

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017891.D
 Acq On : 14 Aug 2020 11:26
 Operator : JC/SP
 Sample : L3643-03DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4DL

Quant Time: Aug 17 01:29:38 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	370564	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	365459	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	159202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101586	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.70	69	81559	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.34	63	145110	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.54	46	221057	32.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.02%
24) Chloroform-d	5.14	84	174639	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.20%#
26) 1,2-Dichloroethane-d4	6.03	65	102385	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
32) Benzene-d6	6.05	84	332879	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.40%#
36) 1,2-Dichloropropane-d6	7.37	67	110223	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.00%
41) Toluene-d8	8.70	98	304098	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
45) trans-1,3-Dichloropropene-	8.99	79	44161	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
48) 2-Hexanone-d5	9.43	63	190635	34.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	82424	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	119397	3.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.00%#

Target Compounds

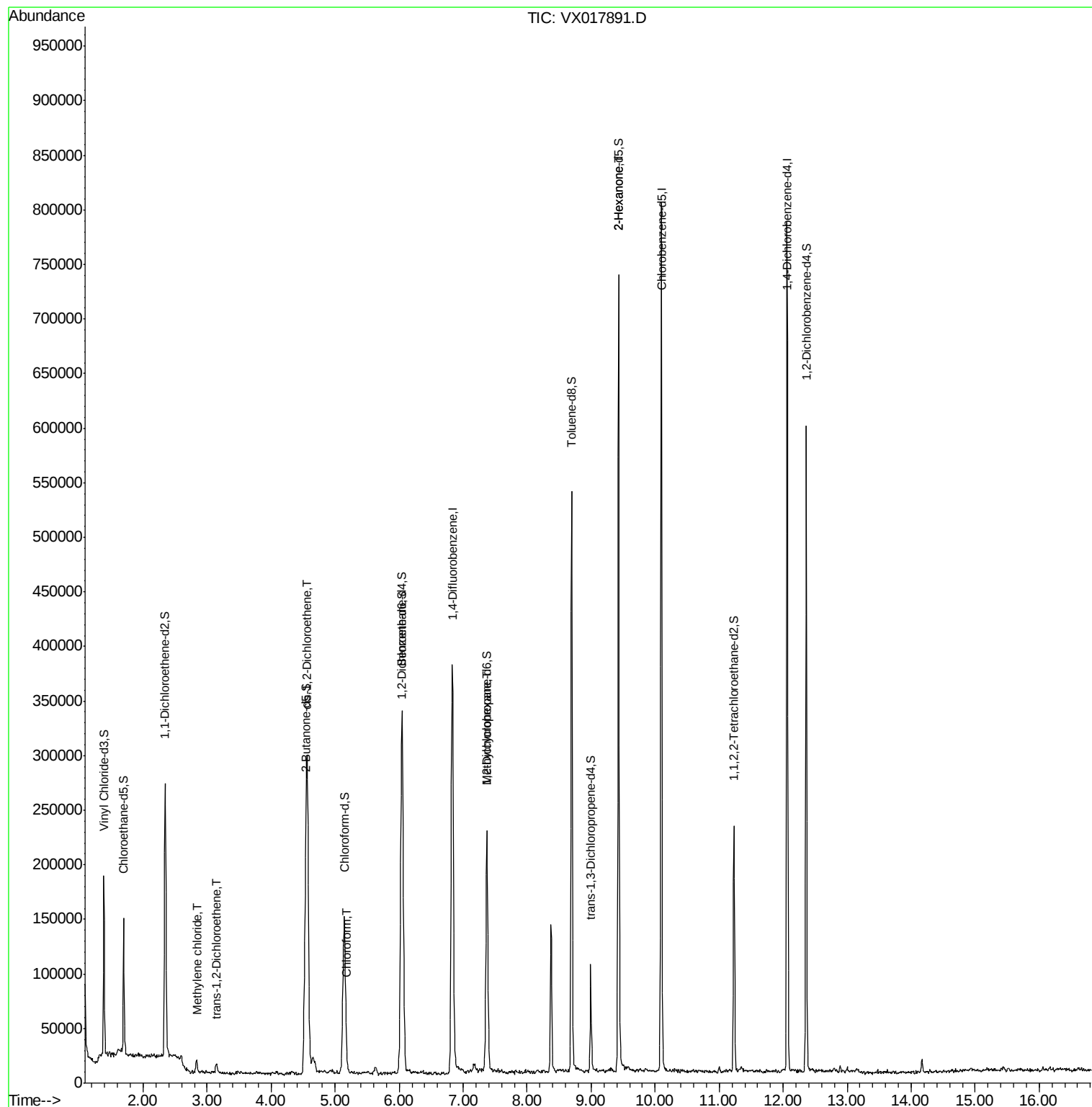
					Qvalue
16) Methylene chloride	2.84	84	4707	0.120 ug/L	87
18) trans-1,2-Dichloroethene	3.15	96	4008	0.124 ug/L	95
22) cis-1,2-Dichloroethene	4.57	96	151711	4.486 ug/L #	97
25) Chloroform	5.18	83	6179	0.100 ug/L	82
35) Methylcyclohexane	7.37	83	28815	0.543 ug/L #	21
50) 2-Hexanone	9.43	43	25158	1.657 ug/L #	67

