

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038429.D
 Acq On : 30 May 2020 21:24
 Operator : JC/MD
 Sample : L2787-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:42:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307148	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100450	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	82109	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	147784	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.67	46	347044	57.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.94%
24) Chloroform-d	5.10	84	198148	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	116209	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	404716	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.72	67	125095	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	337923	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	48892	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.65	63	296423	58.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107992	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	136042	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

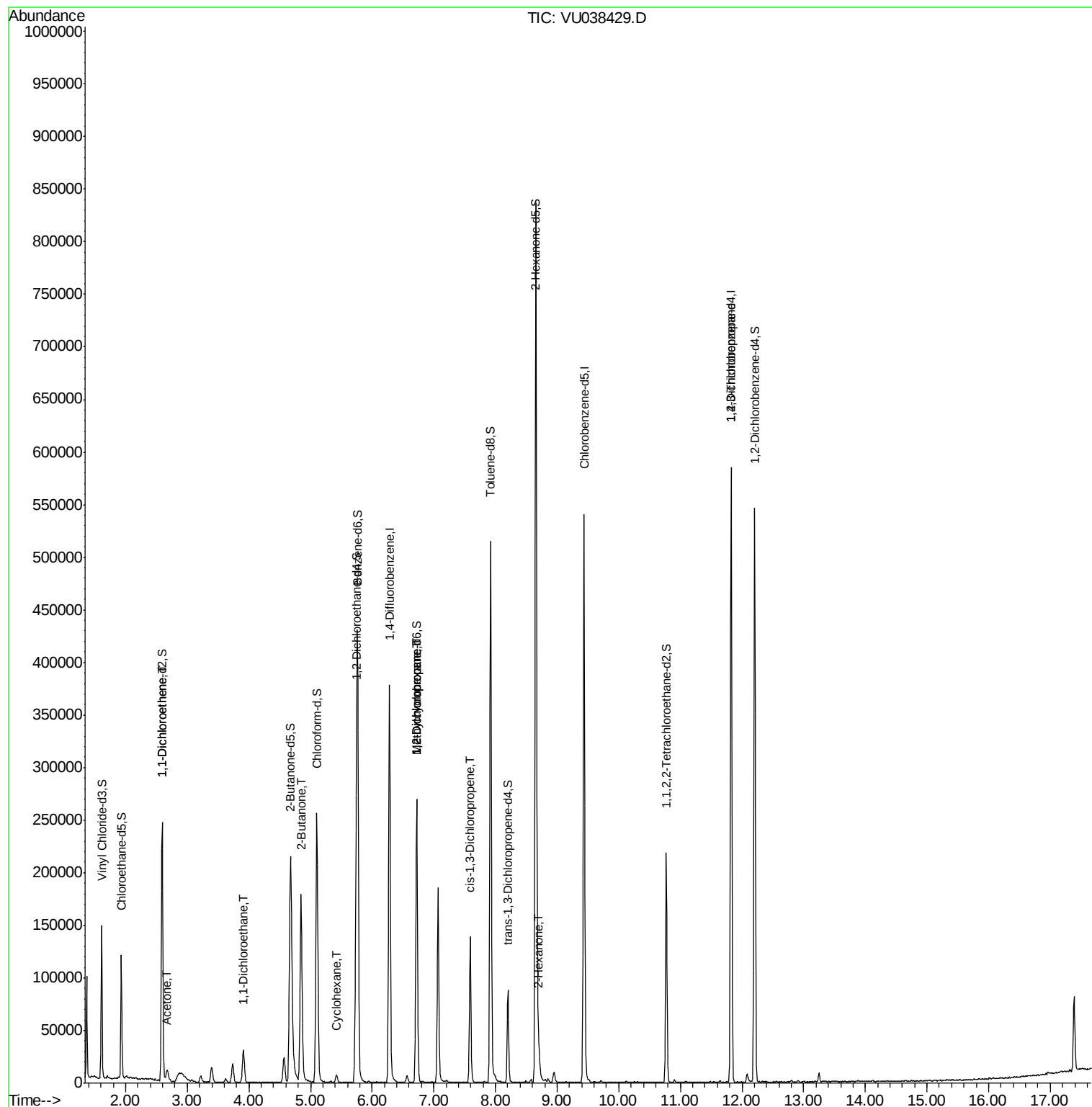
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2255	0.119	ug/L #	1
13) Acetone	2.67	43	19854	5.024	ug/L	66
19) 1,1-Dichloroethane	3.91	63	35824	0.982	ug/L	97
21) 2-Butanone	4.84	43	244663	36.807	ug/L #	51
30) Cyclohexane	5.42	56	3000	0.087	ug/L	93
35) Methylcyclohexane	6.72	83	29571	0.851	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13403	0.616	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3453	0.107	ug/L #	52
48) 2-Hexanone	8.71	43	14088	1.196	ug/L	95
59) 1,2,3-Trichloropropane	11.82	75	18150	1.118	ug/L	89

