

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017830.D
 Acq On : 07 Aug 2020 17:14
 Operator : JC/SP
 Sample : L3600-10
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 00:10:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	293372	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275835	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	131559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	98250	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.69	69	83712	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.34	63	151393	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.53	46	301376	55.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.96%
24) Chloroform-d	5.14	84	202925	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	6.04	65	117164	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	6.05	84	385671	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	7.37	67	121720	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	8.70	98	347276	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
45) trans-1,3-Dichloropropene-	8.99	79	49490	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
48) 2-Hexanone-d5	9.43	63	231113	54.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	93683	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	135991	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

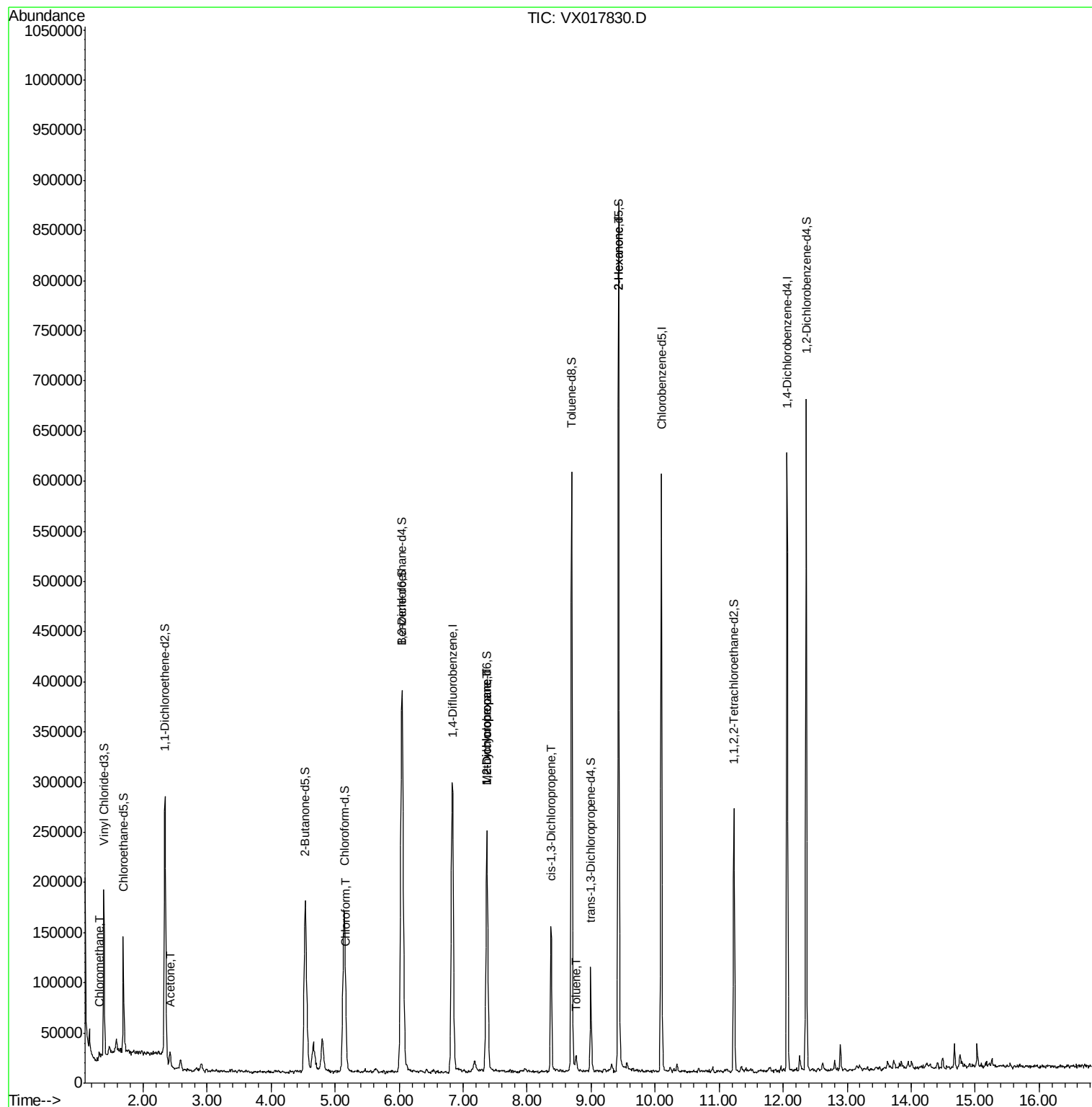
					Ovalue
3) Chloromethane	1.31	50	3194	0.115 ug/L	94
13) Acetone	2.42	43	16261	4.134 ug/L	94
25) Chloroform	5.17	83	6316	0.129 ug/L	92
35) Methylcyclohexane	7.37	83	30363	0.758 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	14510	0.591 ug/L #	89
39) cis-1,3-Dichloropropene	8.38	75	4561	0.121 ug/L	92
42) Toluene	8.77	91	9136	0.086 ug/L	96
50) 2-Hexanone	9.43	43	28452	2.483 ug/L #	69

