

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038622.D
 Acq On : 06 Jun 2020 17:16
 Operator : SY/MD
 Sample : L2910-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D36

Quant Time: Jun 07 04:04:25 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	303286	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	303571	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	160570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66384	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	63008	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.59	63	112499	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.67	46	342634	57.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	5.10	84	180102	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	110142	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	348062	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	113778	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	292447	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	43508	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.65	63	295057	59.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106296	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	132798	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

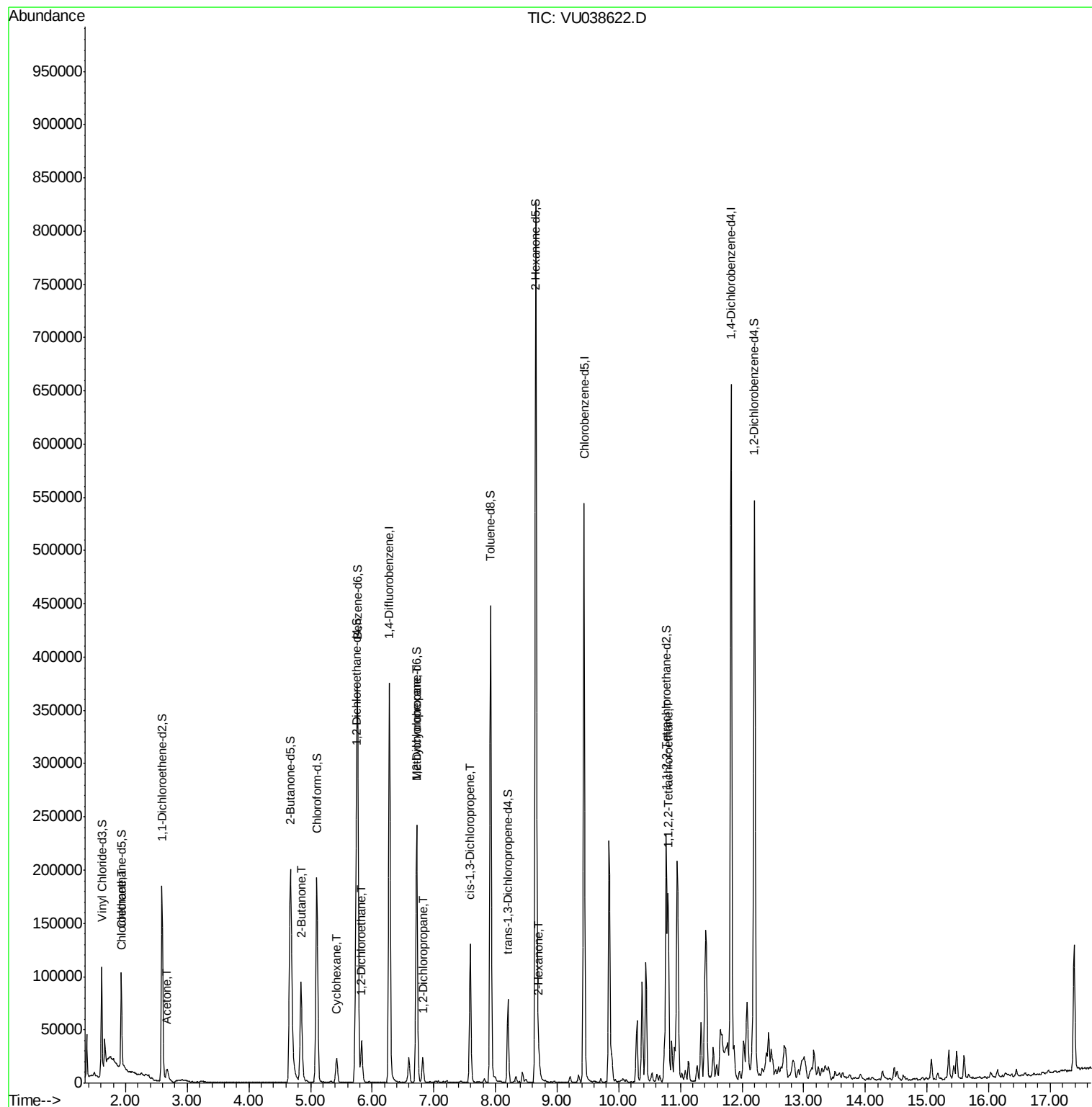
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	1760	0.125	ug/L #	51
13) Acetone	2.67	43	21598	5.535	ug/L	97
21) 2-Butanone	4.84	43	127628	19.445	ug/L #	50
27) 1,2-Dichloroethane	5.83	62	31567	1.225	ug/L	98
30) Cyclohexane	5.42	56	10900	0.324	ug/L	99
35) Methylcyclohexane	6.72	83	26767	0.787	ug/L #	18
37) 1,2-Dichloropropane	6.82	63	8322	0.391	ug/L #	94
39) cis-1,3-Dichloropropene	7.59	75	3324	0.106	ug/L	84
48) 2-Hexanone	8.71	43	11227	0.973	ug/L #	96
58) 1,1,2,2-Tetrachloroethane	10.80	83	6807	0.333	ug/L #	56