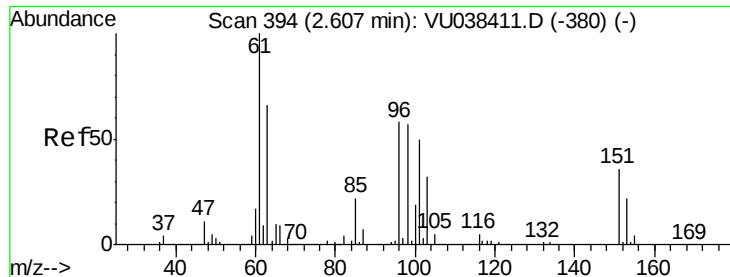
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.60 min Scan# 393

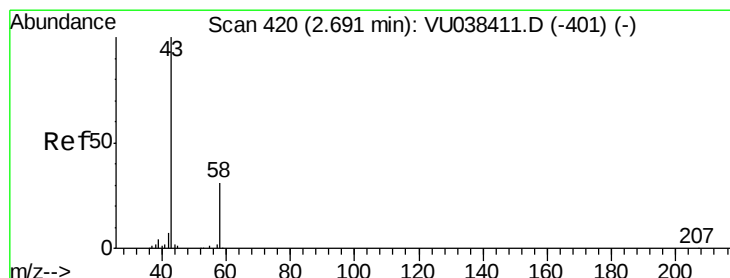
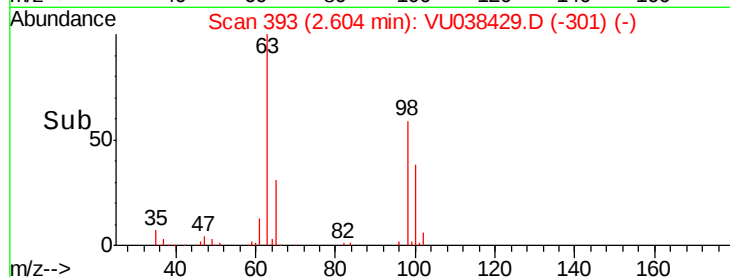
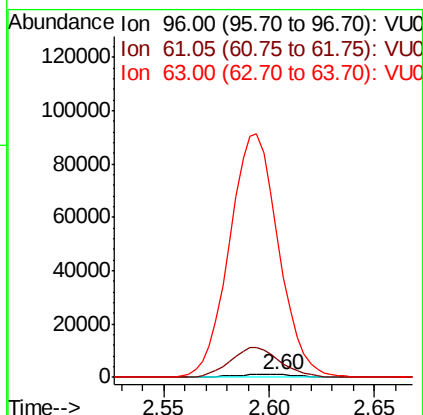
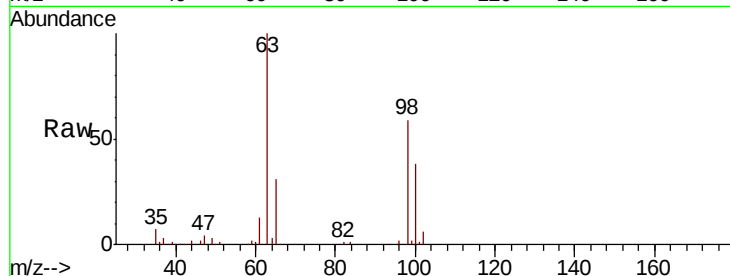
Delta R.T. -0.00 min

