

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\  
 Data File : VU038637.D  
 Acq On : 07 Jun 2020 00:12  
 Operator : SY/MD  
 Sample : L2912-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D70

Quant Time: Jun 08 03:00:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 08 02:53:04 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	141282	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60769	3.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.20%
7) Chloroethane-d5	1.93	69	59211	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.59	63	106644	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.67	46	321889	53.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	5.10	84	167451	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	104022	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	336347	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.72	67	108001	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	276095	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	41306	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	272890	55.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97015	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	121703	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

## Target Compounds

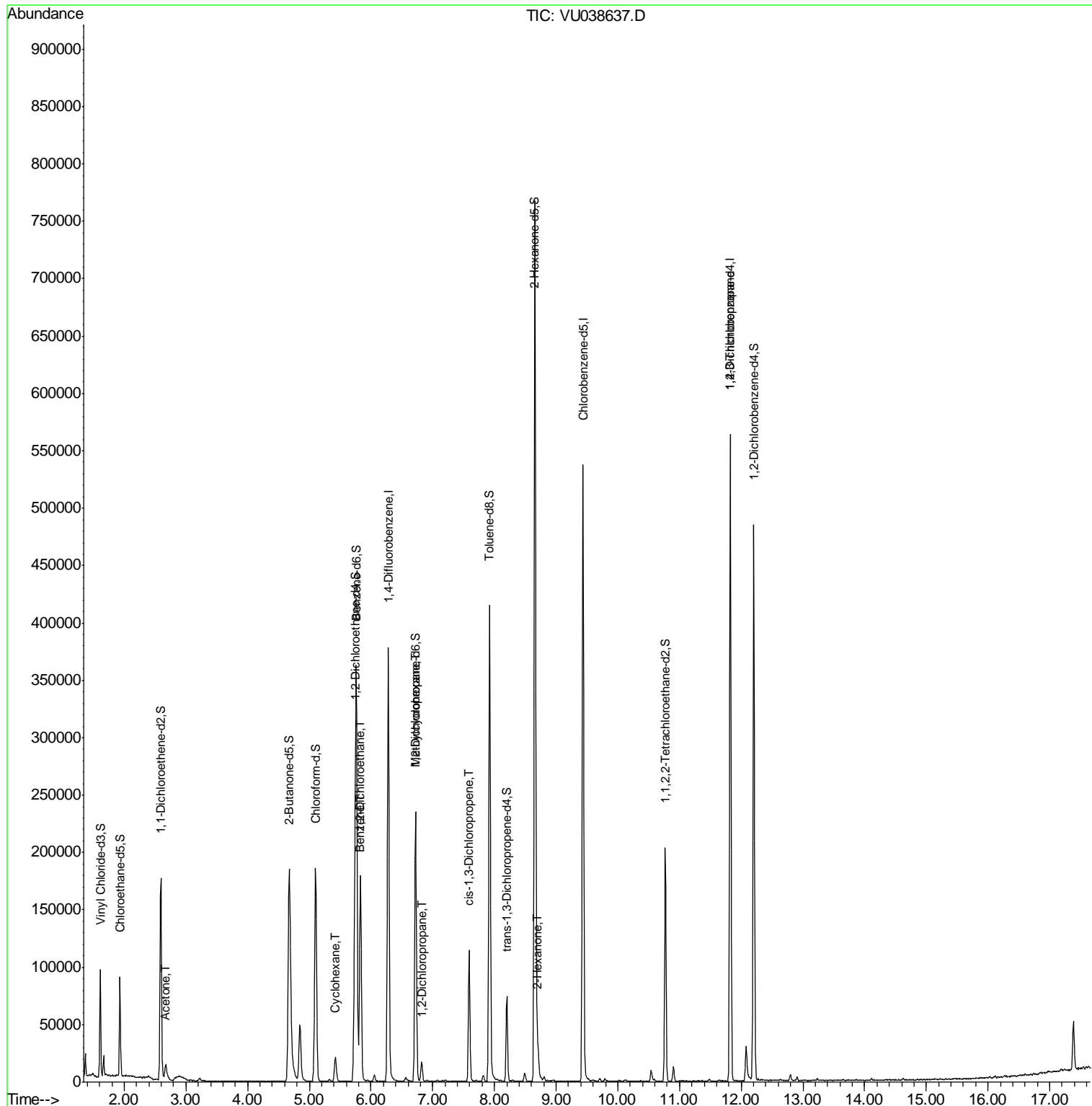
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	24126	6.116	ug/L	97
27) 1,2-Dichloroethane	5.83	62	147629	5.668	ug/L	97
30) Cyclohexane	5.42	56	9827	0.296	ug/L	93
33) Benzene	5.81	78	6847	0.082	ug/L	100
35) Methylcyclohexane	6.72	83	26597	0.792	ug/L #	17
37) 1,2-Dichloropropane	6.82	63	5979	0.284	ug/L #	96
39) cis-1,3-Dichloropropene	7.59	75	2619	0.084	ug/L #	52
48) 2-Hexanone	8.71	43	12601	1.107	ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	18375	1.171	ug/L	92

