

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038445.D
 Acq On : 31 May 2020 04:19
 Operator : JC/MD
 Sample : L2788-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:30:46 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	303296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	141446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97114	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	78471	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	141327	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.68	46	364780	61.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.34%
24) Chloroform-d	5.10	84	195947	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	117147	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	399833	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.72	67	123440	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.92	98	331411	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	46903	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.66	63	296290	61.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108600	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	133595	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

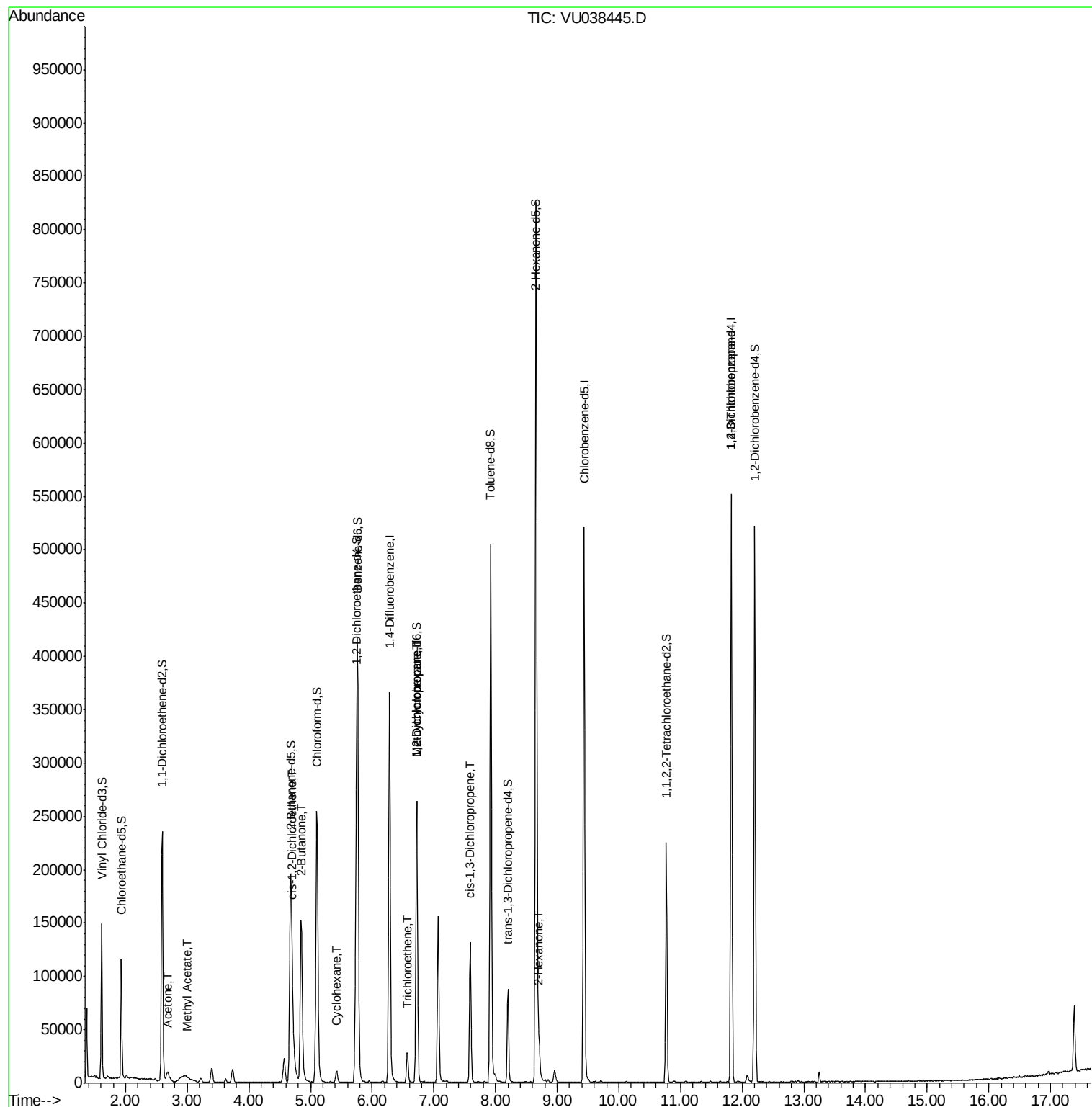
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	19192	4.918	ug/L	99
15) Methyl Acetate	2.99	43	2352	0.246	ug/L #	62
21) 2-Butanone	4.85	43	220356	33.571	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	2502	0.115	ug/L	82
30) Cyclohexane	5.42	56	5342	0.163	ug/L	96
34) Trichloroethene	6.57	95	9027	0.421	ug/L	84
35) Methylcyclohexane	6.72	83	29951	0.903	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13574	0.653	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3220	0.105	ug/L #	62
48) 2-Hexanone	8.71	43	17149	1.524	ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	17627	1.137	ug/L #	86