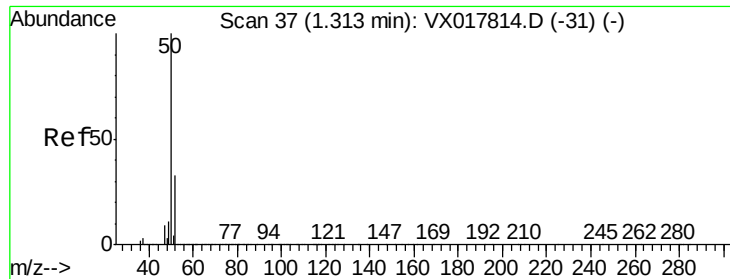
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017830.D

Acq: 07 Aug 2020 17:14

Instrument :

MSVOA_X

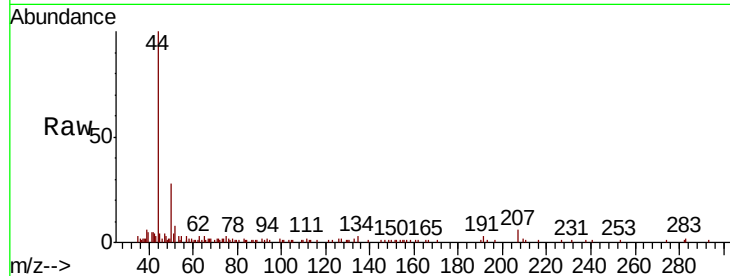
ClientSampleId :

Tot Ion: 50 Resp: 3194

Ion Ratio Lower Upper

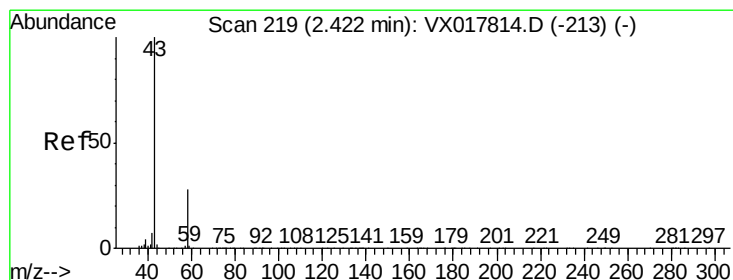
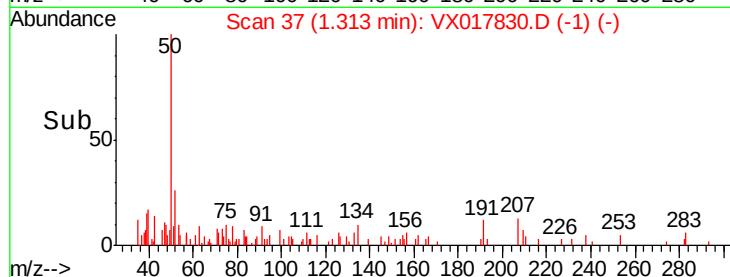
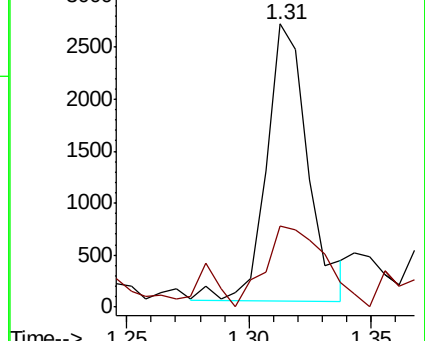
50 100

52 28.7 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 4.134 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017830.D

