

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038620.D
 Acq On : 06 Jun 2020 16:30
 Operator : SY/MD
 Sample : L2910-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E77

Quant Time: Jun 07 04:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71277	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	64718	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	117778	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.67	46	336589	57.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	5.10	84	179713	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	107120	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	354110	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	112015	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	293897	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	41131	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	280961	57.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103923	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	127695	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

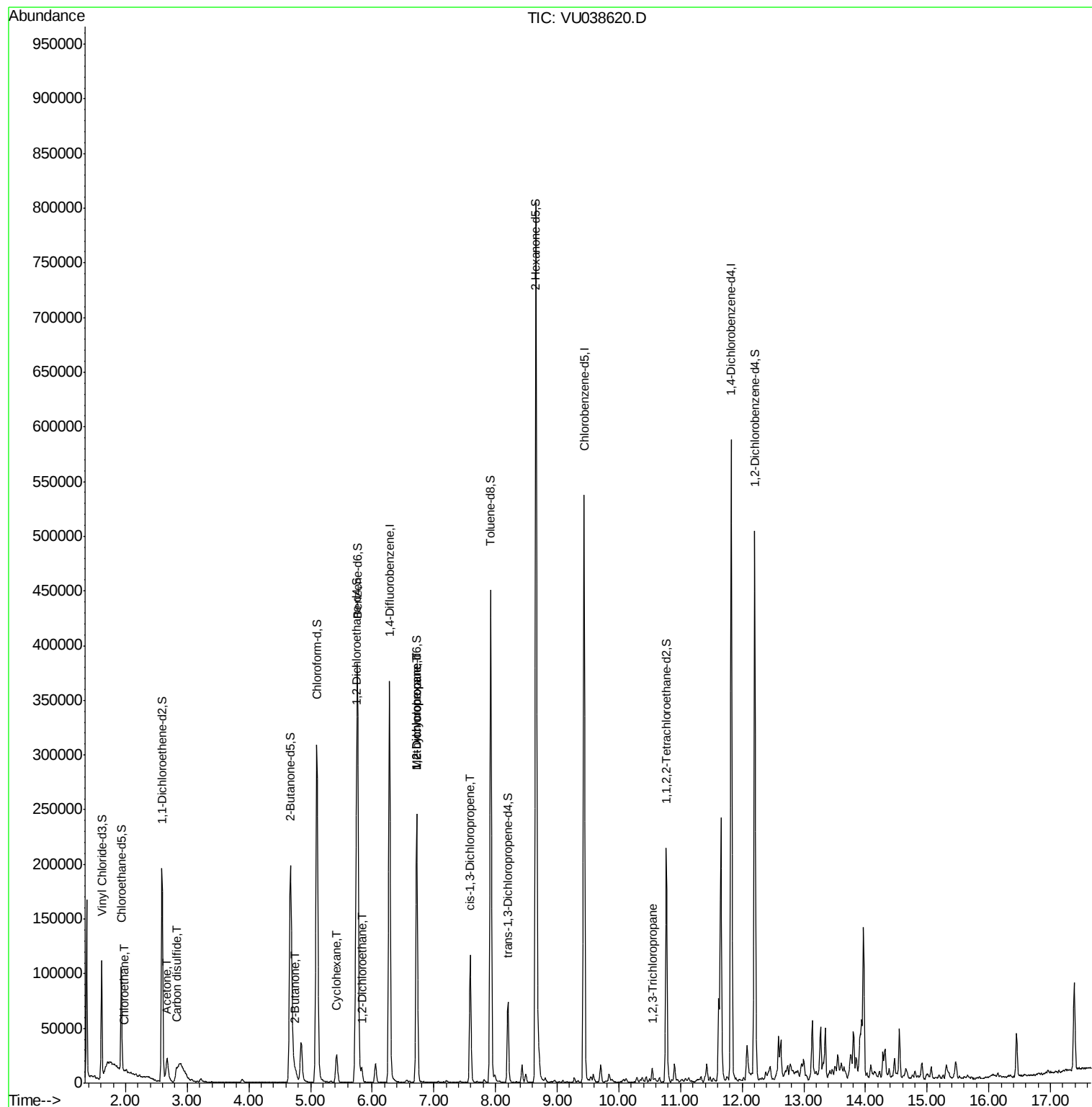
					Ovalue
8) Chloroethane	1.98	64	995	0.072 ug/L #	54
13) Acetone	2.67	43	34378	8.923 ug/L	94
14) Carbon disulfide	2.82	76	7742	0.124 ug/L	97
21) 2-Butanone	4.76	43	11563	1.784 ug/L	95
27) 1,2-Dichloroethane	5.83	62	8628	0.339 ug/L	100
30) Cyclohexane	5.42	56	12497	0.378 ug/L	97
35) Methylcyclohexane	6.72	83	27071	0.811 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12096	0.578 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2515	0.081 ug/L #	35
59) 1,2,3-Trichloropropane	10.54	75	4611	0.295 ug/L #	43