Lab File: VU038429.D

Acq: 30 May 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 2255
Ion Ratio Lower Upper
96 100
61 660.3 119.9 222.7#
63 5012.4 89.9 167.0#



#13

Acetone

Concen: 5.024 ug/L

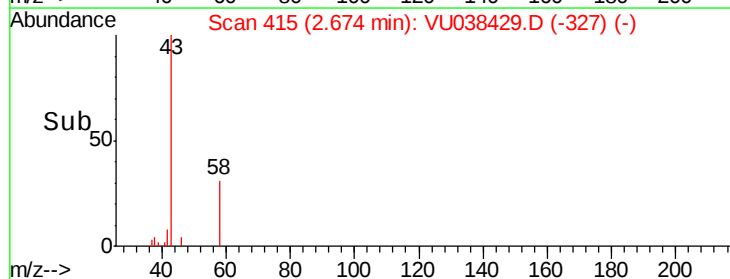
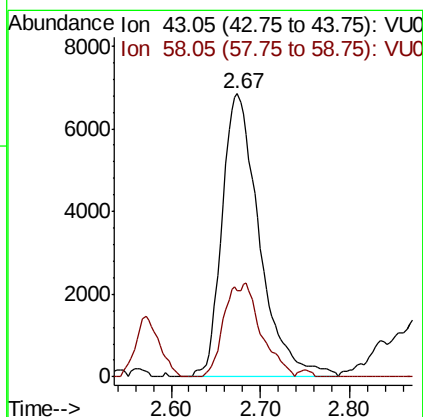
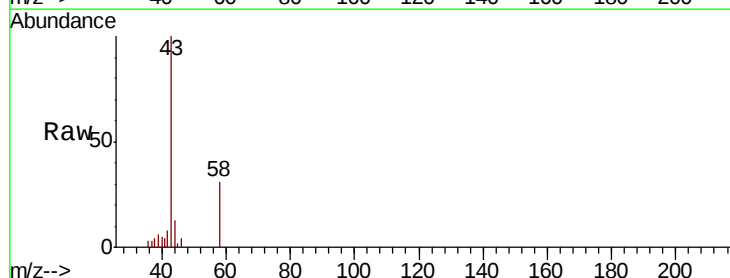
RT: 2.67 min Scan# 415