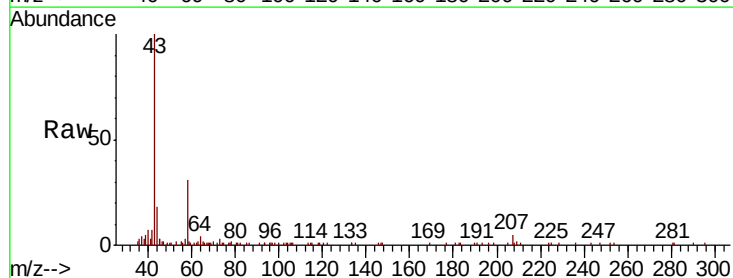
Acq: 07 Aug 2020 17:14

Tgt Ion: 43 Resp: 16261

Ion Ratio Lower Upper

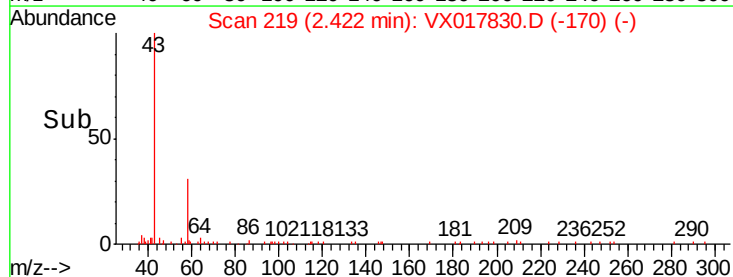
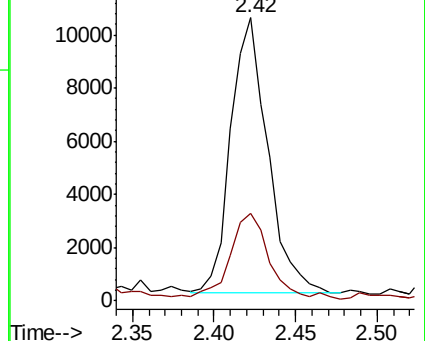
43 100

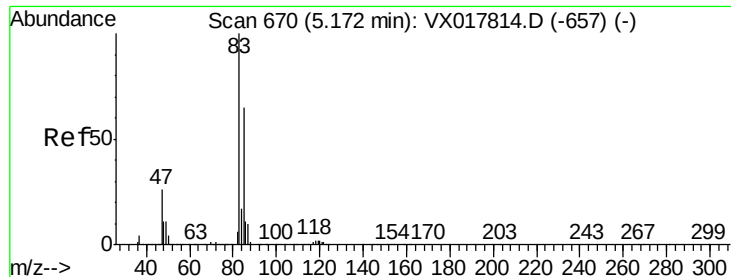
58 33.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

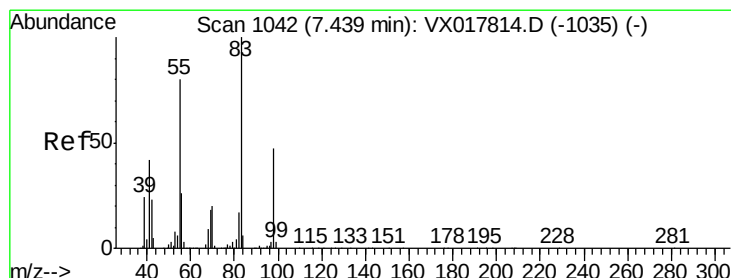
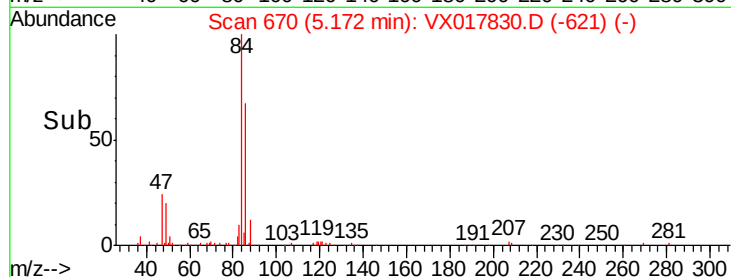
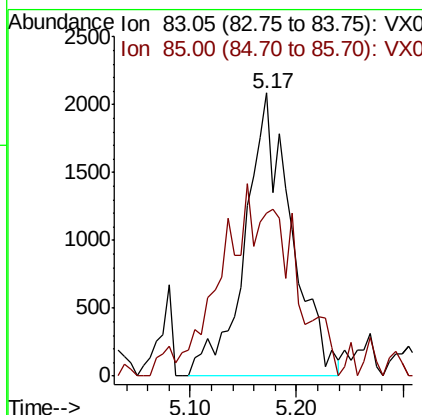
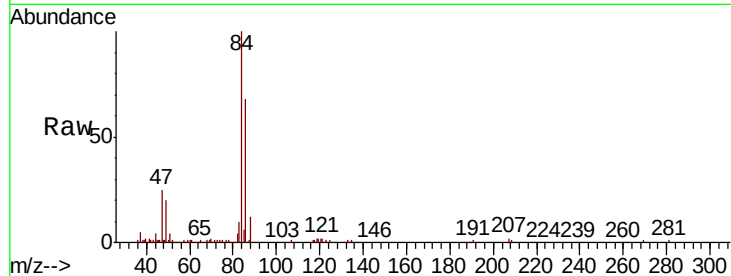