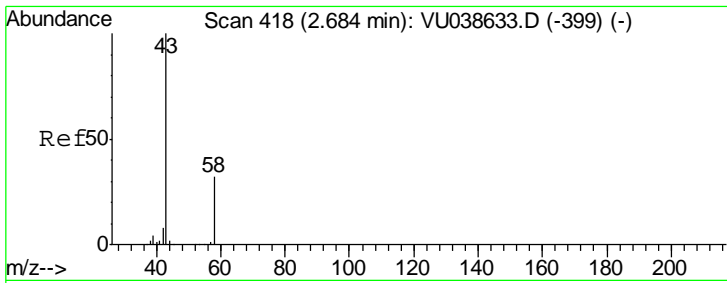
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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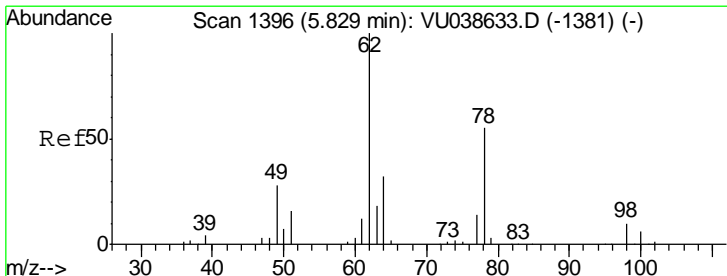
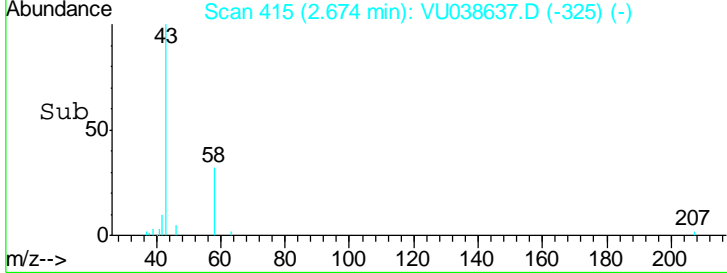
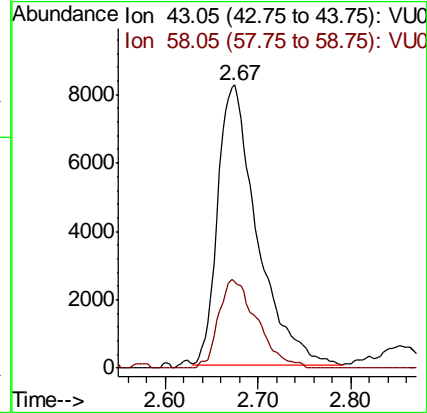
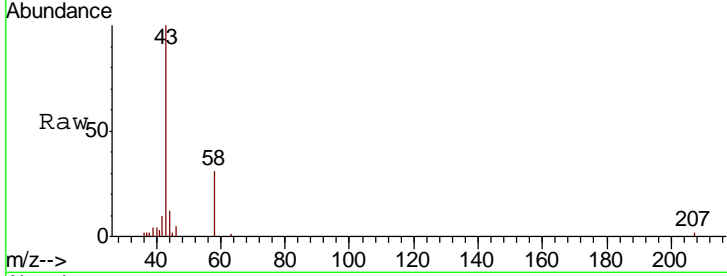