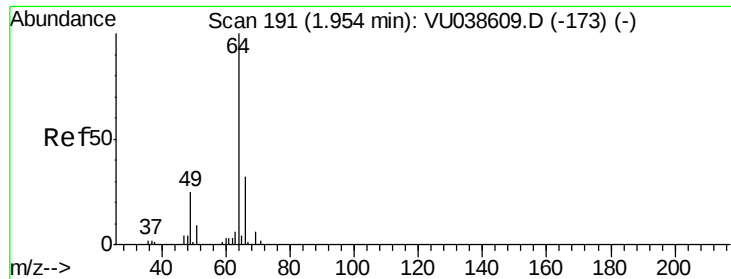
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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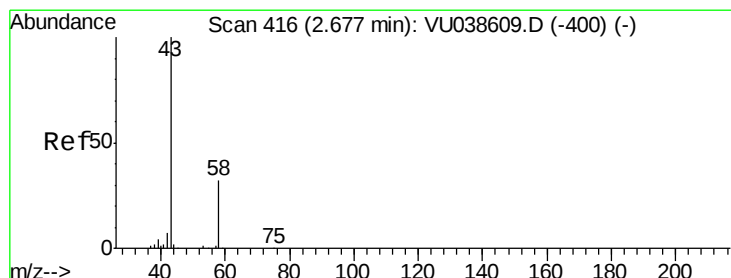
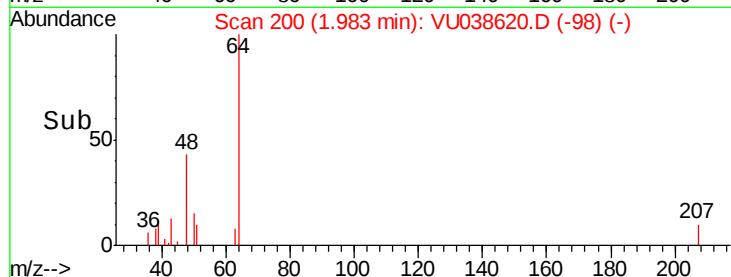
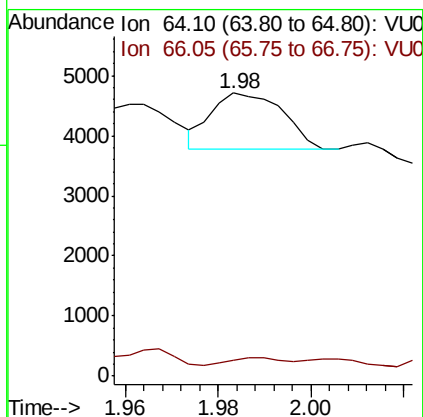
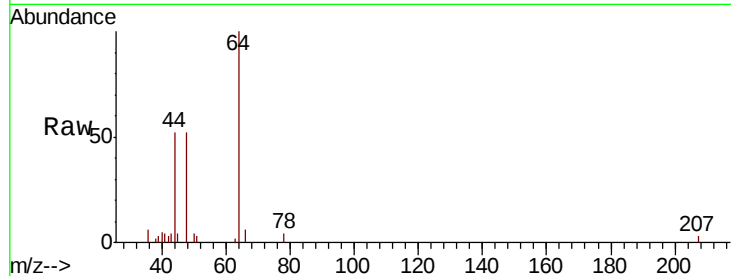