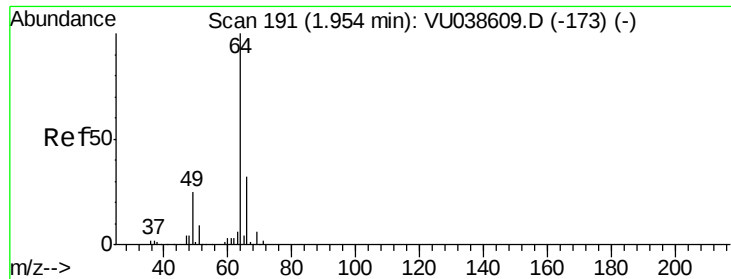
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.125 ug/L

RT: 1.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: VU038622.D

Acq: 06 Jun 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

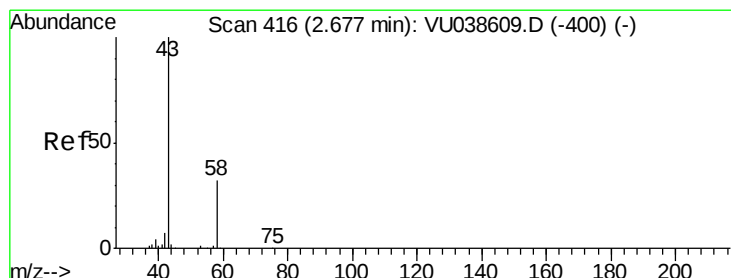
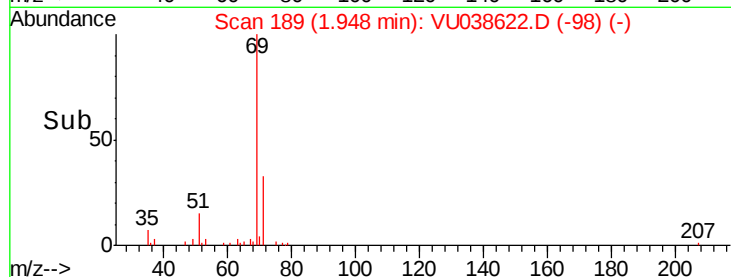
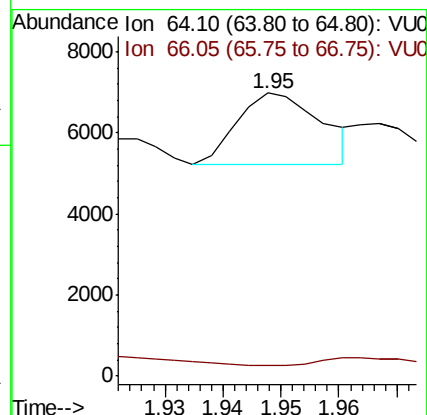
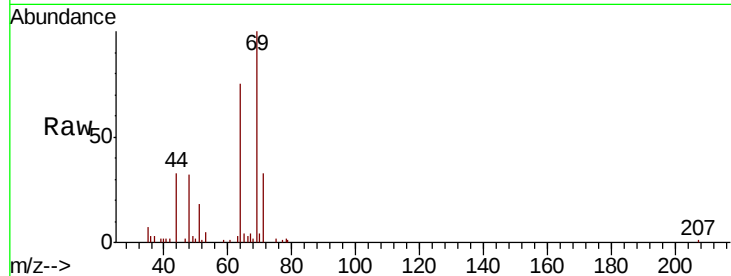
F9D36