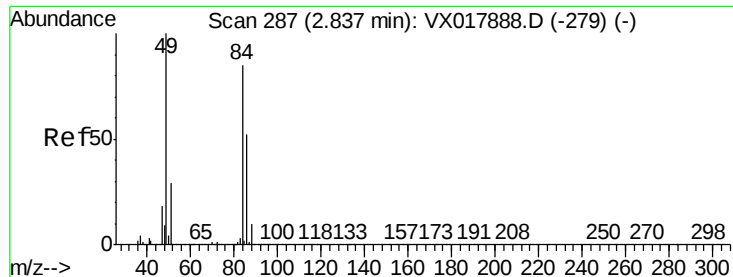
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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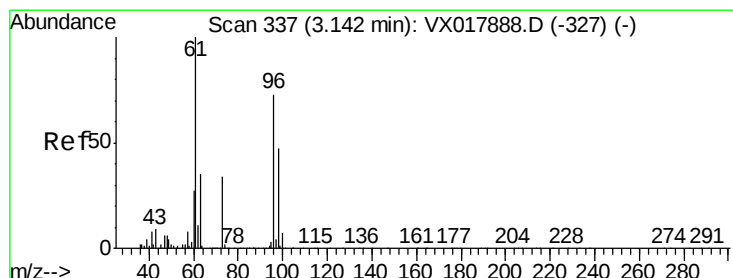
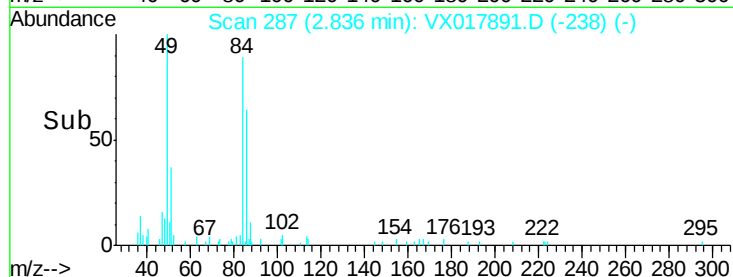
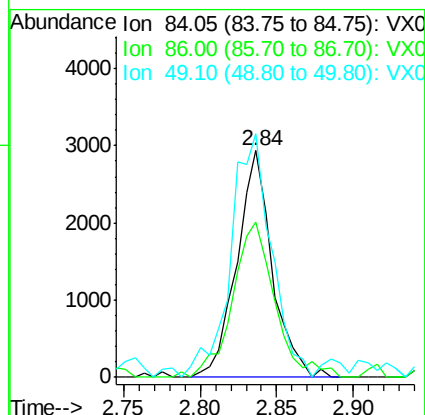
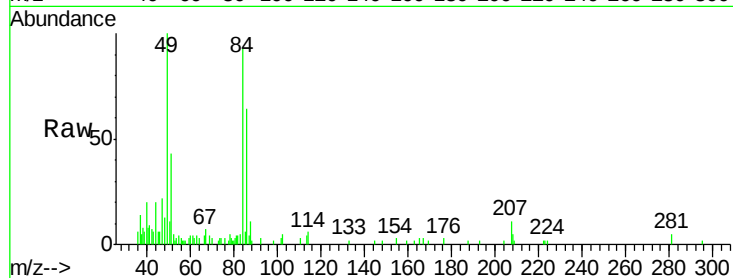