#8
Chloroethane
Concen: 0.072 ug/L
RT: 1.98 min Scan# 200
Delta R.T. 0.03 min
Lab File: VU038620.D
Acq: 06 Jun 2020 16:30

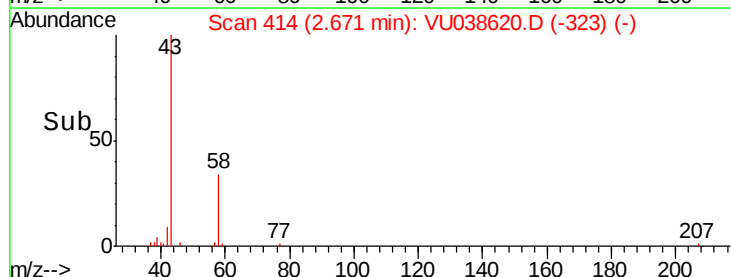
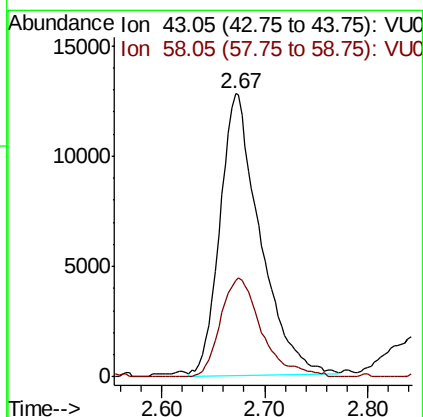
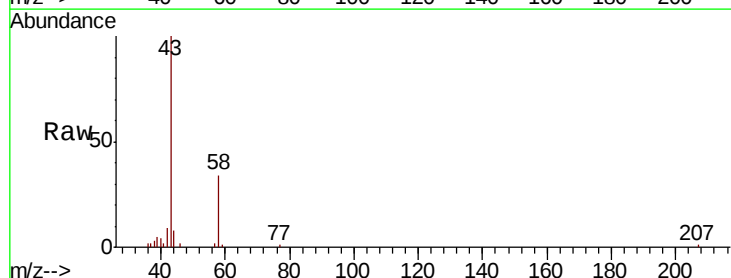
Instrument :
MSVOA_U
ClientSampleId :
F9E77

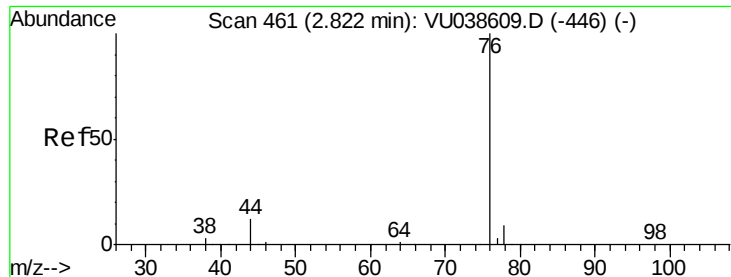
Tot Ion: 64 Resp: 995
Ion Ratio Lower Upper
64 100
66 5.5 21.5 39.9#



#13
Acetone
Concen: 8.923 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU038620.D
Acq: 06 Jun 2020 16:30

Tgt Ion: 43 Resp: 34378
Ion Ratio Lower Upper
43 100
58 36.1 0.0 65.6





#14

Carbon disulfide

Concen: 0.124 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038620.D

Acq: 06 Jun 2020 16:30

Instrument :

MSVOA_U

ClientSampleId :