Tot Ion: 64 Resp: 1760

Ion Ratio Lower Upper

64 100

66 3.9 21.5 39.9#



#13

Acetone

Concen: 5.535 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038622.D

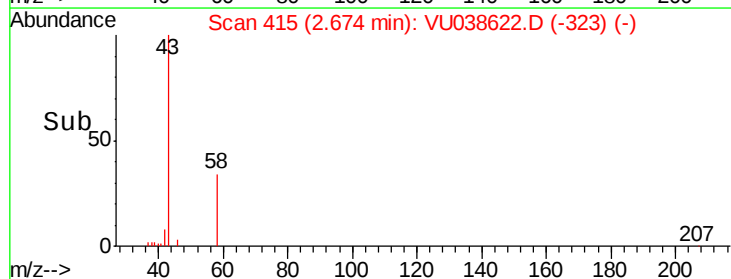
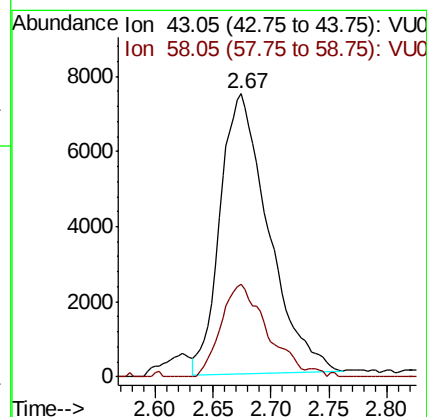
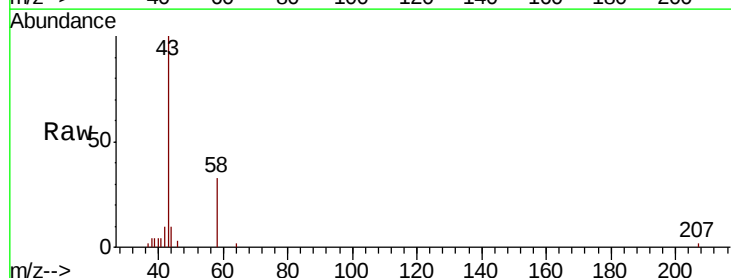
Acq: 06 Jun 2020 17:16