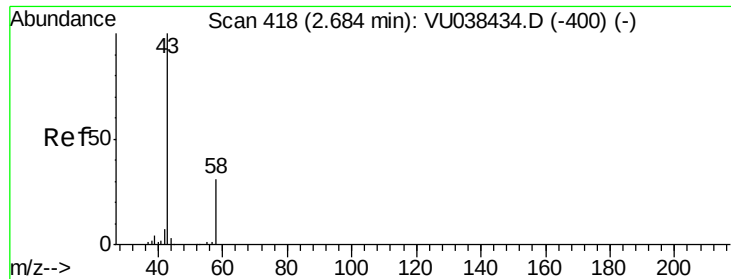
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.918 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038445.D

Acq: 31 May 2020 04:19

Instrument :

MSVOA_U

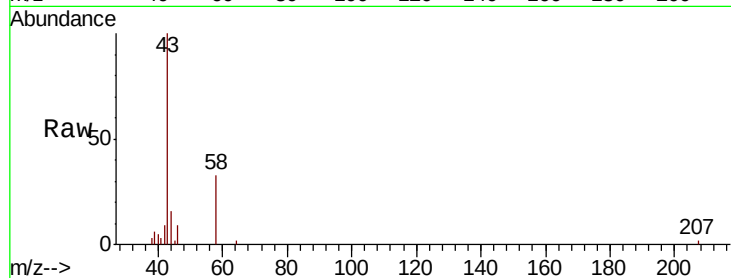
ClientSampleId :

Tot Ion: 43 Resp: 19192

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.6

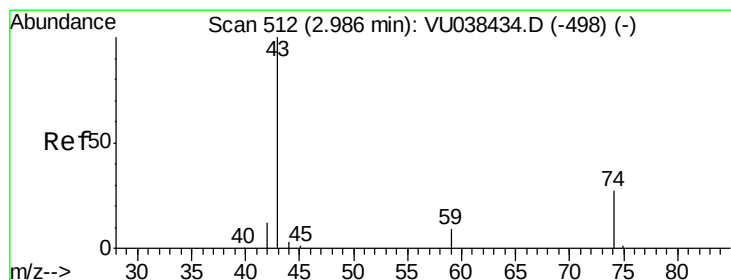
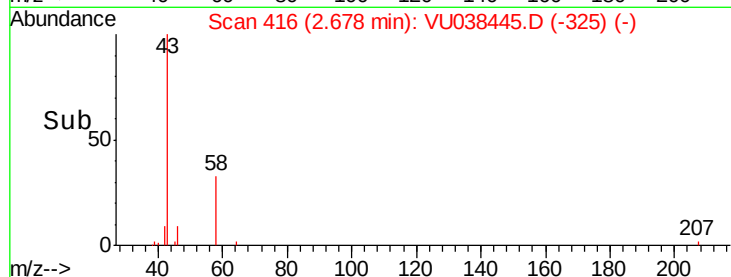


Abundance Ion 43.05 (42.75 to 43.75): VU038434.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038434.D (-400) (-)