#16
Methylene chloride
Concen: 0.120 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017891.D
Acq: 14 Aug 2020 11:26

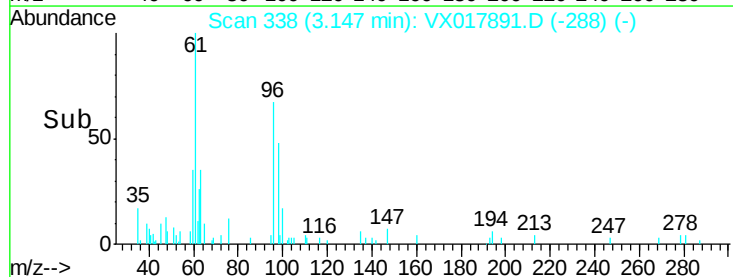
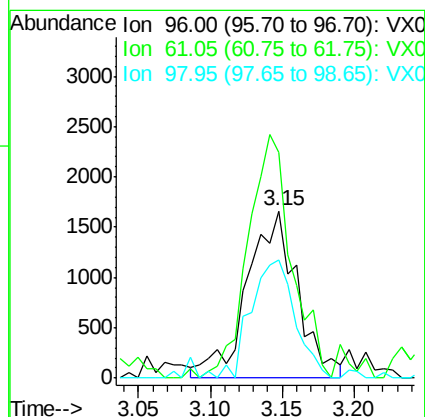
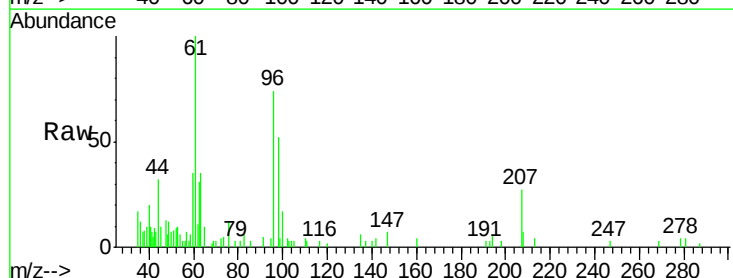
Instrument :
MSVOA_X
ClientSampleId :
BG0A4DL

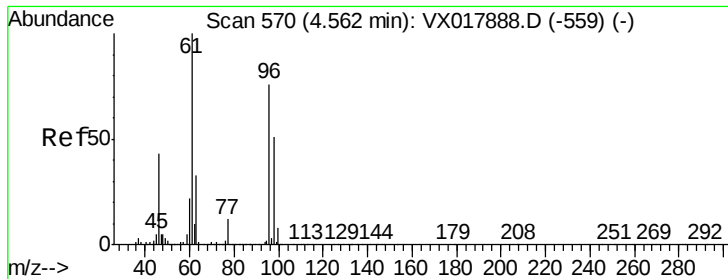
Tgt Ion: 84 Resp: 4707
Ion Ratio Lower Upper
84 100
86 68.5 43.0 80.0
49 107.4 86.9 161.3



#18
trans-1,2-Dichloroethene
Concen: 0.124 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017891.D
Acq: 14 Aug 2020 11:26

Tgt Ion: 96 Resp: 4008
Ion Ratio Lower Upper
96 100
61 135.2 98.4 182.8
98 70.3 44.9 83.5