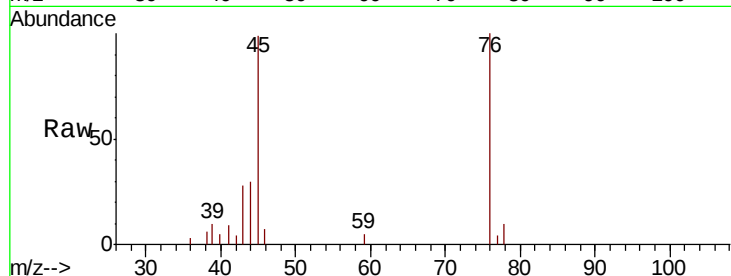
F9E77

Tot Ion: 76 Resp: 7742

Ion Ratio Lower Upper

76 100

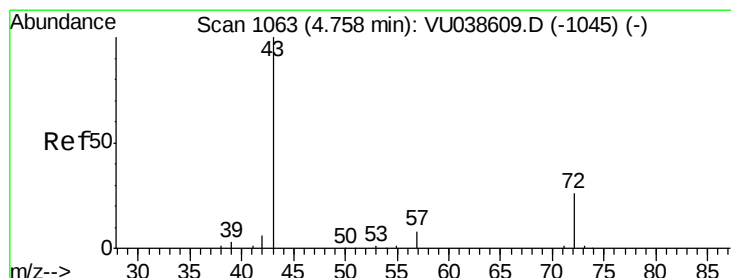
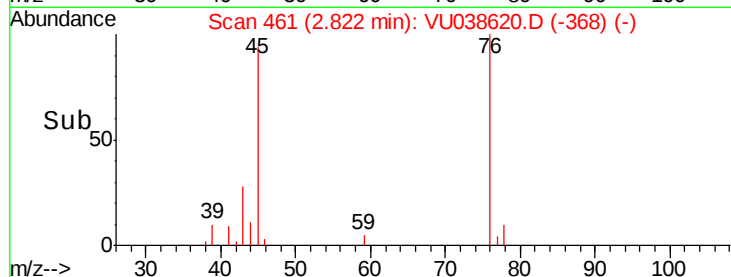
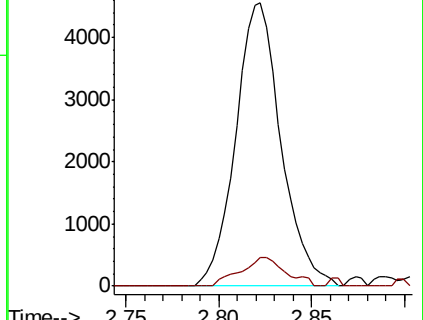
78 10.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038609.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038620.D (-970) (-)

2.82



#21

2-Butanone

Concen: 1.784 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038620.D

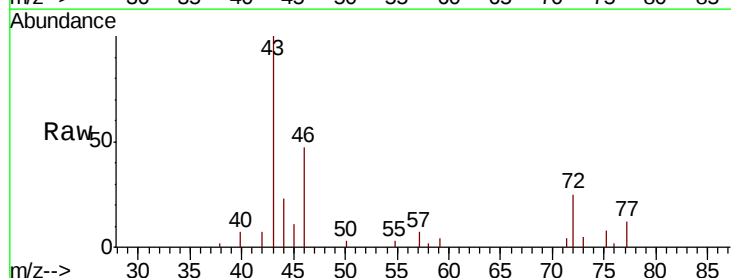
Acq: 06 Jun 2020 16:30

Tgt Ion: 43 Resp: 11563

Ion Ratio Lower Upper

43 100

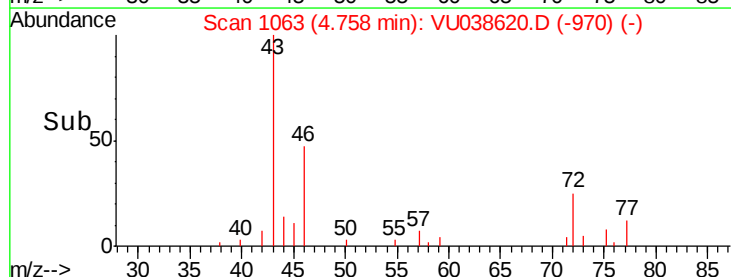
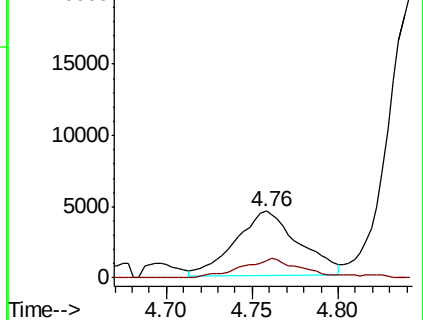
72 27.5 12.6 37.8