2.68

Time-->



#15

Methyl Acetate

Concen: 0.246 ug/L

RT: 2.99 min Scan# 514

Delta R.T. 0.01 min

Lab File: VU038445.D

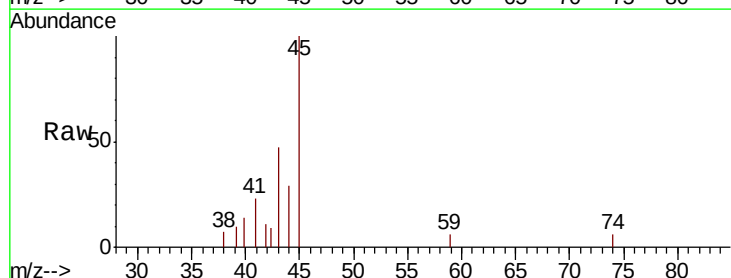
Acq: 31 May 2020 04:19

Tgt Ion: 43 Resp: 2352

Ion Ratio Lower Upper

43 100

74 5.1 19.2 28.8#

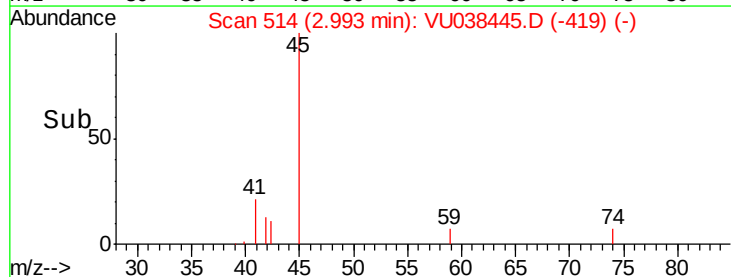


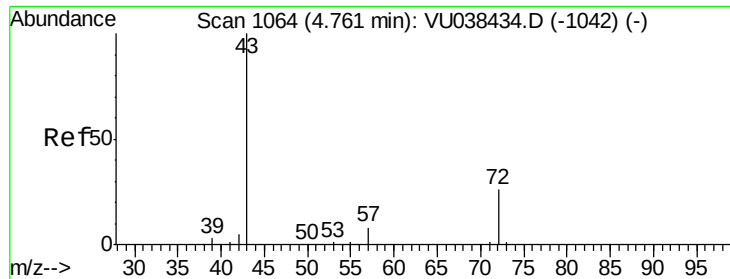
Abundance Ion 43.05 (42.75 to 43.75): VU038434.D (-498) (-)

Ion 74.05 (73.75 to 74.75): VU038434.D (-498) (-)

2.99

Time-->

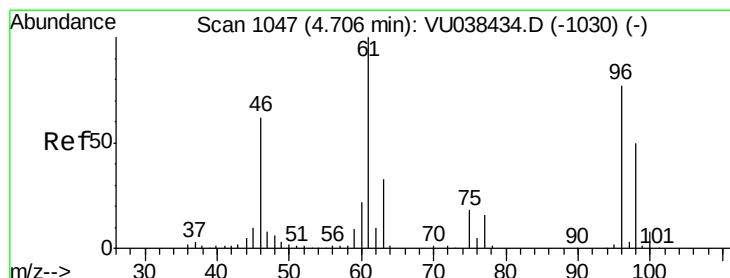
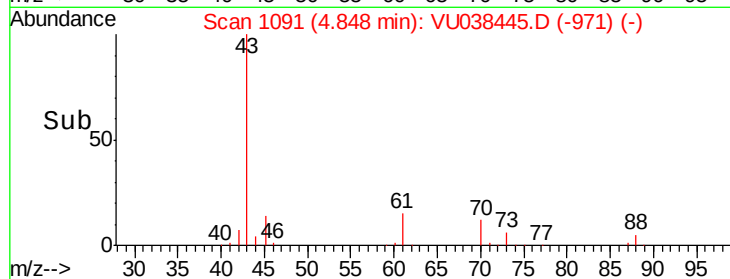
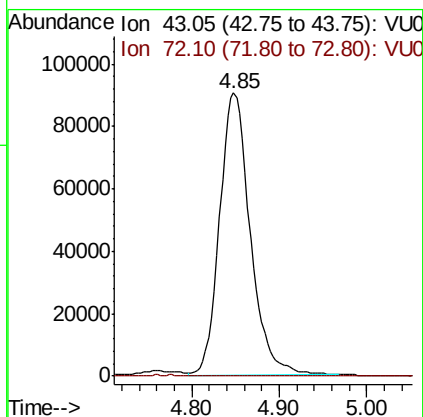
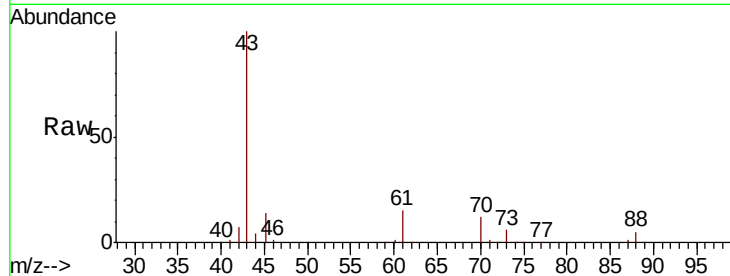




