

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038446.D
 Acq On : 31 May 2020 04:42
 Operator : JC/MD
 Sample : L2788-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:30:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317831	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99394	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	81447	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	146222	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.68	46	377117	60.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.70%
24) Chloroform-d	5.10	84	200983	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	120572	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	401077	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.72	67	125585	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	335663	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	49911	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.66	63	316347	62.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112131	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	138841	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

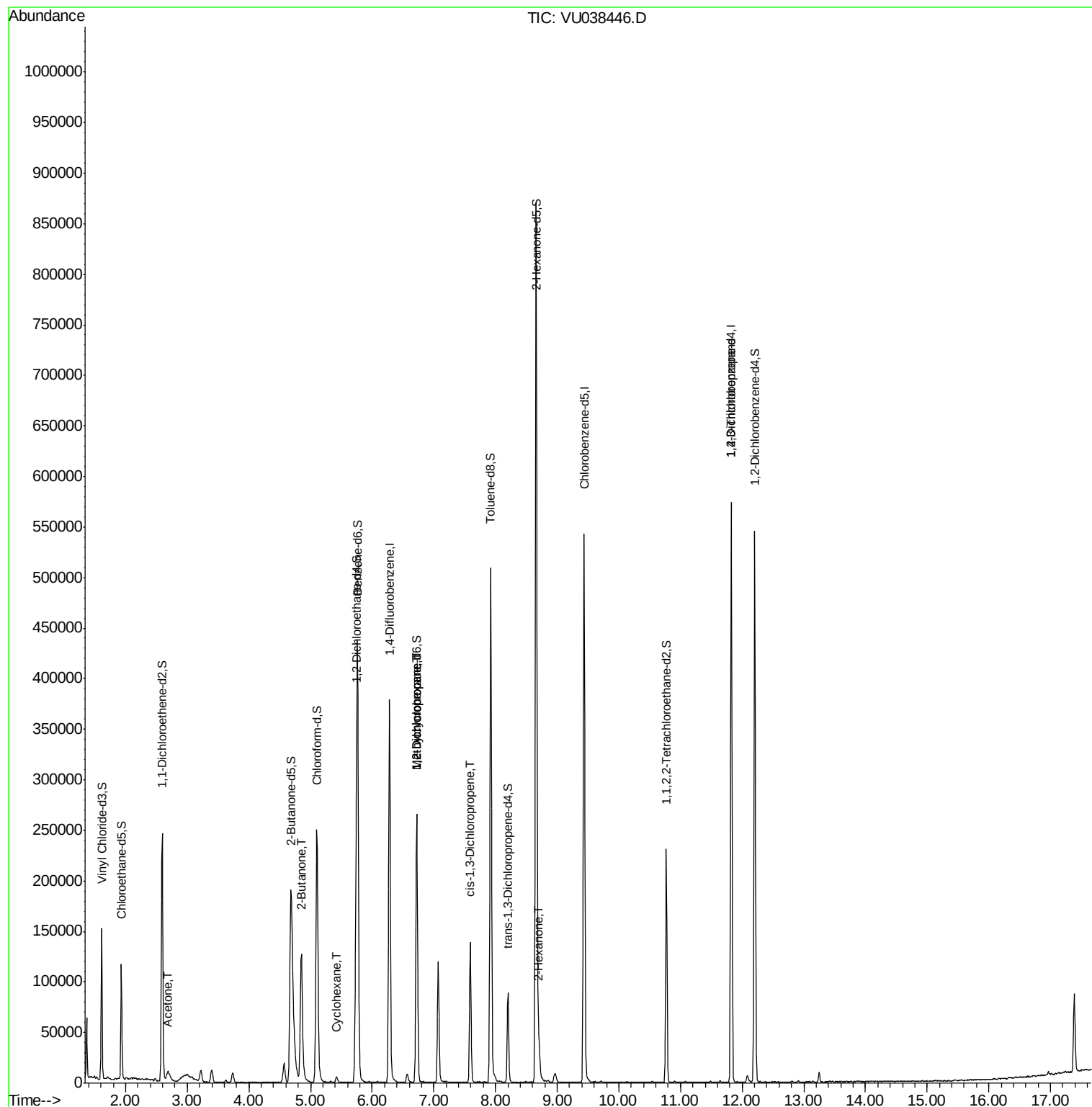
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.69	43	11654	2.850	ug/L	73
21) 2-Butanone	4.85	43	189219	27.509	ug/L #	50
30) Cyclohexane	5.42	56	2686	0.078	ug/L	96
35) Methylcyclohexane	6.72	83	30616	0.879	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14266	0.654	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3377	0.105	ug/L #	51
48) 2-Hexanone	8.71	43	15384	1.302	ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	17758	1.091	ug/L #	88