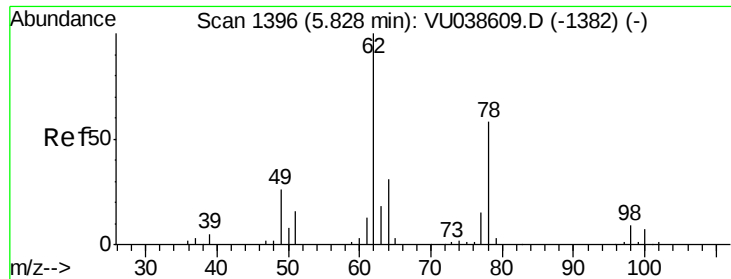


Abundance Ion 43.05 (42.75 to 43.75): VU038609.D (-1045) (-)

Ion 72.10 (71.80 to 72.80): VU038620.D (-970) (-)

4.76

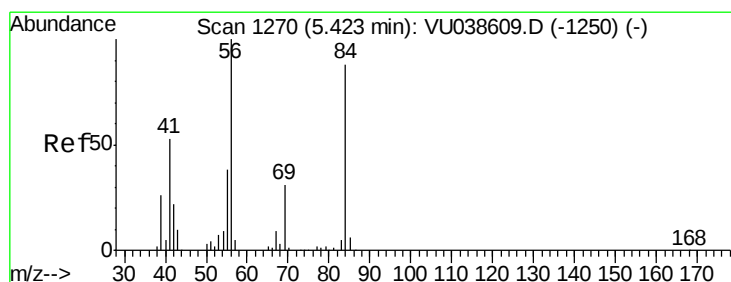
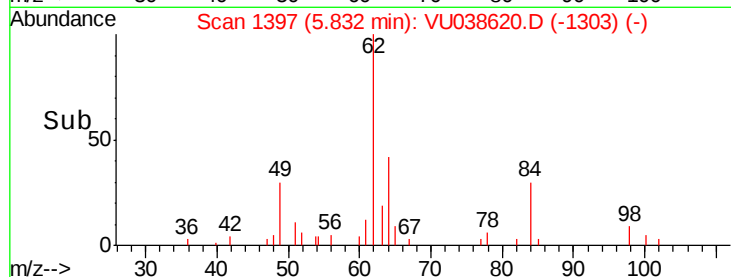
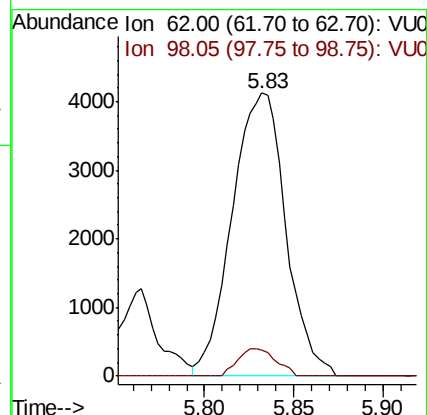
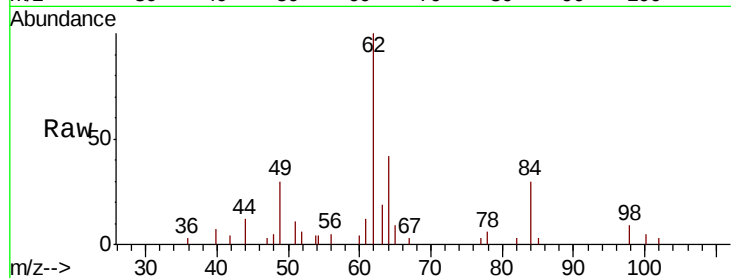