#21
2-Butanone
Concen: 33.571 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.09 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

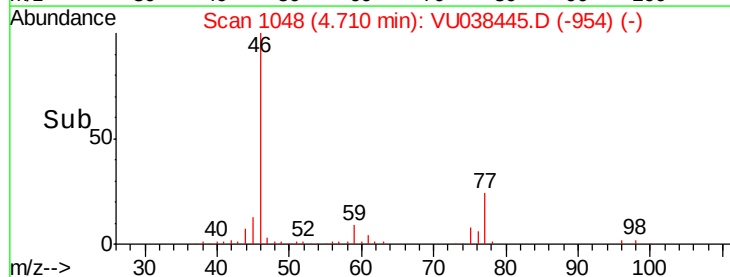
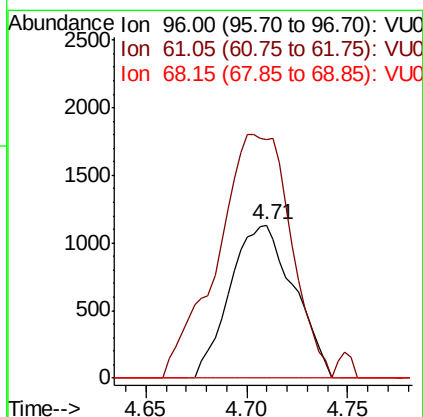
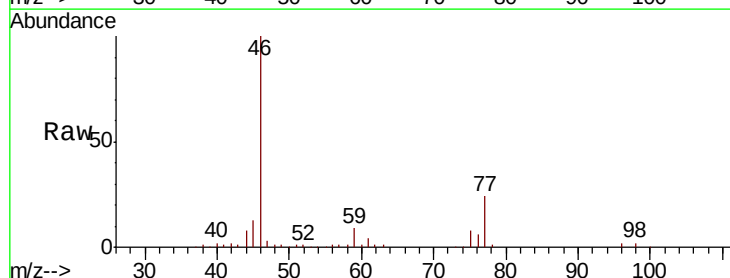
Instrument :
MSVOA_U
ClientSampled :

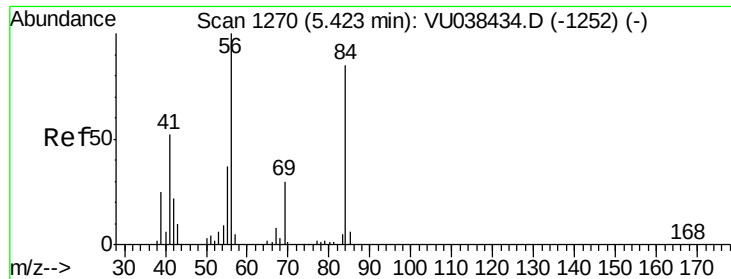
Tot Ion: 43 Resp: 220356
Ion Ratio Lower Upper
43 100
72 0.0 12.6 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

Tgt Ion: 96 Resp: 2502
Ion Ratio Lower Upper
96 100
61 156.0 94.0 174.6
68 0.0 0.0 0.0