#13  
 Acetone  
 Concen: 6.116 ug/L  
 RT: 2.67 min Scan# 415  
 Delta R.T. -0.01 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

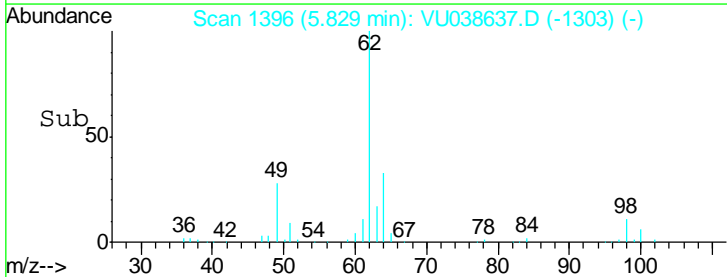
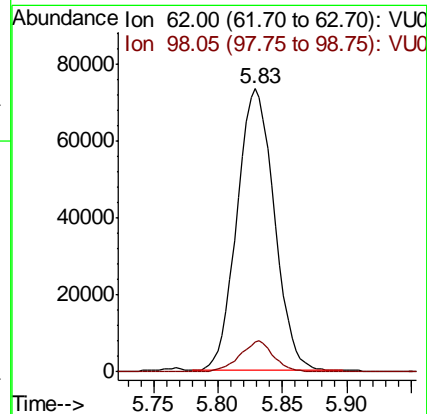
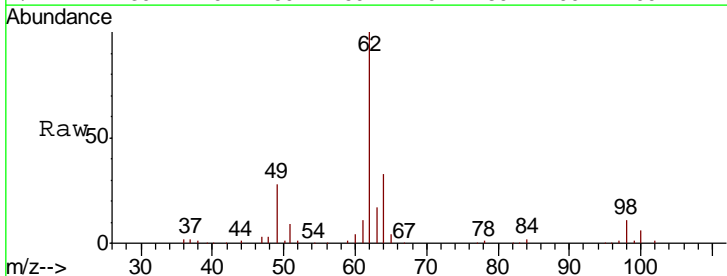
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 F9D70

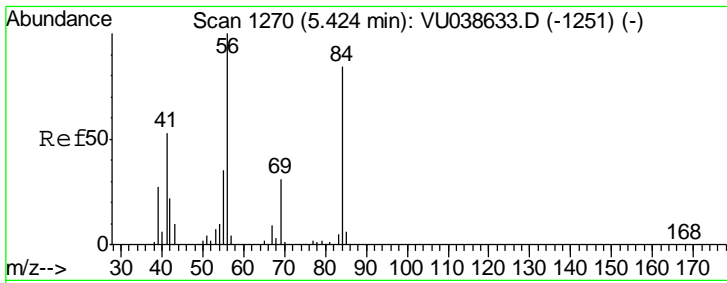
Tgt Ion	Resp	Lower	Upper
43	100		
58	31.0	0.0	65.6



#27  
 1,2-Dichloroethane  
 Concen: 5.668 ug/L  
 RT: 5.83 min Scan# 1396  
 Delta R.T. -0.00 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.5	7.4	11.2