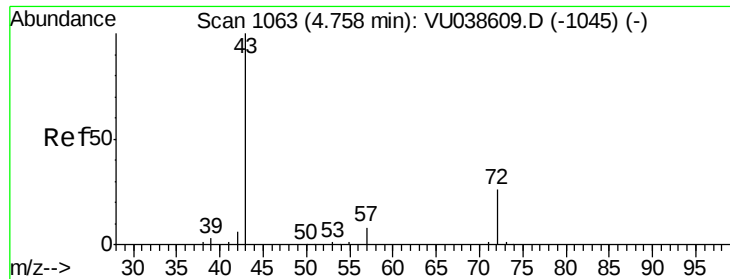
Tgt Ion: 43 Resp: 21598

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.6





#21

2-Butanone

Concen: 19.445 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.09 min

Lab File: VU038622.D

Acq: 06 Jun 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

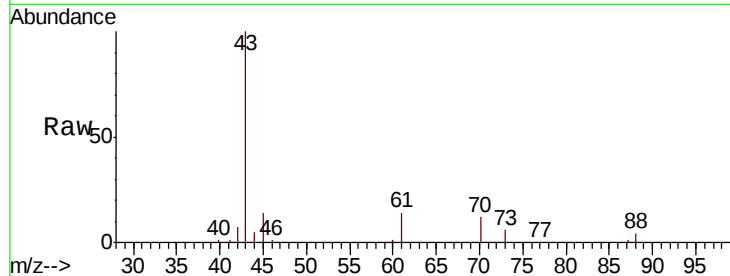
F9D36

Tot Ion: 43 Resp: 127628

Ion Ratio Lower Upper

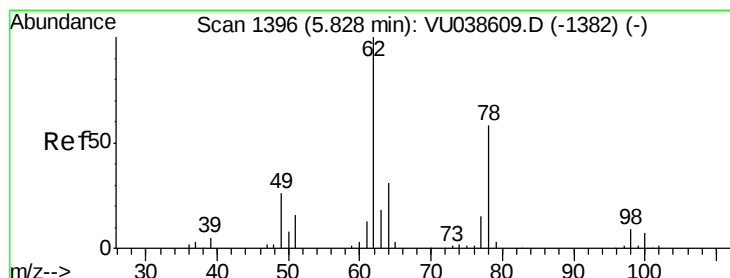
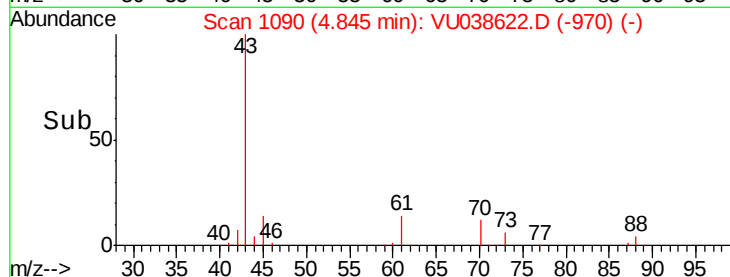
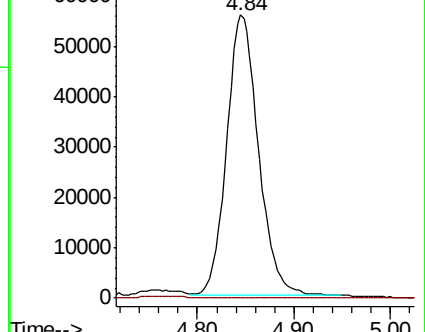
43 100

72 0.1 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038622.D (-1045) (-)

Ion 72.10 (71.80 to 72.80): VU038622.D (-1045) (-)



#27

1,2-Dichloroethane

Concen: 1.225 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038622.D

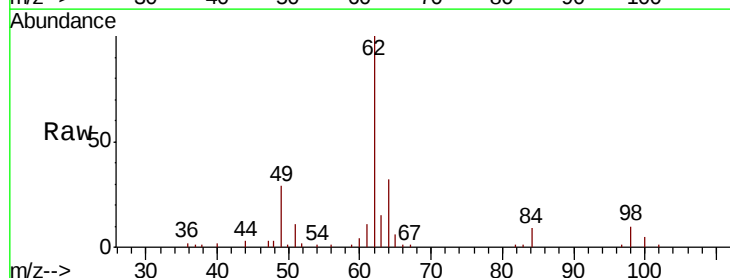
Acq: 06 Jun 2020 17:16

Tgt Ion: 62 Resp: 31567

Ion Ratio Lower Upper

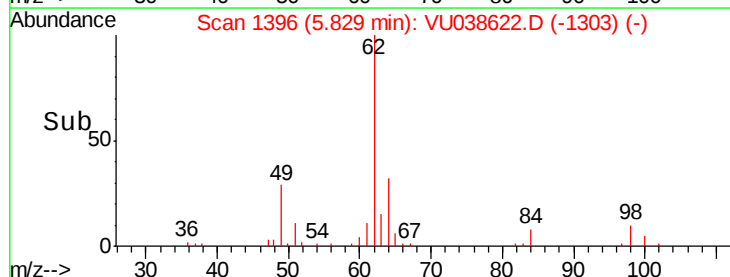
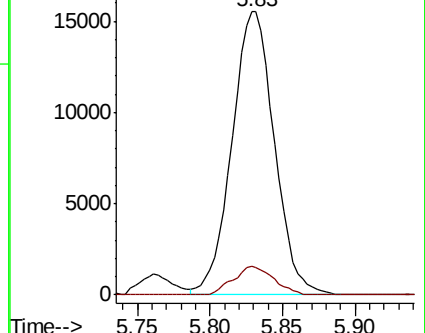
62 100