#25
Chloroform
Concen: 0.129 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017830.D
Acq: 07 Aug 2020 17:14

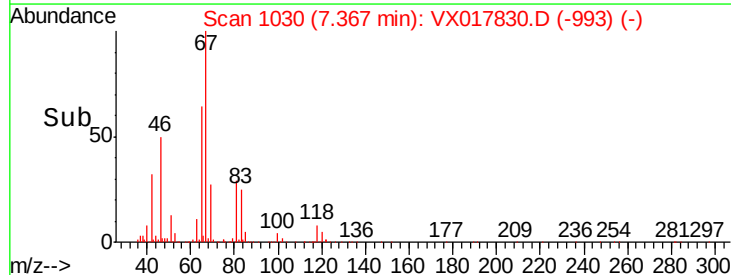
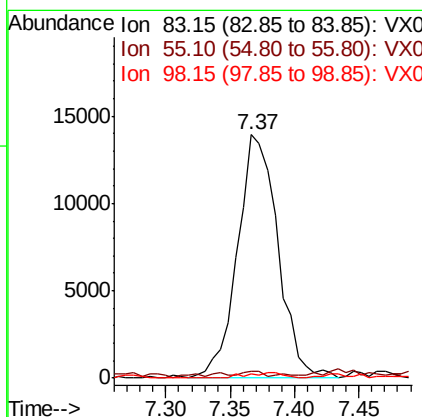
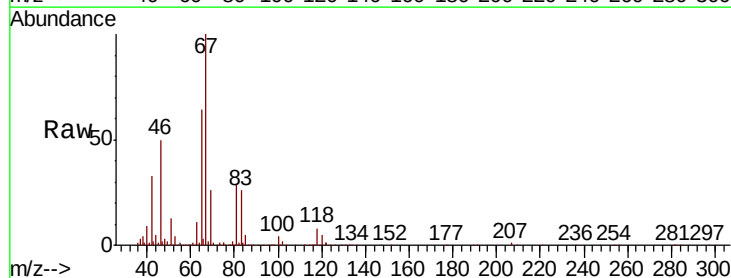
Instrument :
MSVOA_X
ClientSampleId :

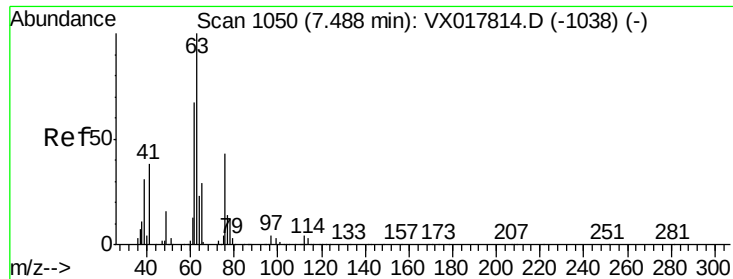
Tot Ion: 83 Resp: 6316
Ion Ratio Lower Upper
83 100
85 57.8 44.7 83.1



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017830.D
Acq: 07 Aug 2020 17:14

Tgt Ion: 83 Resp: 30363
Ion Ratio Lower Upper
83 100
55 1.1 62.4 93.6#
98 2.1 38.0 57.0#