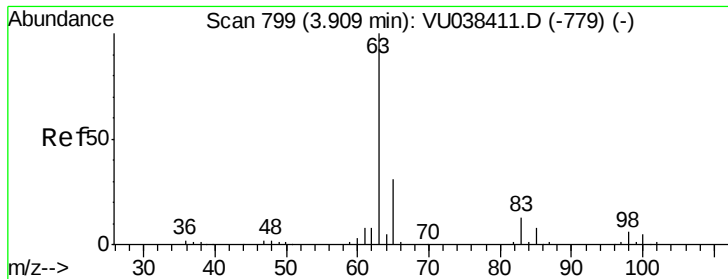
Delta R.T. -0.02 min

Lab File: VU038429.D

Acq: 30 May 2020 21:24

Tgt Ion: 43 Resp: 19854
Ion Ratio Lower Upper
43 100
58 13.5 0.0 65.6

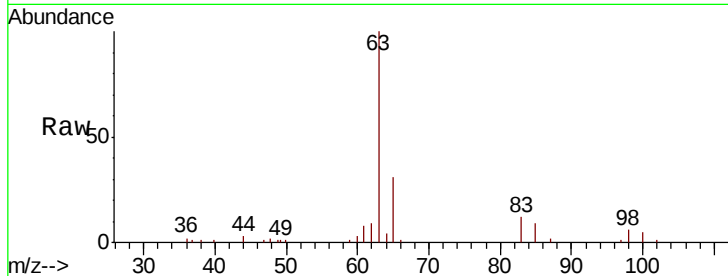




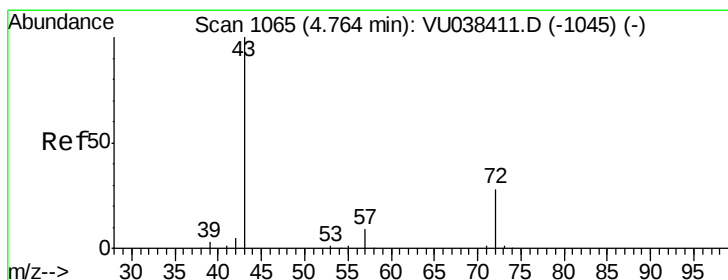
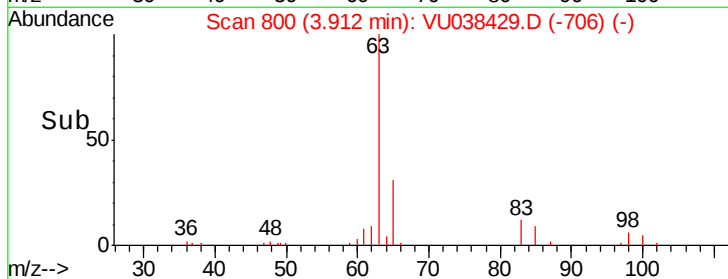
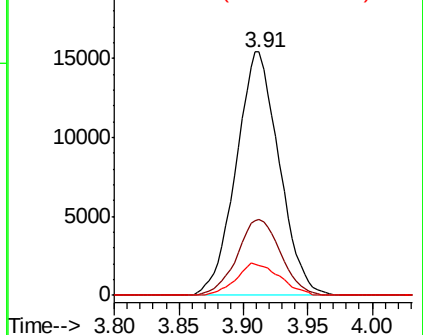
#19
 1,1-Dichloroethane
 Concen: 0.982 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038429.D
 Acq: 30 May 2020 21:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 35824
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.3 41.5
 83 12.1 10.4 19.4

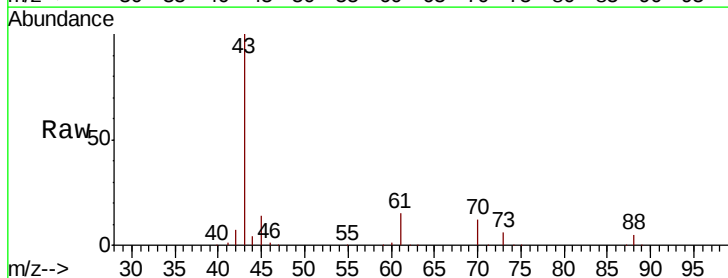


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

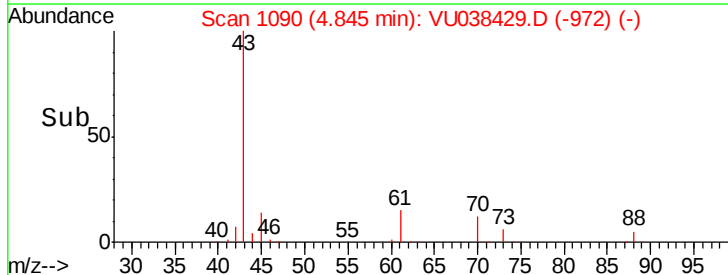
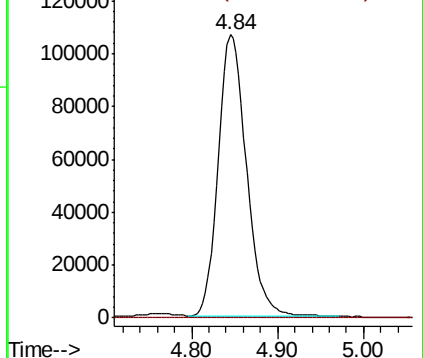