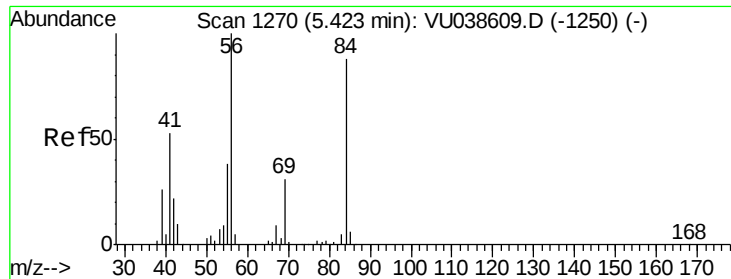
98 10.1 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038622.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038622.D (-1382) (-)

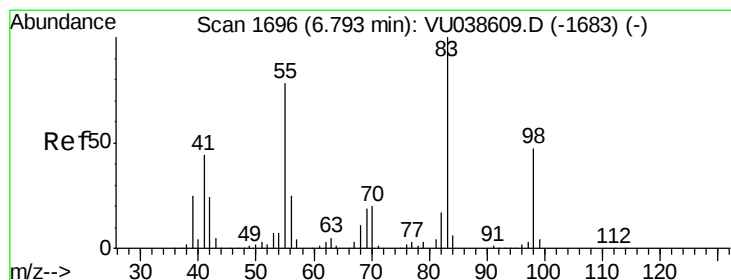
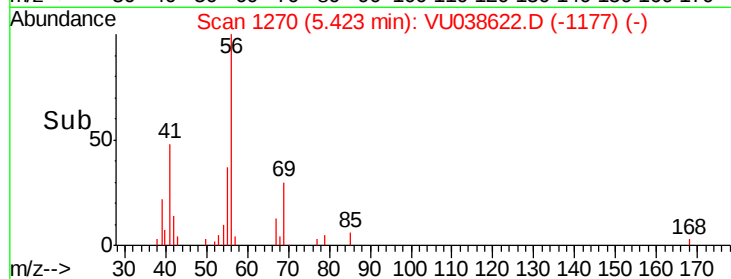
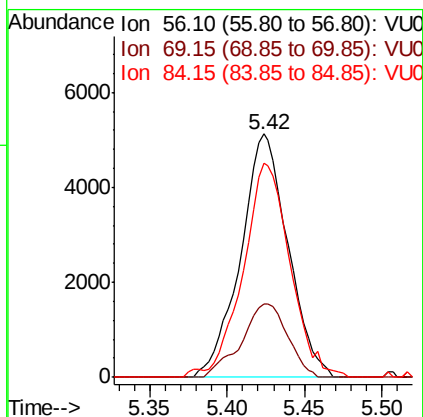
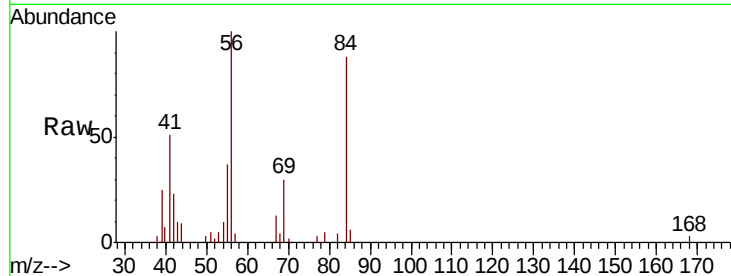




#30
Cyclohexane
Concen: 0.324 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038622.D
Acq: 06 Jun 2020 17:16