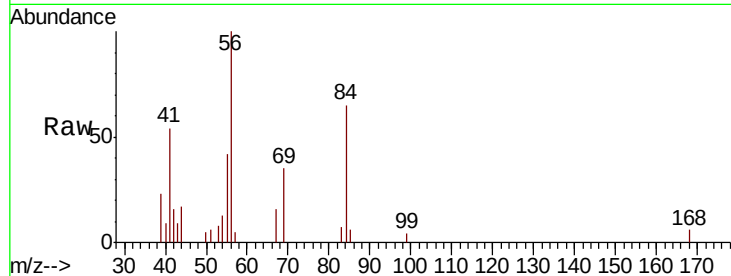




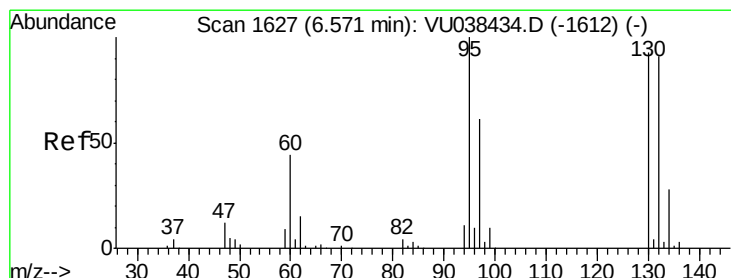
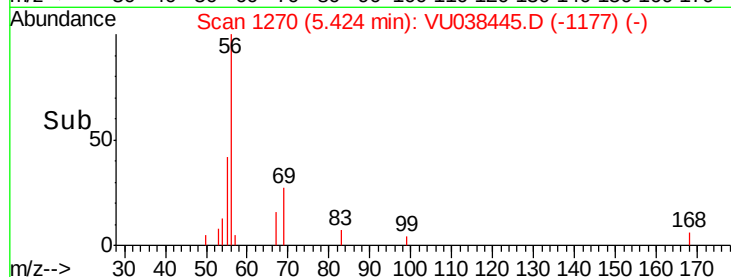
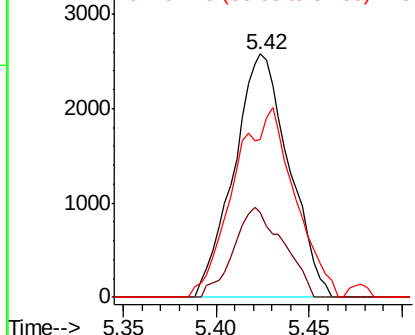
#30
Cyclohexane
Concen: 0.163 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 5342
Ion Ratio Lower Upper
56 100
69 33.5 24.2 36.4
84 85.8 70.8 106.2

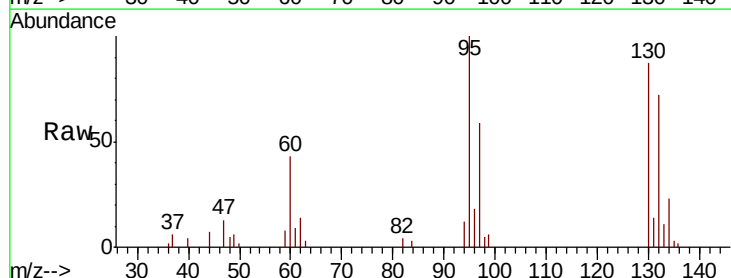


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

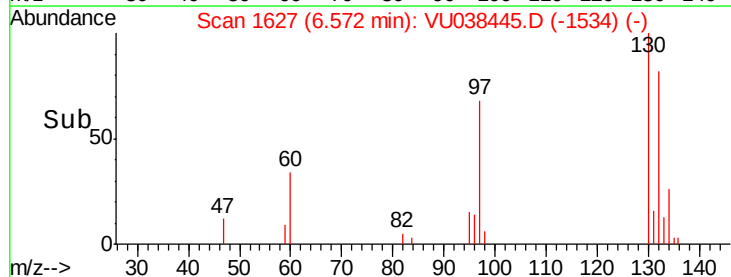
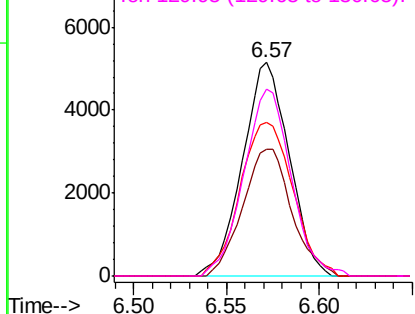