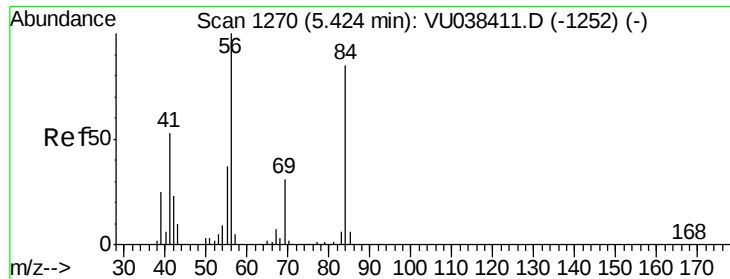
#21
 2-Butanone
 Concen: 36.807 ug/L
 RT: 4.84 min Scan# 1090
 Delta R.T. 0.08 min
 Lab File: VU038429.D
 Acq: 30 May 2020 21:24

Tgt Ion: 43 Resp: 244663
 Ion Ratio Lower Upper
 43 100
 72 0.3 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0

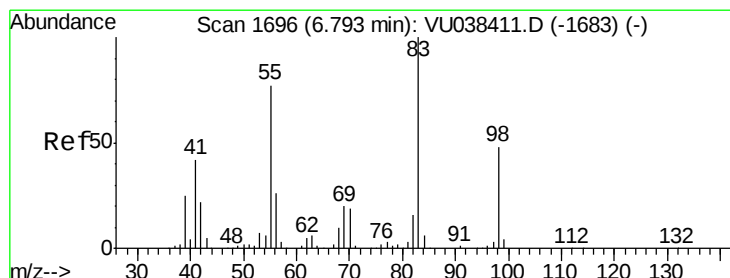
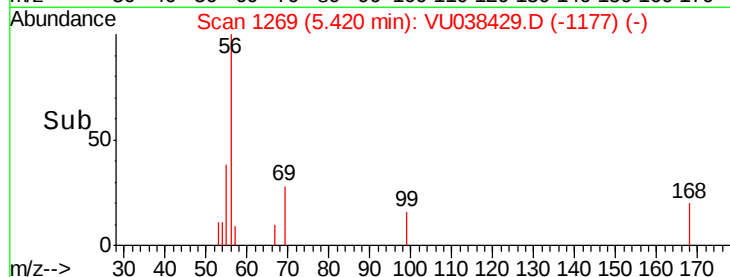
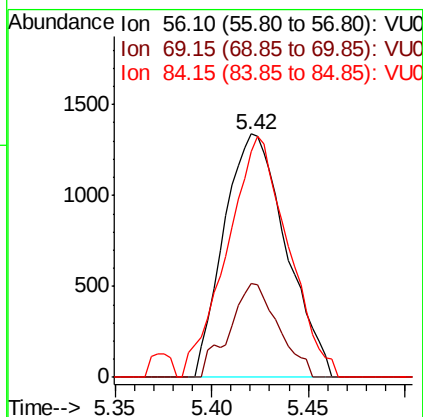
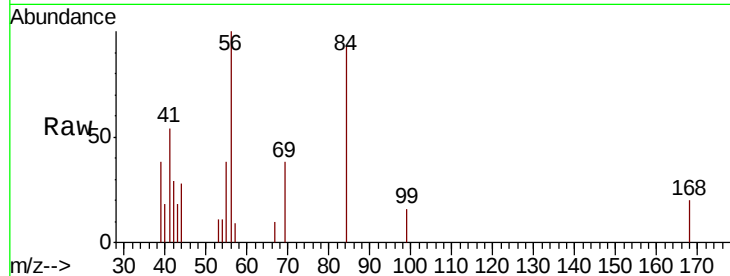