#27
 1,2-Dichloroethane
 Concen: 0.339 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU038620.D
 Acq: 06 Jun 2020 16:30

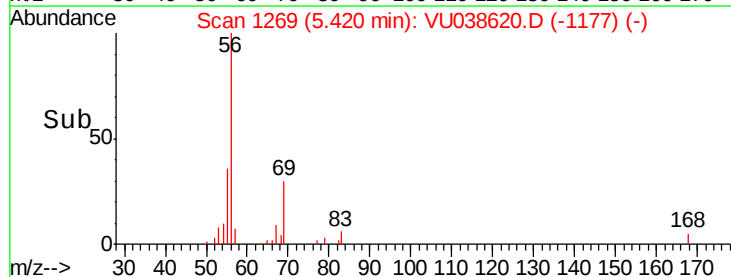
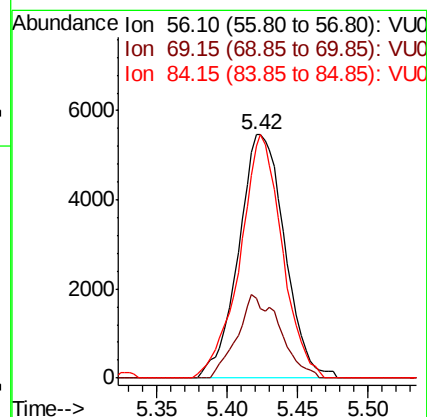
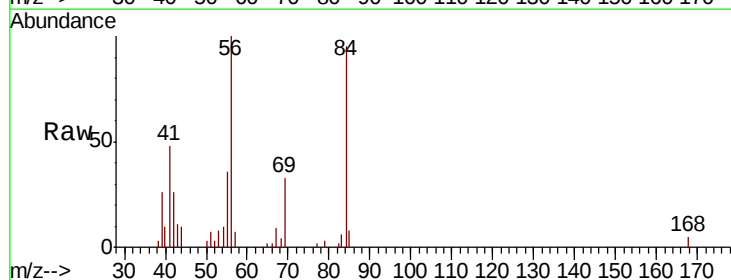
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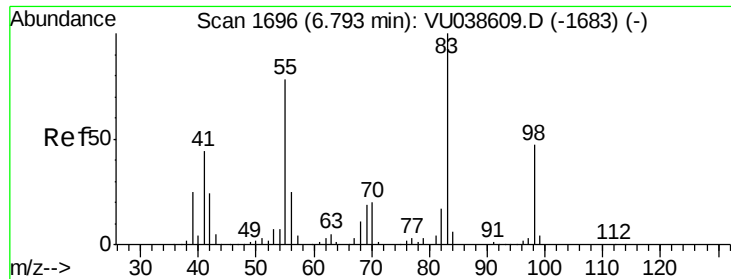
Tot Ion: 62 Resp: 8628
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.4 11.2



#30
 Cyclohexane
 Concen: 0.378 ug/L
 RT: 5.42 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VU038620.D
 Acq: 06 Jun 2020 16:30

Tgt Ion: 56 Resp: 12497
 Ion Ratio Lower Upper
 56 100
 69 31.6 24.2 36.4
 84 91.2 70.8 106.2

