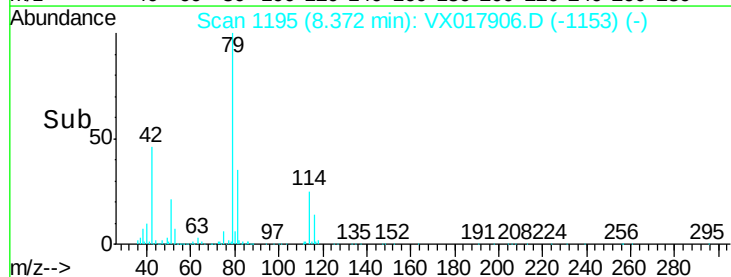
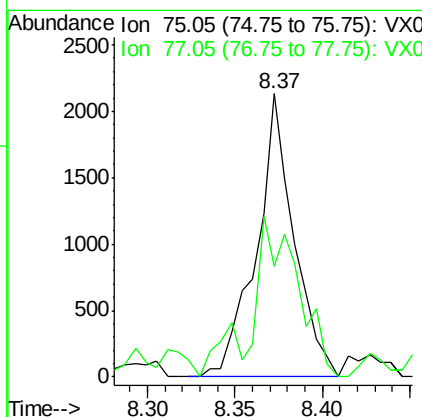
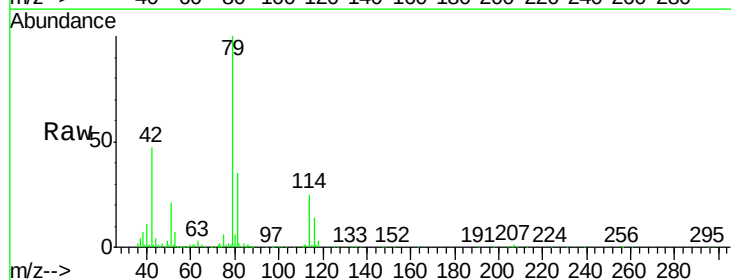
Instrument :
 MSVOA_X
 ClientSampled :
 F4M11

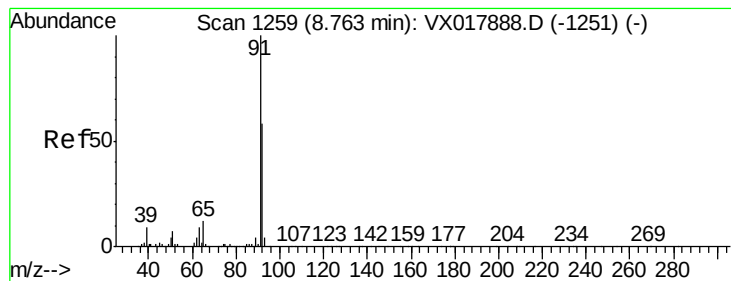
Tgt Ion: 63 Resp: 12340
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX017906.D
 Acq: 14 Aug 2020 18:26

Tgt Ion: 75 Resp: 3210
 Ion Ratio Lower Upper
 75 100
 77 39.0 22.2 41.2





#42

Toluene

Concen: 0.111 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017906.D

Acq: 14 Aug 2020 18:26

Instrument :

MSVOA_X

ClientSampleId :

F4M11

Tgt Ion: 91 Resp: 10693

Ion Ratio Lower Upper

91 100

92 50.7 38.8 72.0