#30
Cyclohexane
Concen: 0.087 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038429.D
Acq: 30 May 2020 21:24

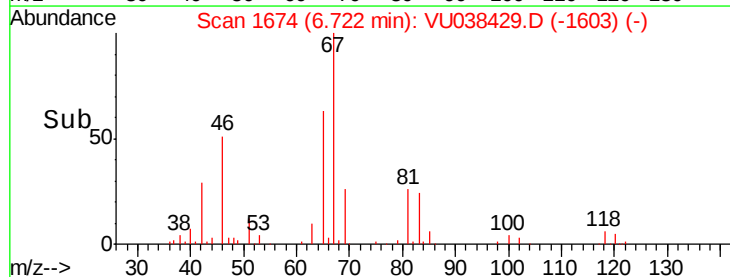
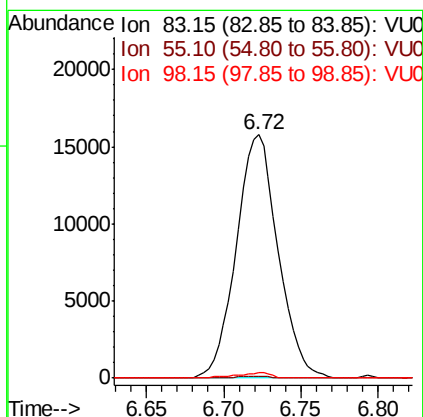
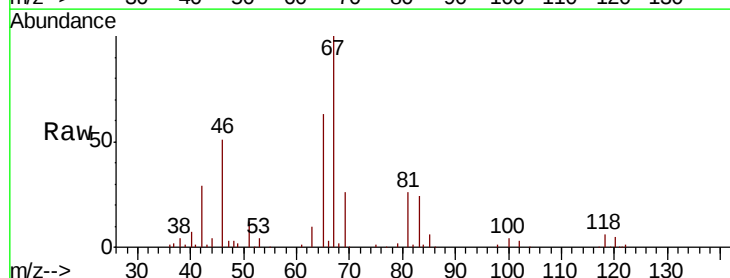
Instrument :
MSVOA_U
ClientSampleId :

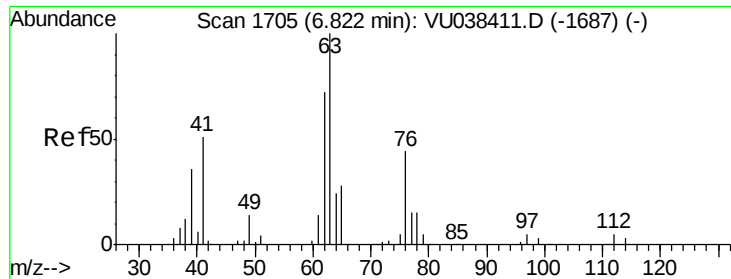
Tot Ion: 56 Resp: 3000
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 97.1 70.8 106.2



#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038429.D
Acq: 30 May 2020 21:24

Tgt Ion: 83 Resp: 29571
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.8 39.0 58.4#