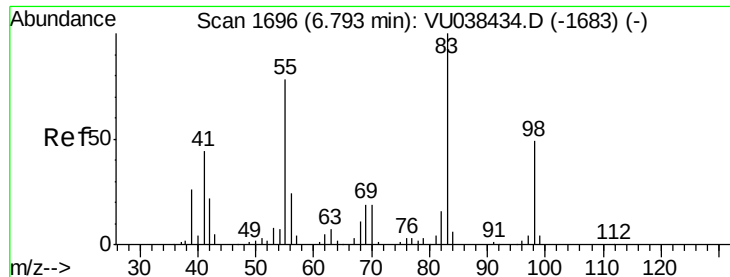
#34
Trichloroethene
Concen: 0.421 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

Tgt Ion: 95 Resp: 9027
Ion Ratio Lower Upper
95 100
97 59.3 46.8 87.0
132 72.1 66.1 122.7
130 87.5 70.0 130.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

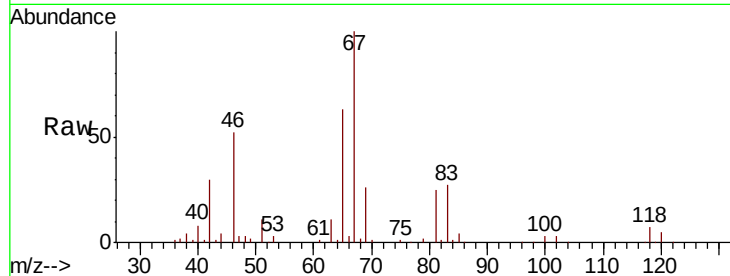




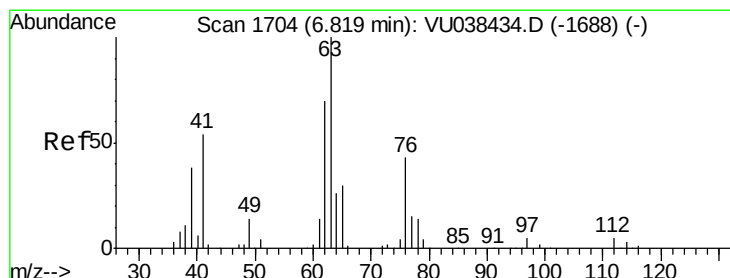
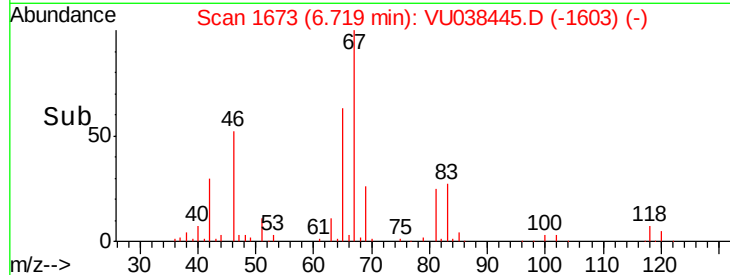
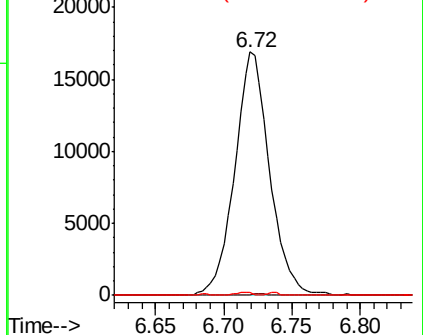
#35
Methylvlcyclohexane
Concen: 0.903 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29951
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.5 39.0 58.4#