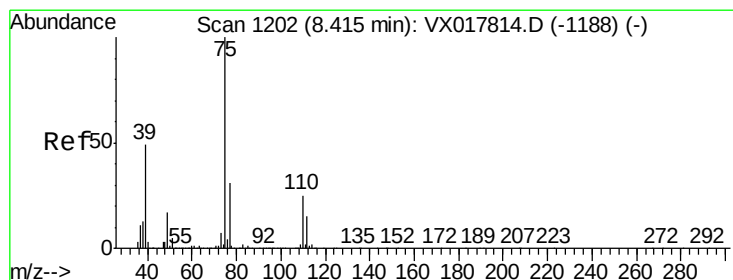
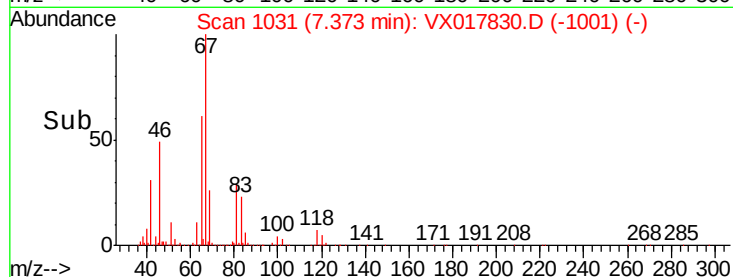
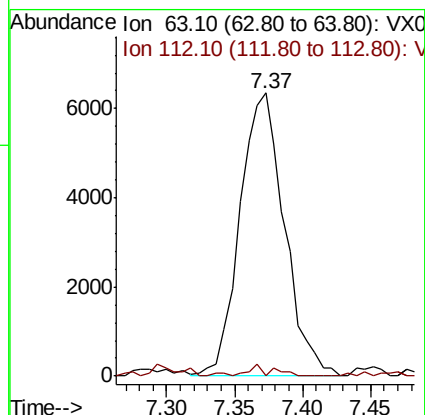
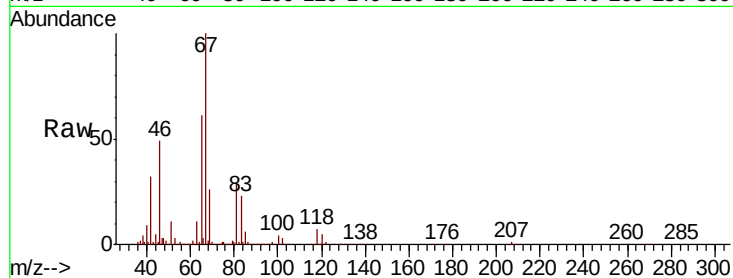




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX017830.D
 Acq: 07 Aug 2020 17:14

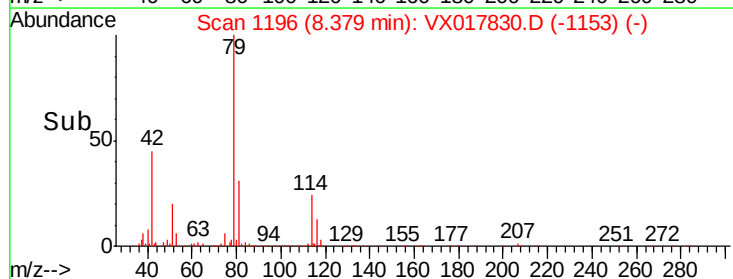
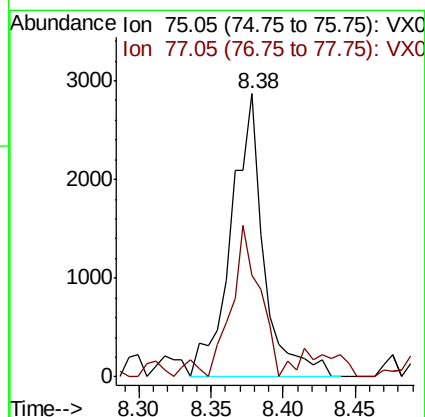
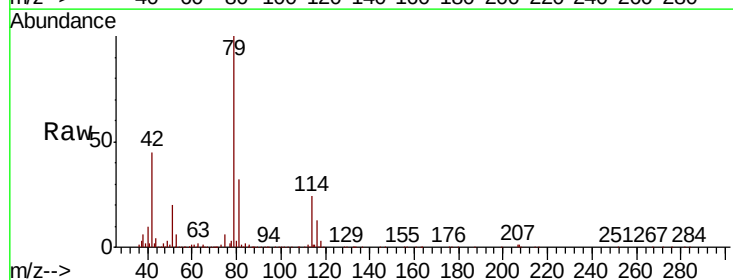
Instrument :
 MSVOA_X
 ClientSampleId :