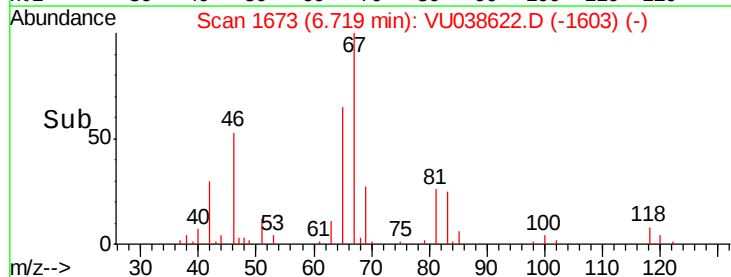
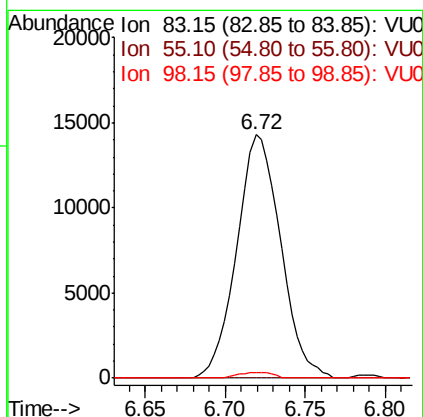
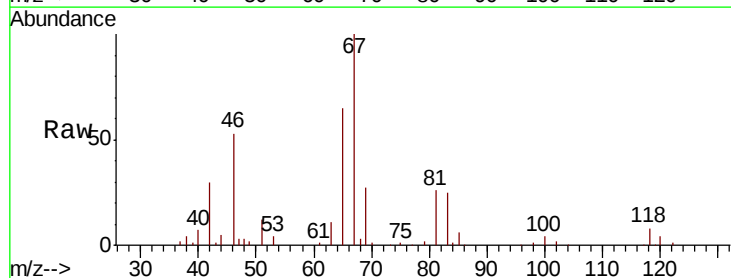
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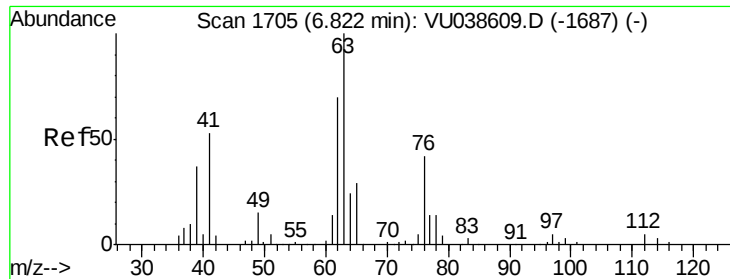
Tot Ion	56	Resp	10900
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.4
84	87.3	70.8	106.2



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038622.D
Acq: 06 Jun 2020 17:16

Tgt Ion	83	Resp	26767
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.4	95.2#
98	1.8	39.0	58.4#