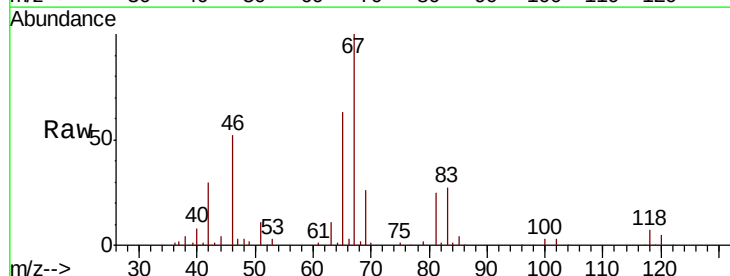


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

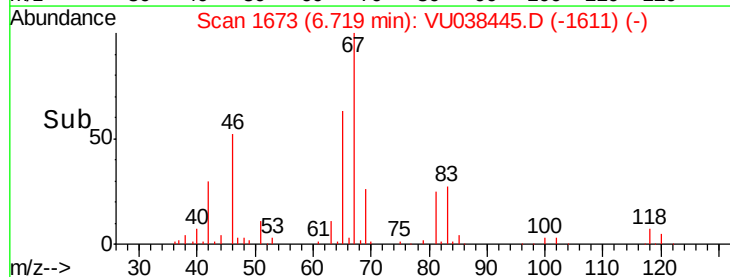
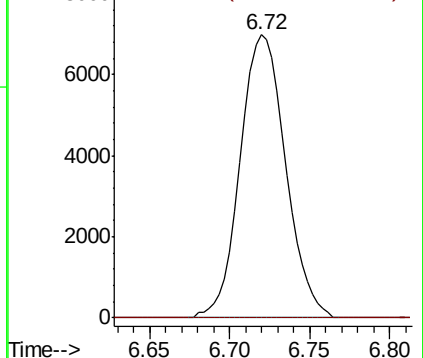


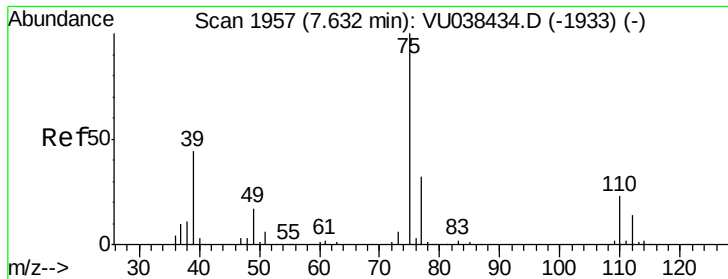
#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038445.D
Acq: 31 May 2020 04:19

Tgt Ion: 63 Resp: 13574
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

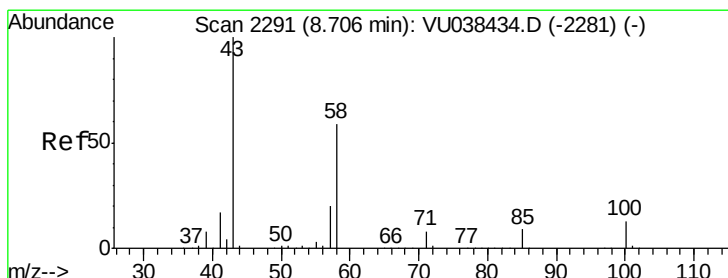
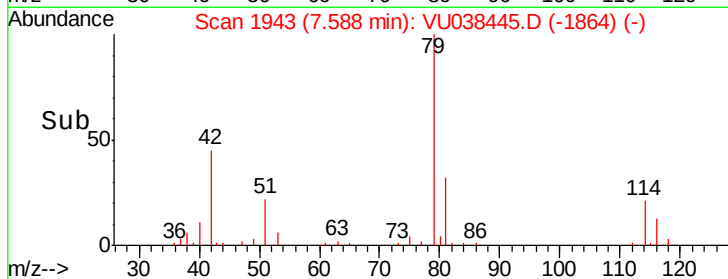
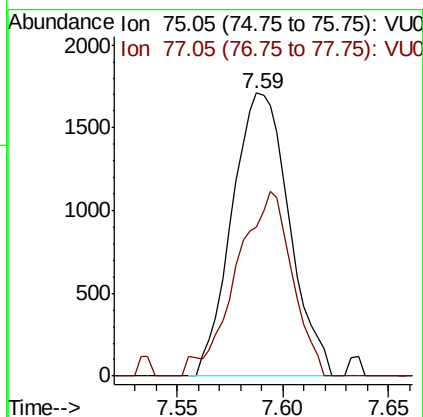
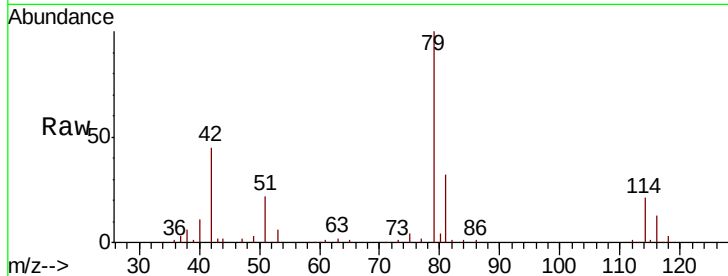