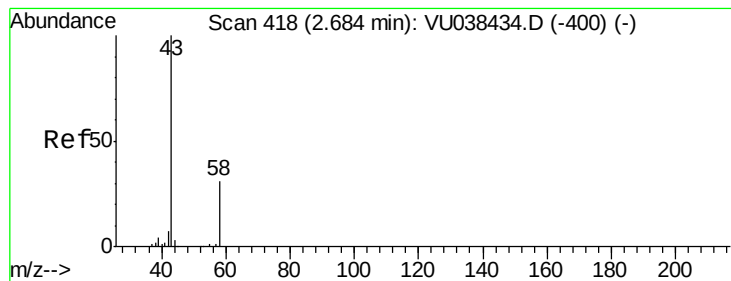
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.850 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU038446.D

Acq: 31 May 2020 04:42

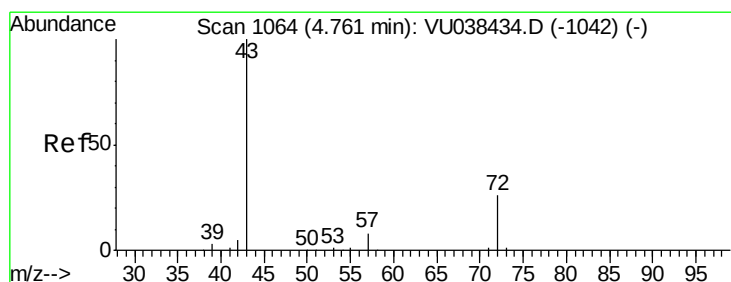
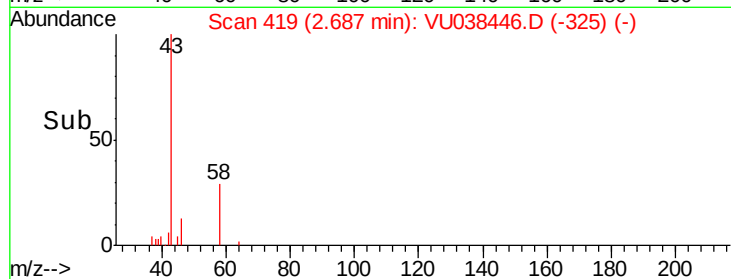
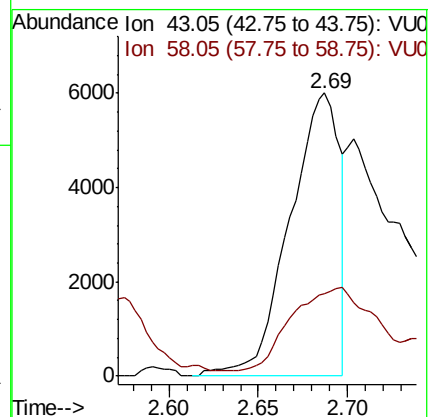
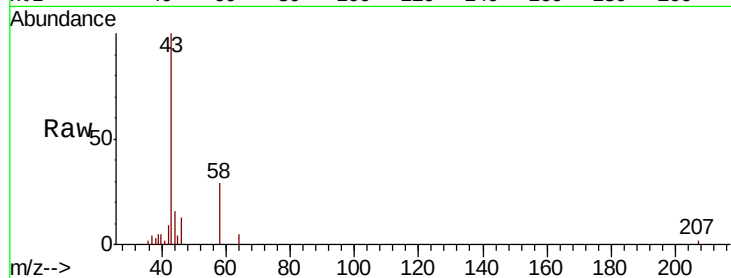
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11654