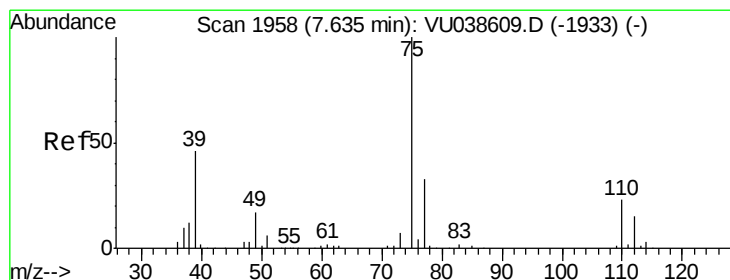
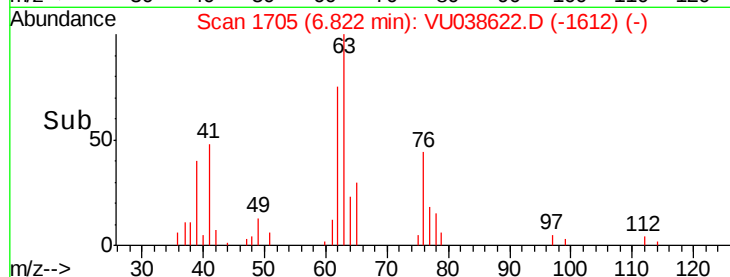
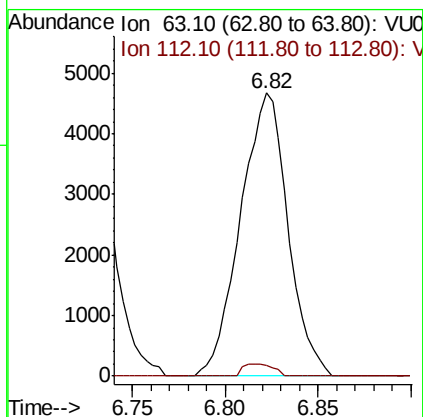
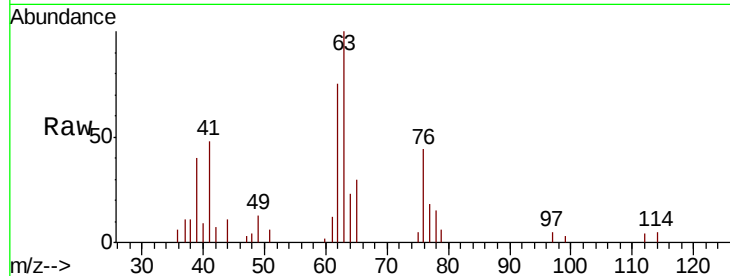




#37
 1,2-Dichloropropane
 Concen: 0.391 ug/L
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038622.D
 Acq: 06 Jun 2020 17:16

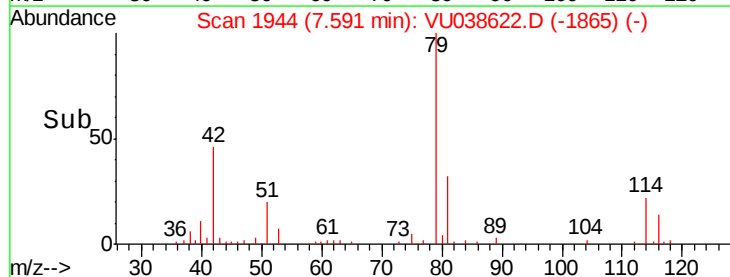
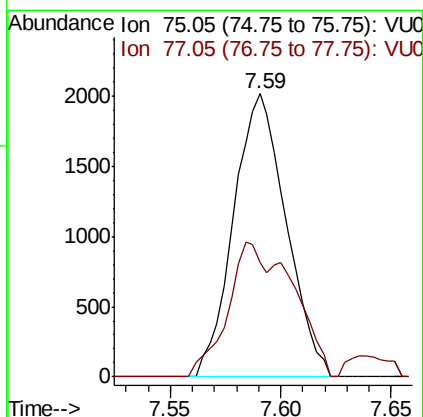
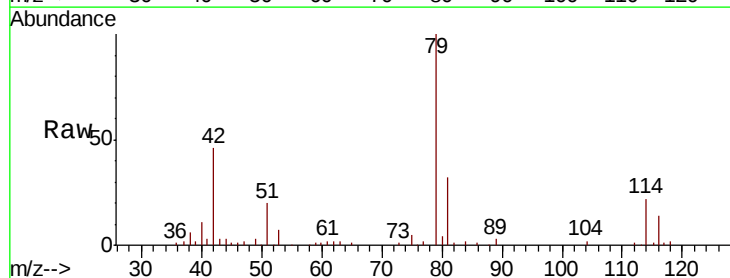
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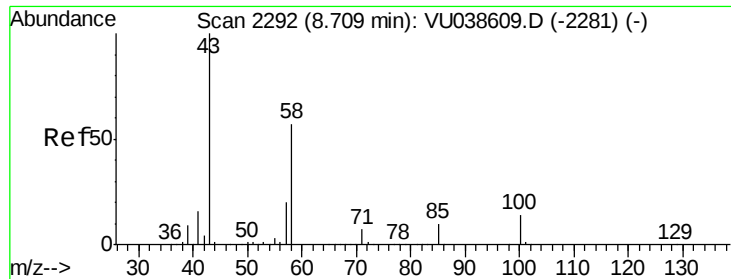
Tot Ion: 63 Resp: 8322
 Ion Ratio Lower Upper
 63 100
 112 2.7 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038622.D
 Acq: 06 Jun 2020 17:16