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038445.D
 Acq: 31 May 2020 04:19

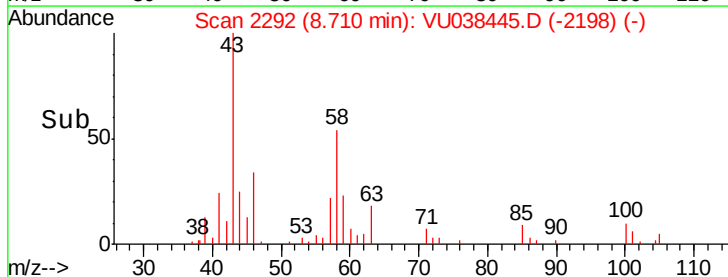
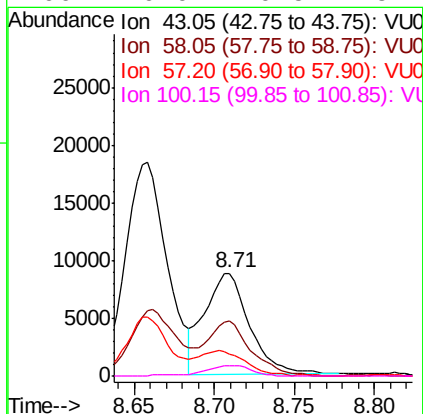
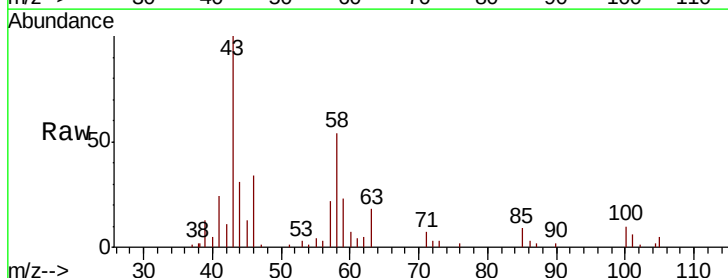
Instrument :
 MSVOA_U
 ClientSampleId :

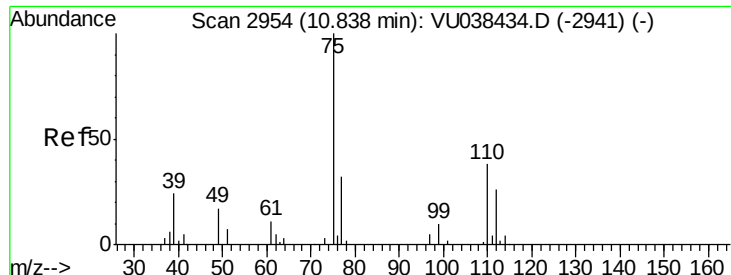
Tot Ion: 75 Resp: 3220
 Ion Ratio Lower Upper
 75 100
 77 52.5 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.524 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038445.D
 Acq: 31 May 2020 04:19

Tgt Ion: 43 Resp: 17149
 Ion Ratio Lower Upper
 43 100
 58 52.6 45.4 68.0
 57 26.3 15.9 23.9#
 100 10.0 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.137 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038445.D

Acq: 31 May 2020 04:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17627

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.2#