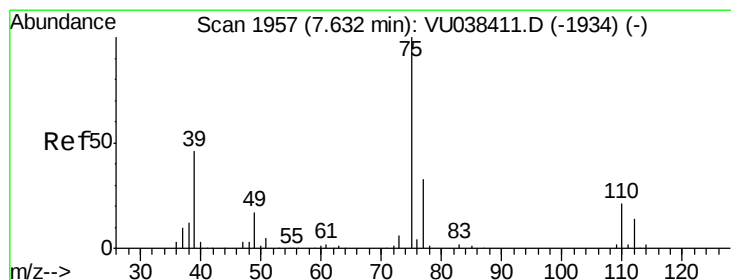
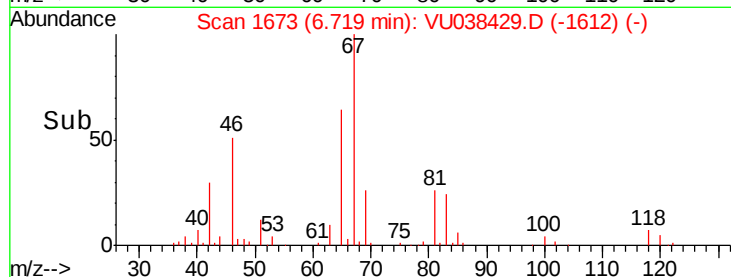
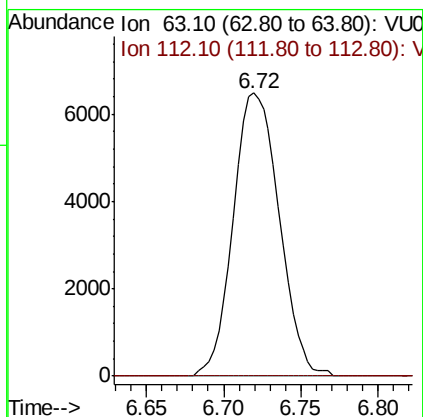
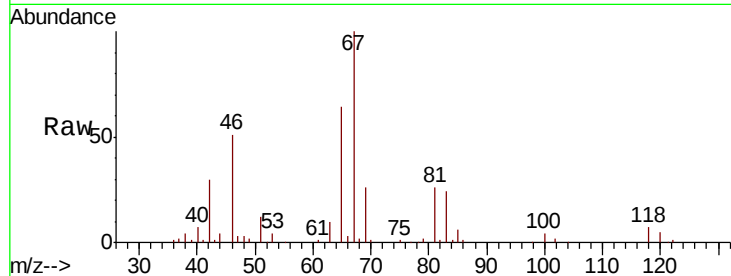




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038429.D
 Acq: 30 May 2020 21:24

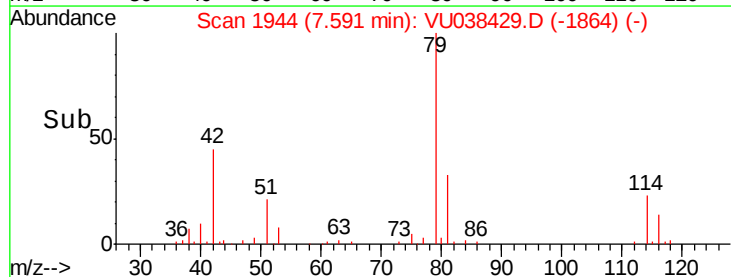
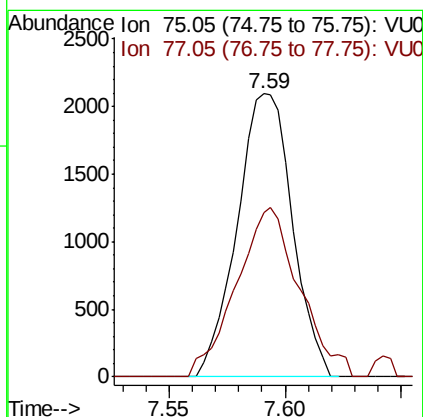
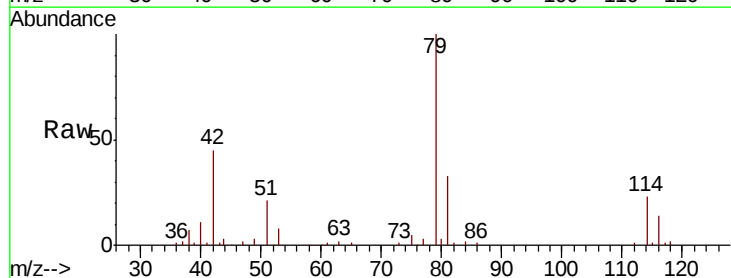
Instrument :
 MSVOA_U
 ClientSampleId :