Tgt Ion: 75 Resp: 3324
 Ion Ratio Lower Upper
 75 100
 77 40.4 21.9 40.7

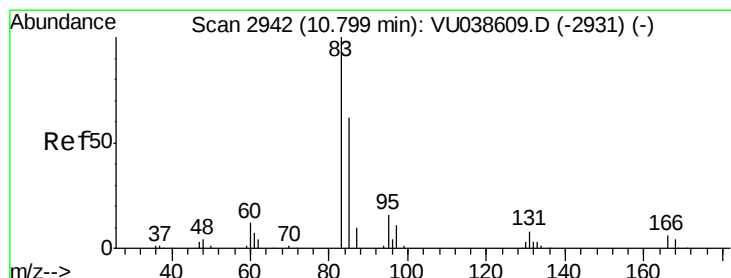
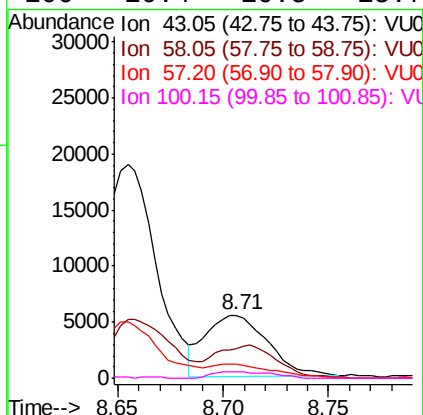
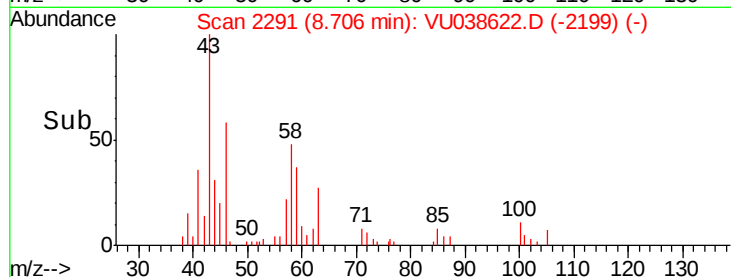
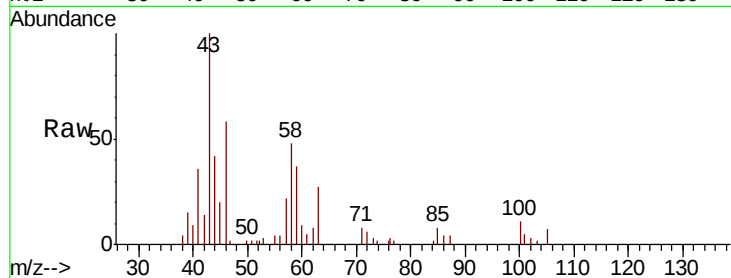




#48
2-Hexanone
Concen: 0.973 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038622.D
Acq: 06 Jun 2020 17:16

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MSVOA_U
ClientSampleId :
F9D36

Tot Ion: 43 Resp: 11227
Ion Ratio Lower Upper
43 100
58 55.4 45.4 68.0
57 22.9 15.9 23.9
100 10.4 10.5 15.7#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.333 ug/L
RT: 10.80 min Scan# 2943
Delta R.T. 0.00 min
Lab File: VU038622.D
Acq: 06 Jun 2020 17:16

Tgt Ion: 83 Resp: 6807
Ion Ratio Lower Upper
83 100
85 26.3 44.2 82.0#
131 2.8 8.1 12.1#