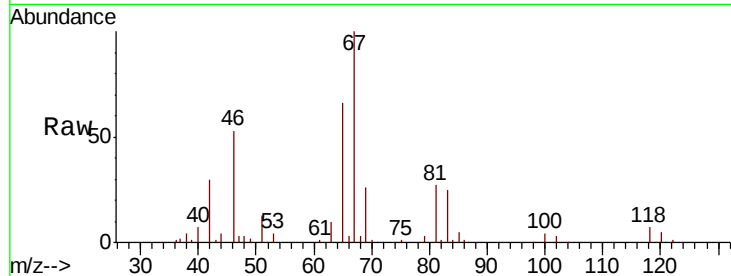




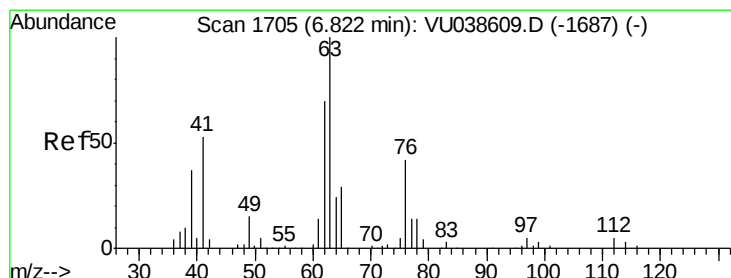
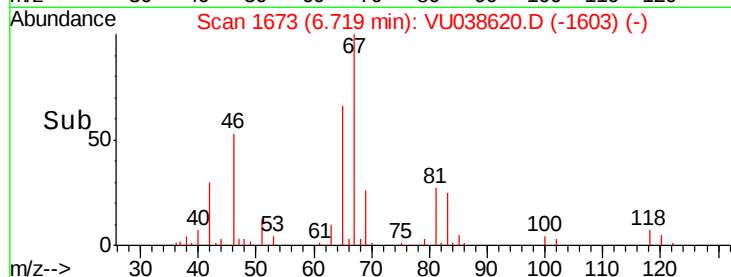
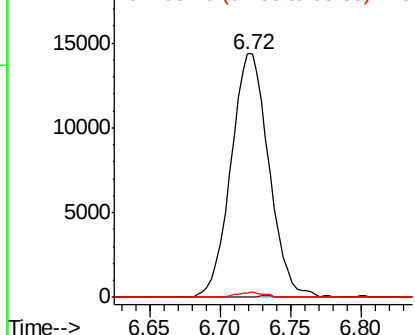
#35
Methvlcvclohexane
Concen: 0.811 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038620.D
Acq: 06 Jun 2020 16:30

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion: 83 Resp: 27071
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 39.0 58.4#

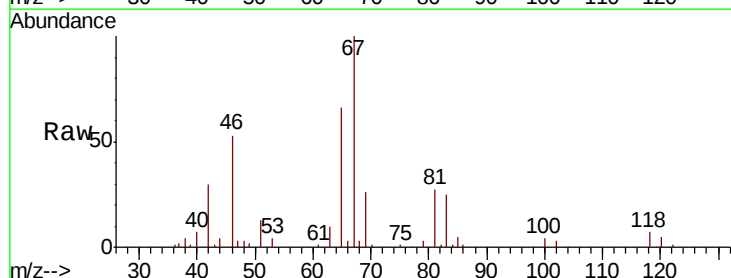


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

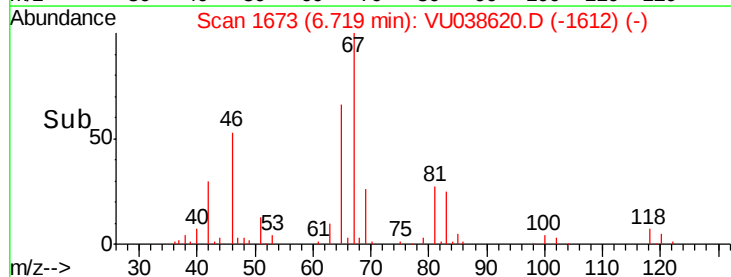
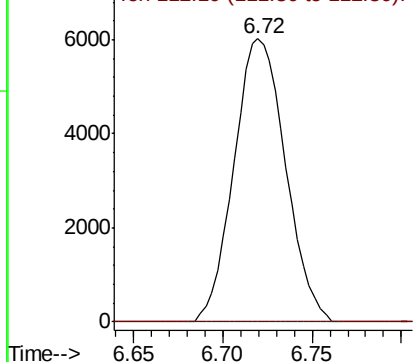