Ion Ratio Lower Upper

43 100

58 47.9 0.0 65.6



#21

2-Butanone

Concen: 27.509 ug/L

RT: 4.85 min Scan# 1092

Delta R.T. 0.09 min

Lab File: VU038446.D

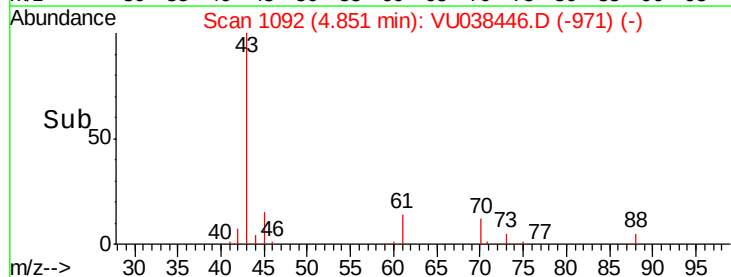
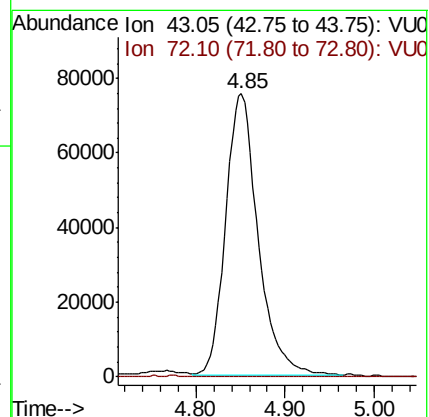
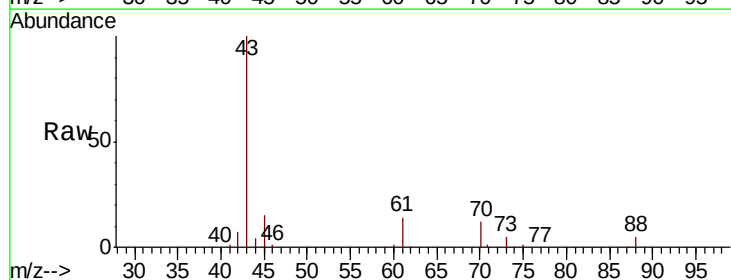
Acq: 31 May 2020 04:42

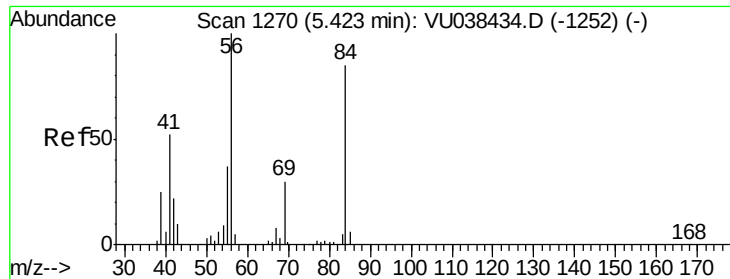
Tgt Ion: 43 Resp: 189219

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.8#

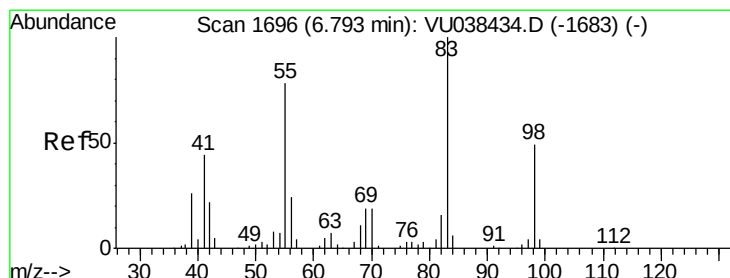
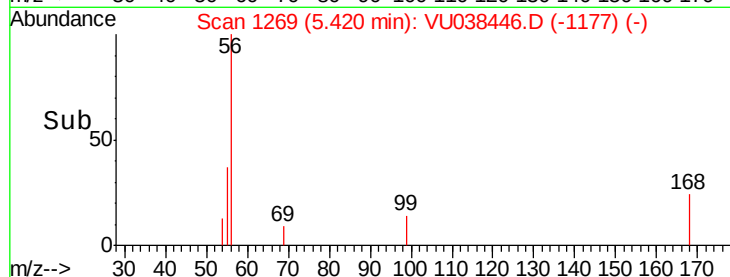
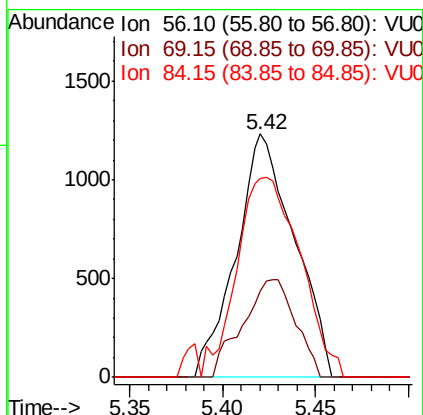
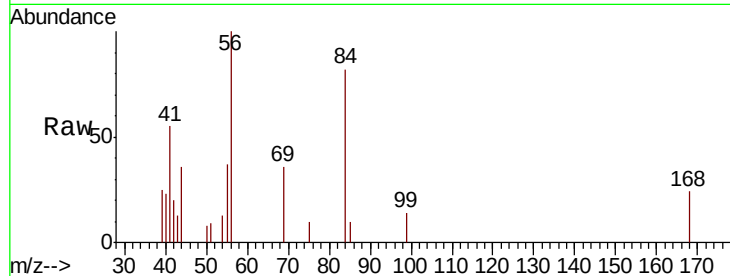