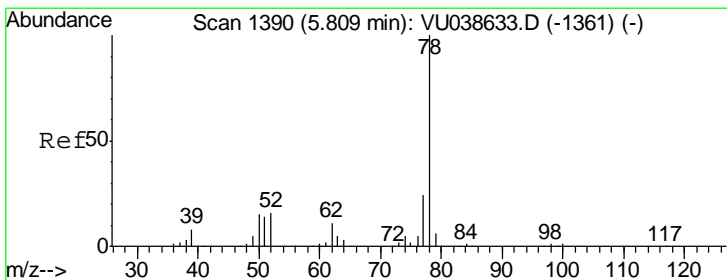
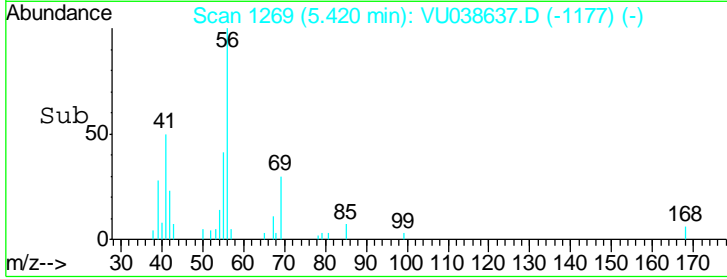
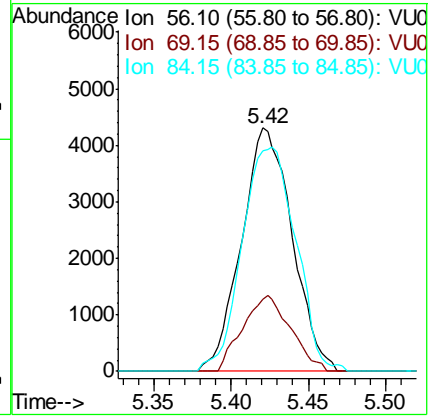
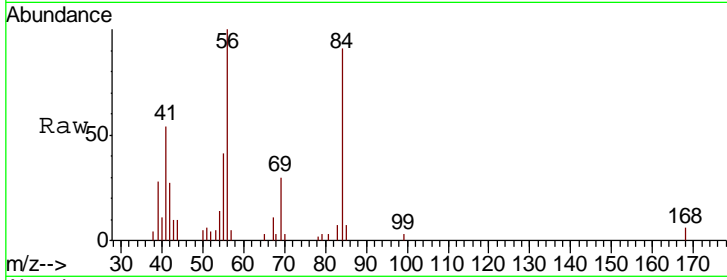




#30  
 Cyclohexane  
 Concen: 0.296 ug/L  
 RT: 5.42 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

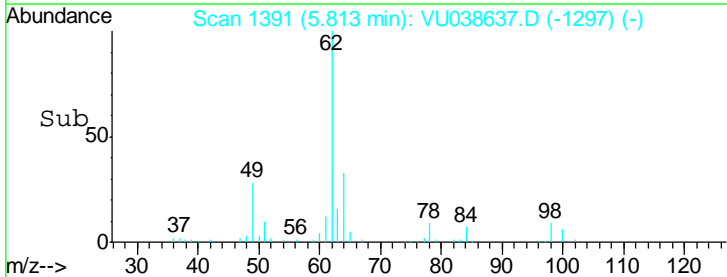
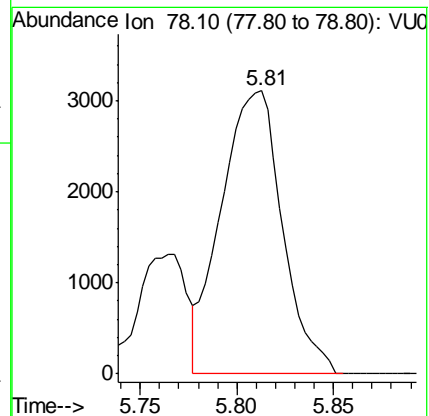
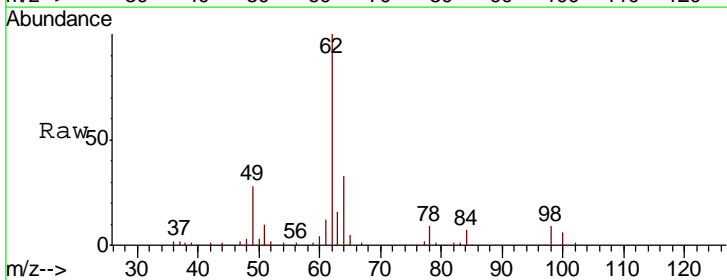
Instrument : MSVOA\_U  
 ClientSampled : F9D70

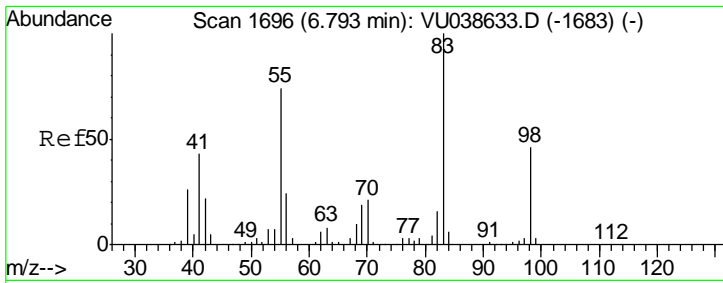
Tgt Ion	Resp	Lower	Upper
56	100		
69	29.4	24.2	36.4
84	97.3	70.8	106.2