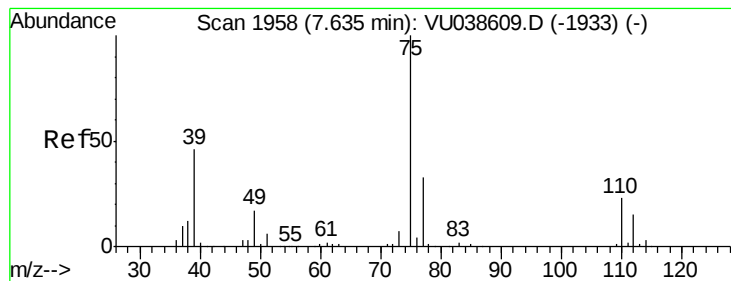
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038620.D
Acq: 06 Jun 2020 16:30

Tgt Ion: 63 Resp: 12096
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



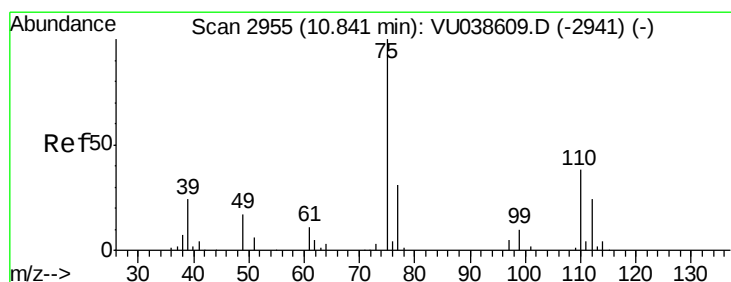
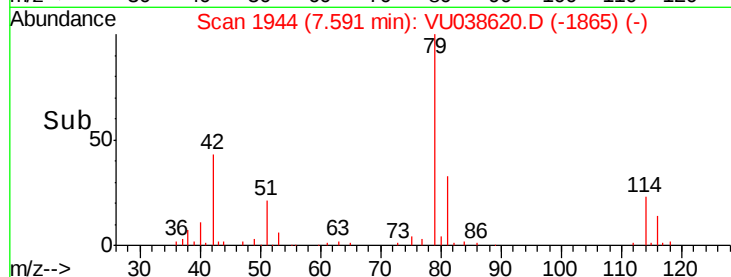
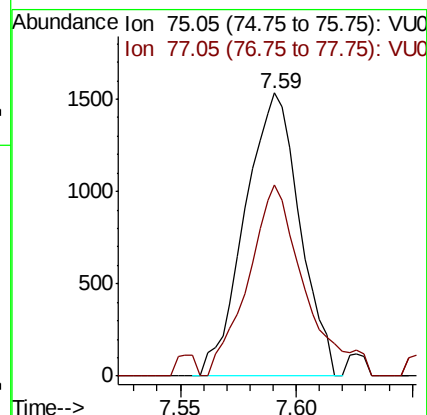
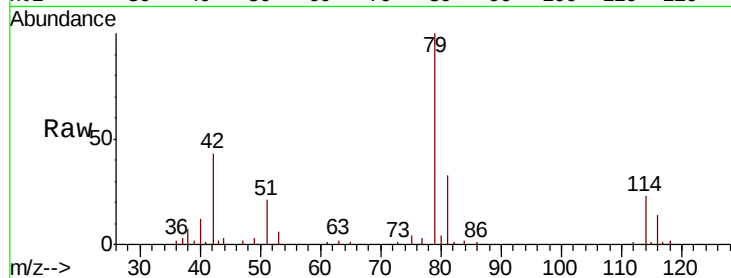


#39

cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038620.D
 Acq: 06 Jun 2020 16:30

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Tot Ion: 75 Resp: 2515
 Ion Ratio Lower Upper
 75 100
 77 67.4 21.9 40.7#



#59

1,2,3-Trichloropropane
 Concen: 0.295 ug/L
 RT: 10.54 min Scan# 2862
 Delta R.T. -0.30 min
 Lab File: VU038620.D
 Acq: 06 Jun 2020 16:30

Tgt Ion: 75 Resp: 4611
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#