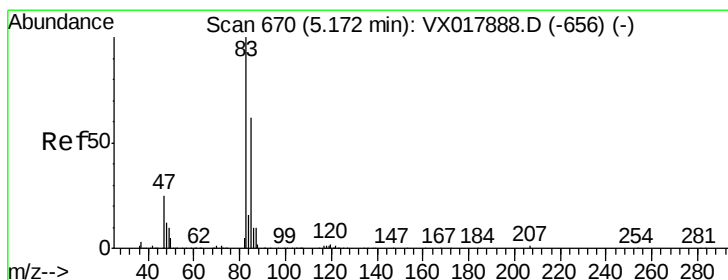
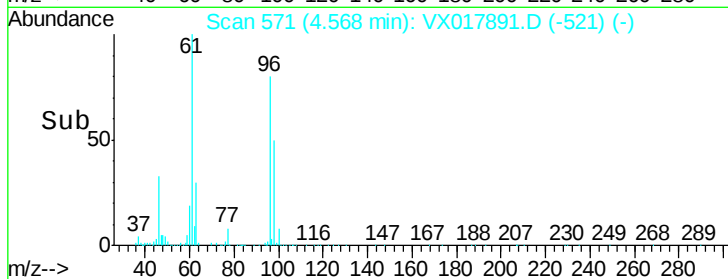
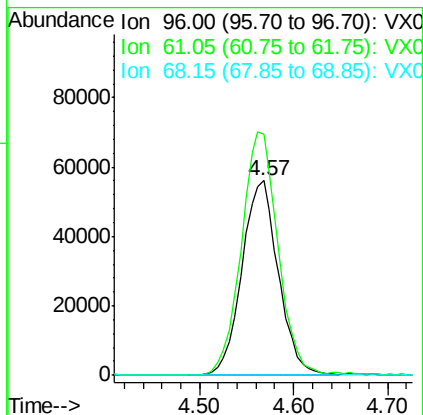
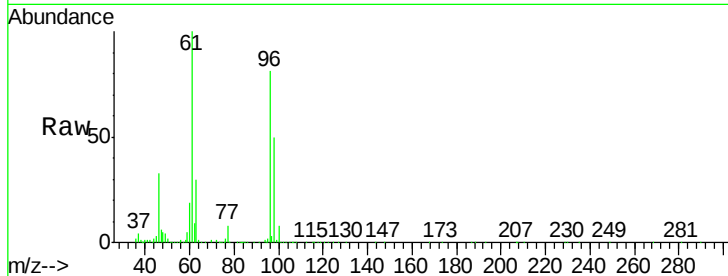


#22

cis-1,2-Dichloroethene
 Concen: 4.486 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017891.D
 Acq: 14 Aug 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0A4DL

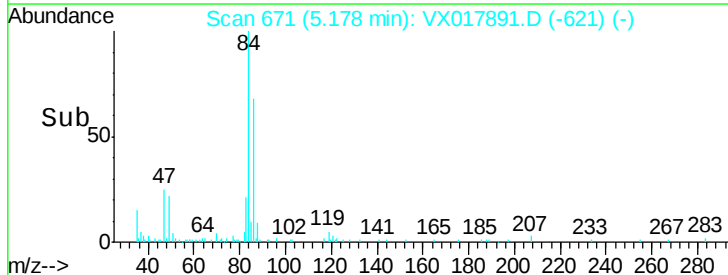
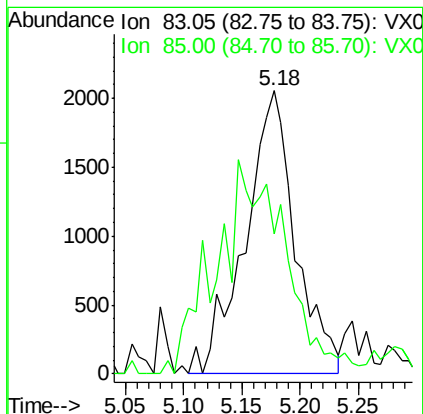
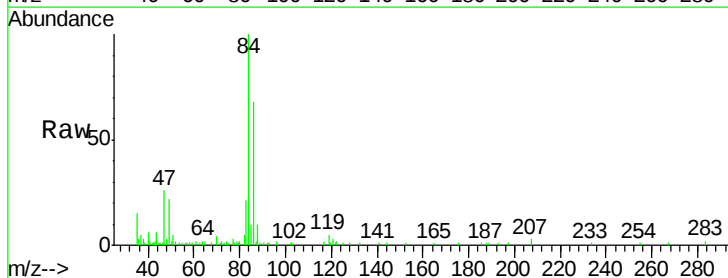
Tgt Ion: 96 Resp: 151711
 Ion Ratio Lower Upper
 96 100
 61 123.8 88.8 165.0
 68 0.0 0.2 0.4#