#33  
 Benzene  
 Concen: 0.082 ug/L  
 RT: 5.81 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

Tgt Ion: 78 Resp: 6847

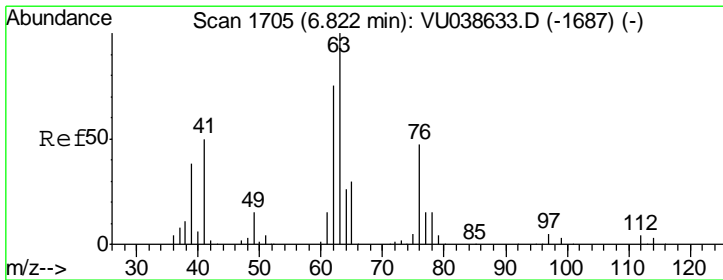
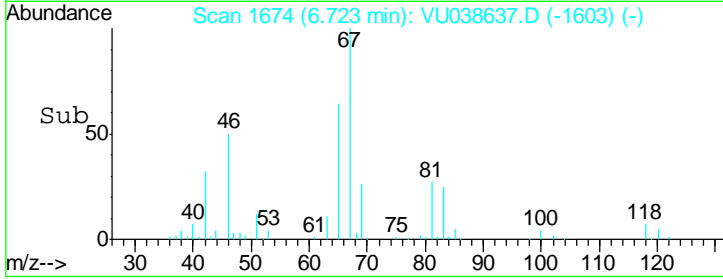
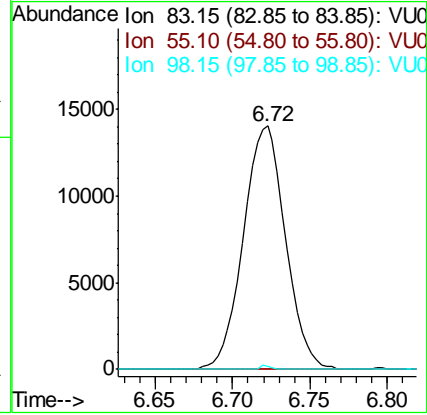
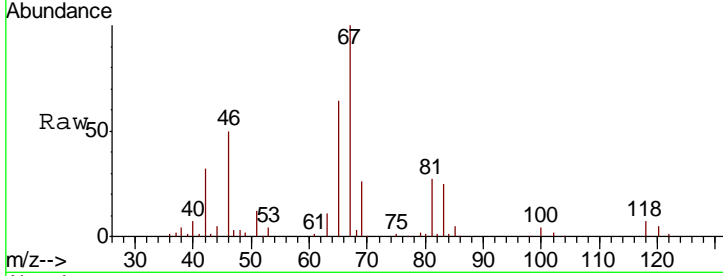




#35  
 Methylcyclohexane  
 Concen: 0.792 ug/L  
 RT: 6.72 min Scan# 1674  
 Delta R.T. -0.07 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