#30
Cyclohexane
Concen: 0.078 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038446.D
Acq: 31 May 2020 04:42

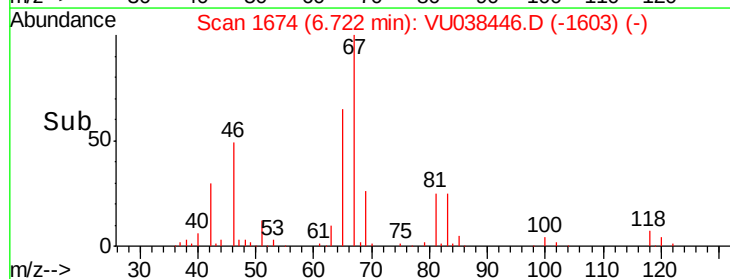
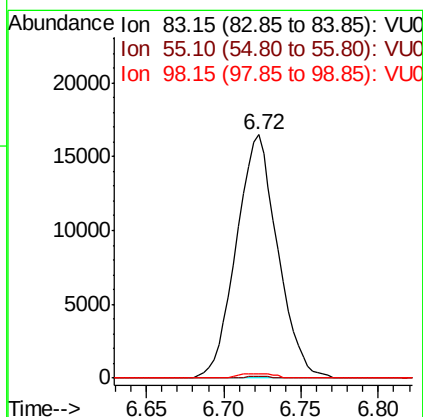
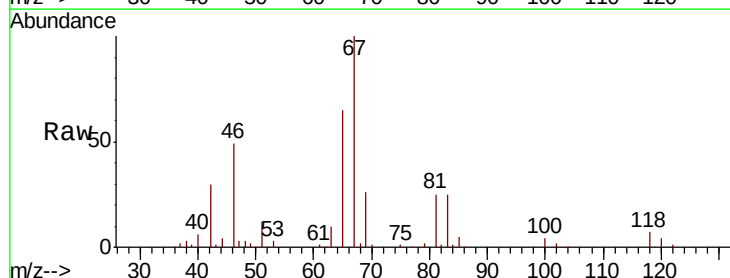
Instrument :
MSVOA_U
ClientSampleId :

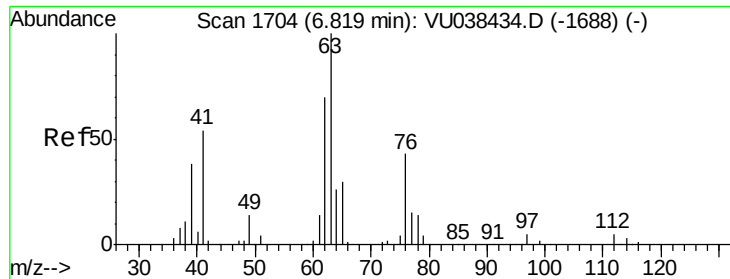
Tot Ion: 56 Resp: 2686
Ion Ratio Lower Upper
56 100
69 36.3 24.2 36.4
84 89.5 70.8 106.2



#35
Methylcyclohexane
Concen: 0.879 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038446.D
Acq: 31 May 2020 04:42

Tgt Ion: 83 Resp: 30616
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.5 39.0 58.4#