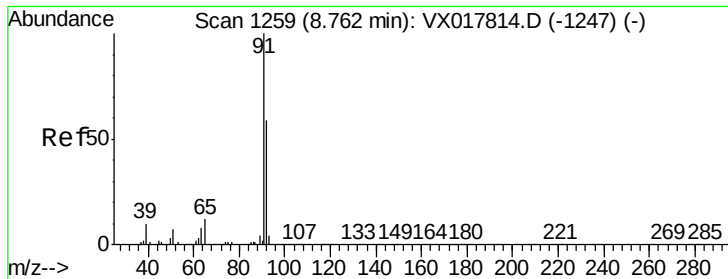
Tot Ion: 63 Resp: 14510
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 8.38 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VX017830.D
 Acq: 07 Aug 2020 17:14

Tgt Ion: 75 Resp: 4561
 Ion Ratio Lower Upper
 75 100
 77 36.0 22.2 41.2





#42

Toluene

Concen: 0.086 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017830.D

Acq: 07 Aug 2020 17:14

Instrument :

MSVOA_X

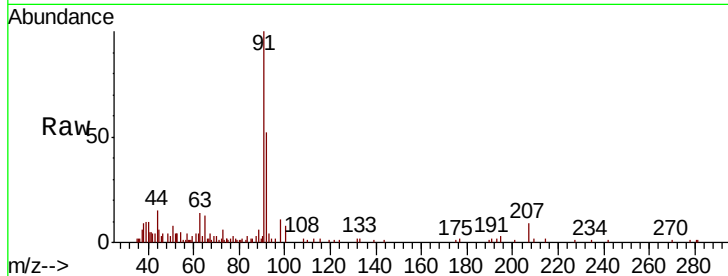
ClientSampleId :

Tot Ion: 91 Resp: 9136

Ion Ratio Lower Upper

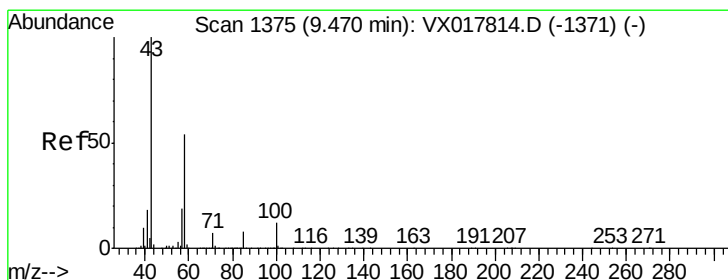
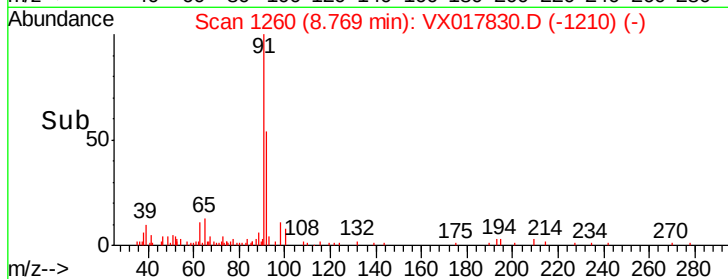
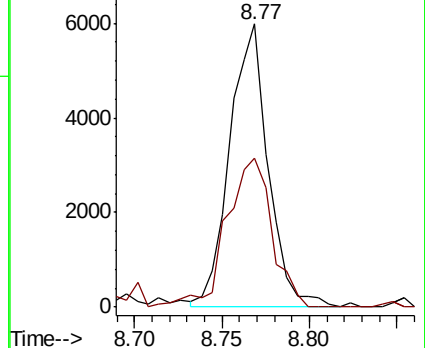
91 100

92 52.5 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#50

2-Hexanone

Concen: 2.483 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017830.D

Acq: 07 Aug 2020 17:14

Tgt Ion: 43 Resp: 28452

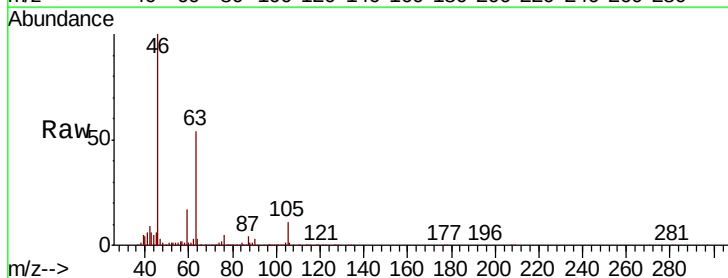
Ion Ratio Lower Upper

43 100

58 29.0 43.0 64.6#

57 29.6 15.0 22.4#

100 2.8 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0