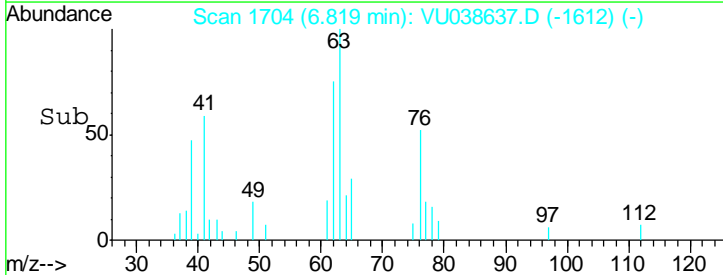
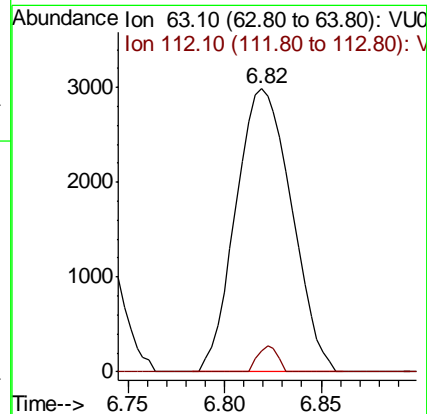
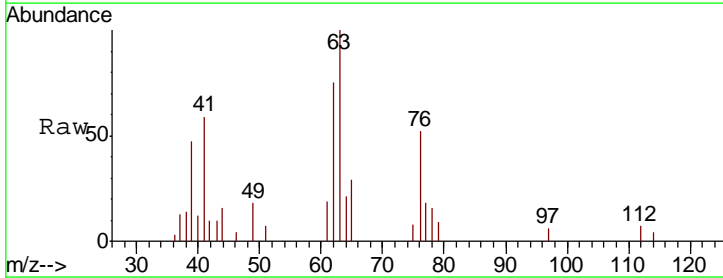
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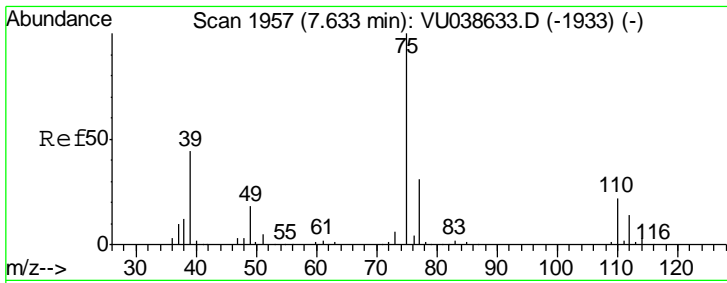
Tgt Ion	Resp	Lower	Upper
83	26597		
55	0.0	63.4	95.2#
98	0.4	39.0	58.4#



#37  
 1,2-Dichloropropane  
 Concen: 0.284 ug/L  
 RT: 6.82 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

Tgt Ion	Resp	Lower	Upper
63	5979		
112	3.3	3.7	5.5#

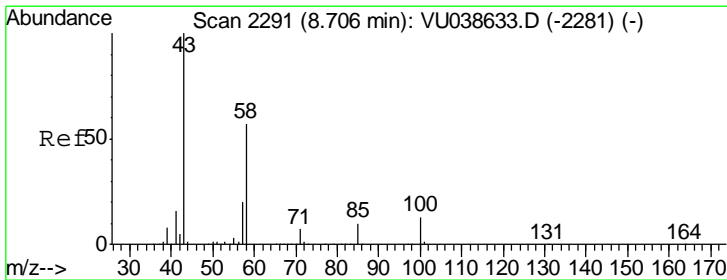
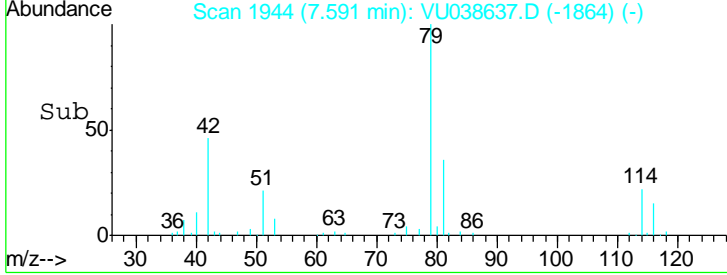
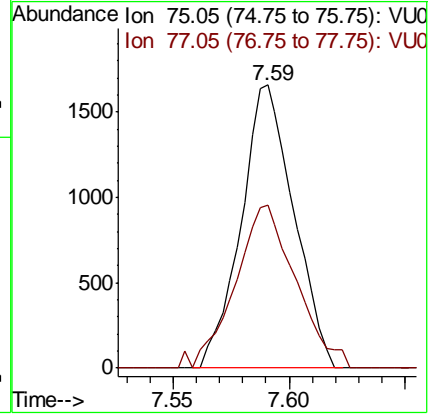
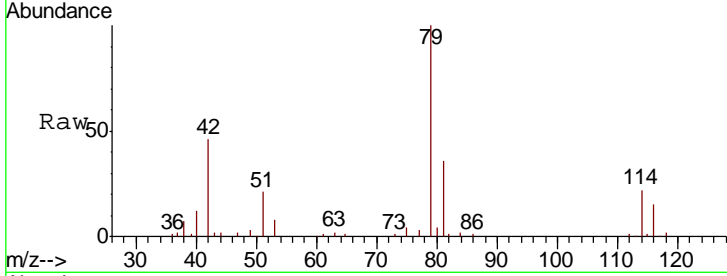