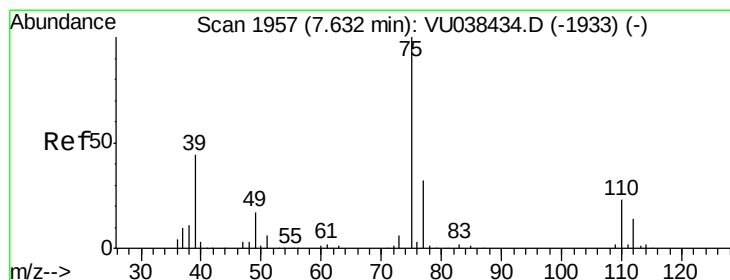
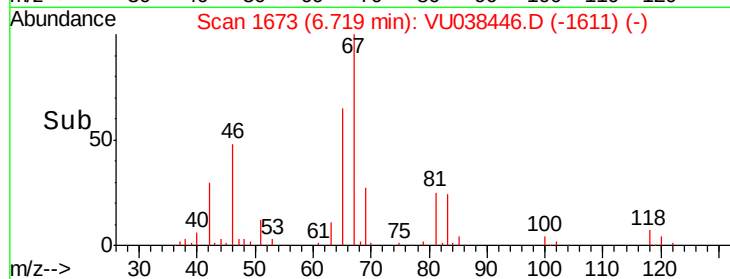
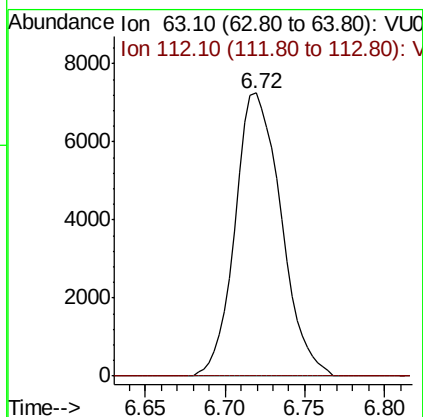
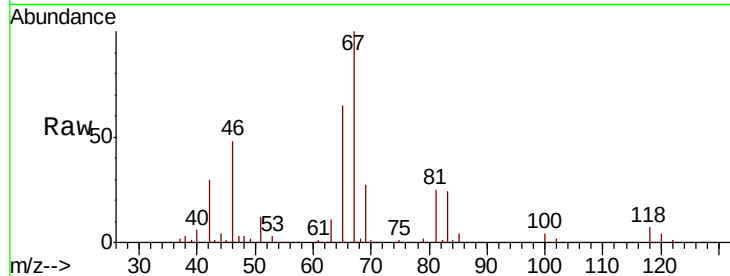




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038446.D
 Acq: 31 May 2020 04:42

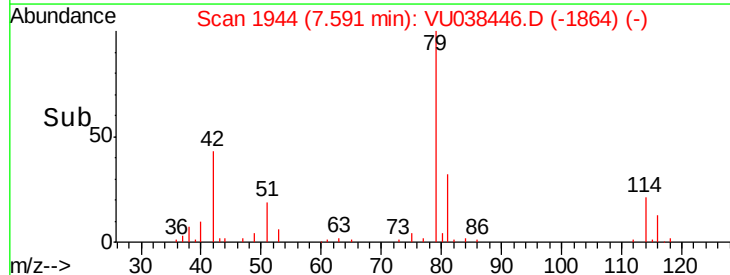
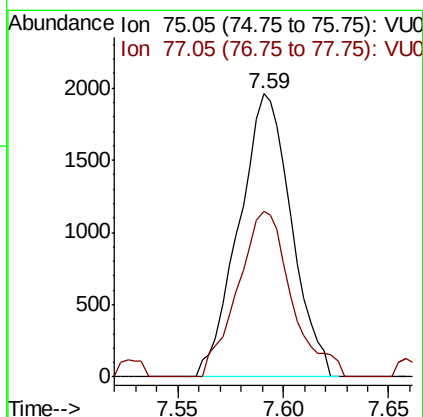
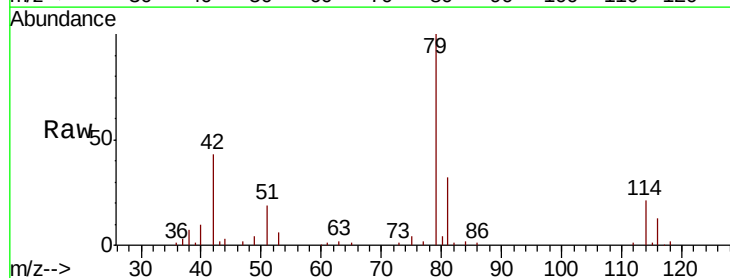
Instrument :
 MSVOA_U
 ClientSampleId :