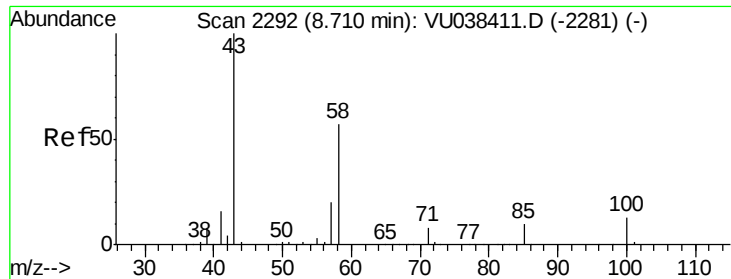
Tot Ion: 63 Resp: 13403
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038429.D
 Acq: 30 May 2020 21:24

Tgt Ion: 75 Resp: 3453
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.9 40.7#

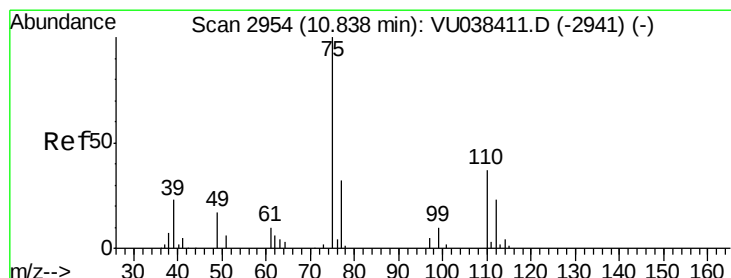
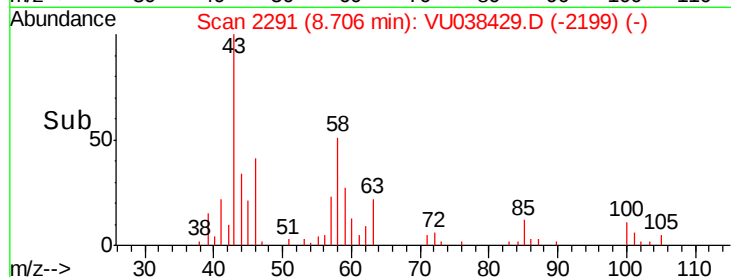
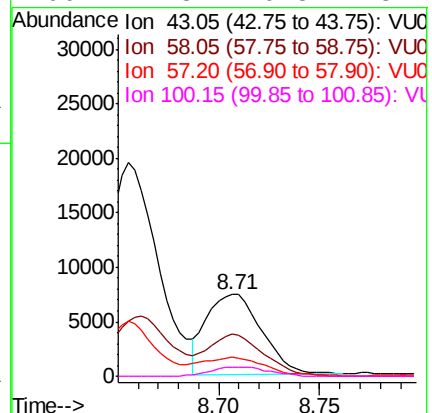
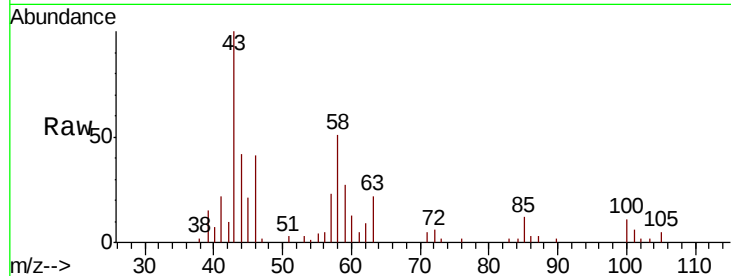




#48
2-Hexanone
Concen: 1.196 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038429.D
Acq: 30 May 2020 21:24

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 14088
Ion Ratio Lower Upper
43 100
58 52.7 45.4 68.0
57 22.9 15.9 23.9
100 11.8 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038429.D
Acq: 30 May 2020 21:24

Tgt Ion: 75 Resp: 18150
Ion Ratio Lower Upper
75 100
77 37.8 25.4 38.2