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.084 ug/L  
 RT: 7.59 min Scan# 1944  
 Delta R.T. -0.04 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

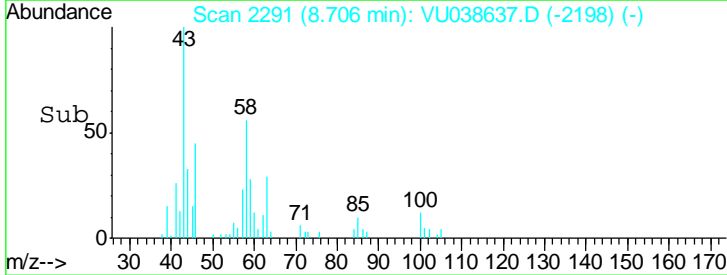
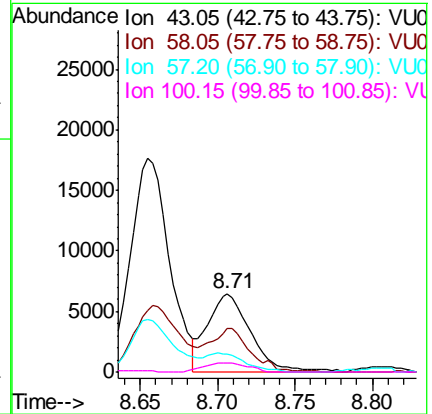
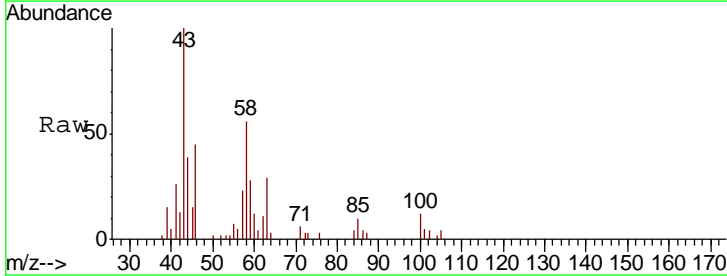
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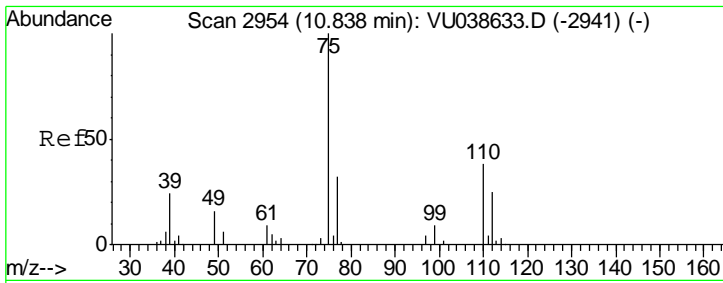
Tgt Ion	Resp	Lower	Upper
75	2619		
77	57.7	21.9	40.7#



#48  
 2-Hexanone  
 Concen: 1.107 ug/L  
 RT: 8.71 min Scan# 2291  
 Delta R.T. -0.00 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

Tgt Ion	Resp	Lower	Upper
43	12601		
58	52.6	45.4	68.0
57	20.6	15.9	23.9
100	12.1	10.5	15.7





#59  
 1,2,3-Trichloropropane  
 Concen: 1.171 ug/L  
 RT: 11.82 min Scan# 3260  
 Delta R.T. 0.98 min  
 Lab File: VU038637.D  
 Acq: 07 Jun 2020 00:12

Instrument : MSVOA\_U  
 ClientSampled : F9D70

Tot Ion: 75 Resp: 18375

Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.4	38.2