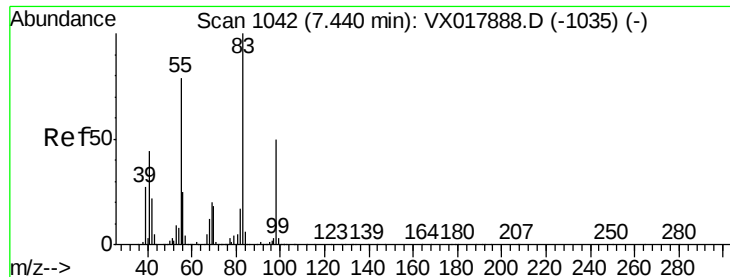


#25

Chloroform
 Concen: 0.100 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX017891.D
 Acq: 14 Aug 2020 11:26

Tgt Ion: 83 Resp: 6179
 Ion Ratio Lower Upper
 83 100
 85 49.5 44.7 83.1

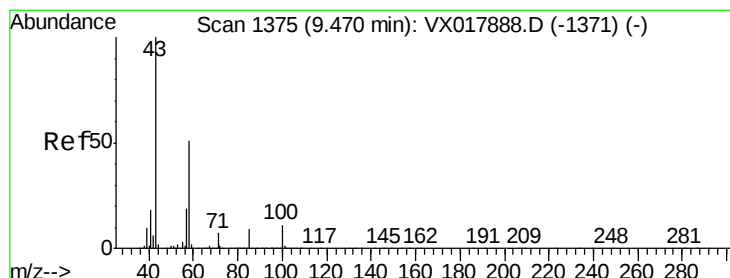
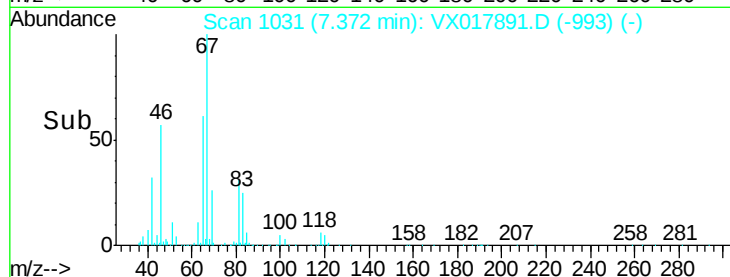
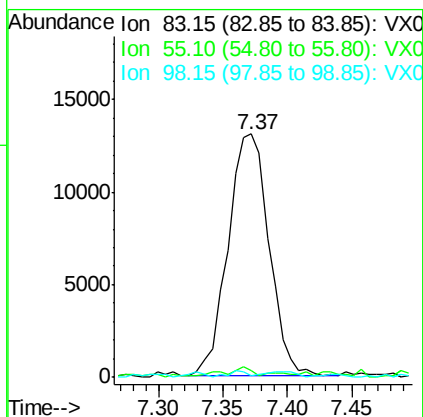
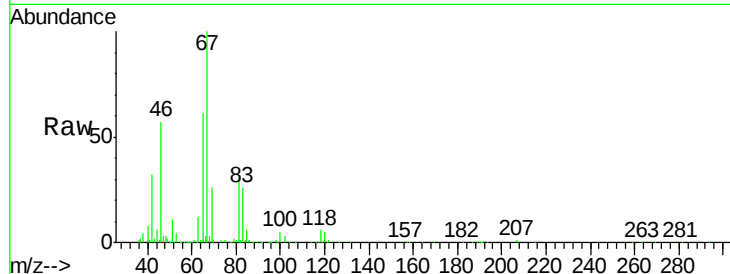




#35
Methylcyclohexane
Concen: 0.543 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017891.D
Acq: 14 Aug 2020 11:26

Instrument :
MSVOA_X
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BG0A4DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	3.4	62.4	93.6#
98	1.2	38.0	57.0#



#50
2-Hexanone
Concen: 1.657 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX017891.D
Acq: 14 Aug 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	43.0	64.6#
57	34.1	15.0	22.4#
100	3.4	9.2	13.8#