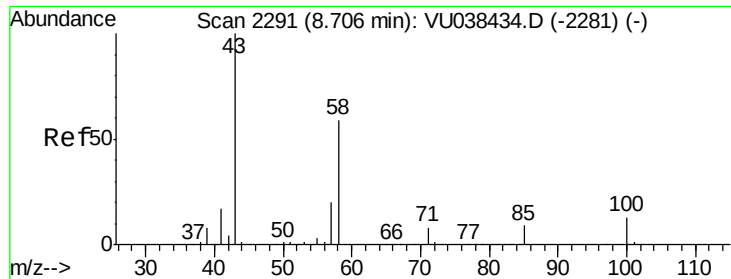
Tot Ion: 63 Resp: 14266
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038446.D
 Acq: 31 May 2020 04:42

Tgt Ion: 75 Resp: 3377
 Ion Ratio Lower Upper
 75 100
 77 58.3 21.9 40.7#

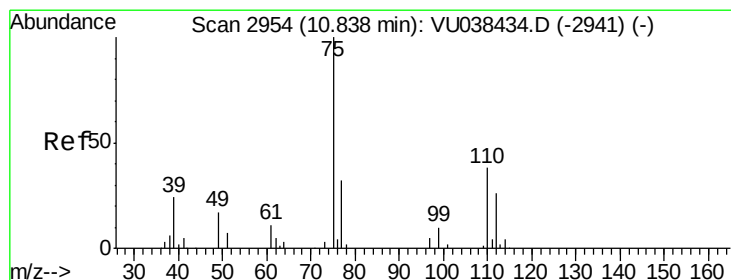
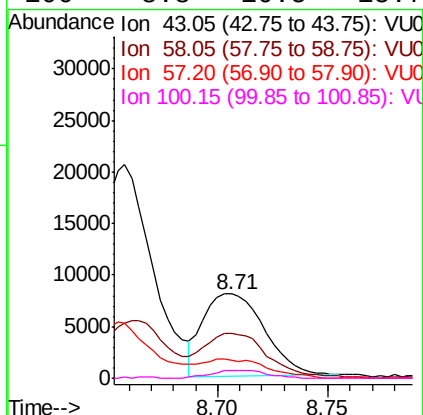
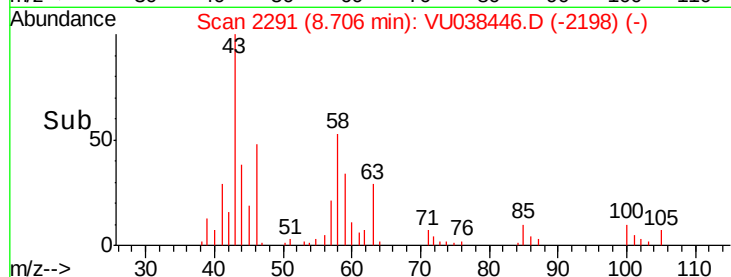
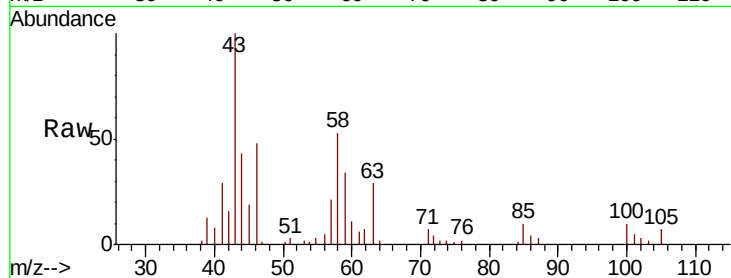




#48
2-Hexanone
Concen: 1.302 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038446.D
Acq: 31 May 2020 04:42

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 15384
Ion Ratio Lower Upper
43 100
58 60.5 45.4 68.0
57 23.5 15.9 23.9
100 8.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038446.D
Acq: 31 May 2020 04:42

Tgt Ion: 75 Resp: 17758
Ion Ratio Lower Upper
75 100
77 38.5 25.4 38.2#

