

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038475.D
 Acq On : 01 Jun 2020 16:51
 Operator : JC/MD
 Sample : L2789-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:30:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296603	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	135075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76534	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	70619	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.59	63	121469	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.68	46	340342	58.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	5.10	84	185933	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.74	65	113370	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	368182	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.72	67	117498	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.92	98	309385	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	46825	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.65	63	289413	60.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102341	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	127293	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

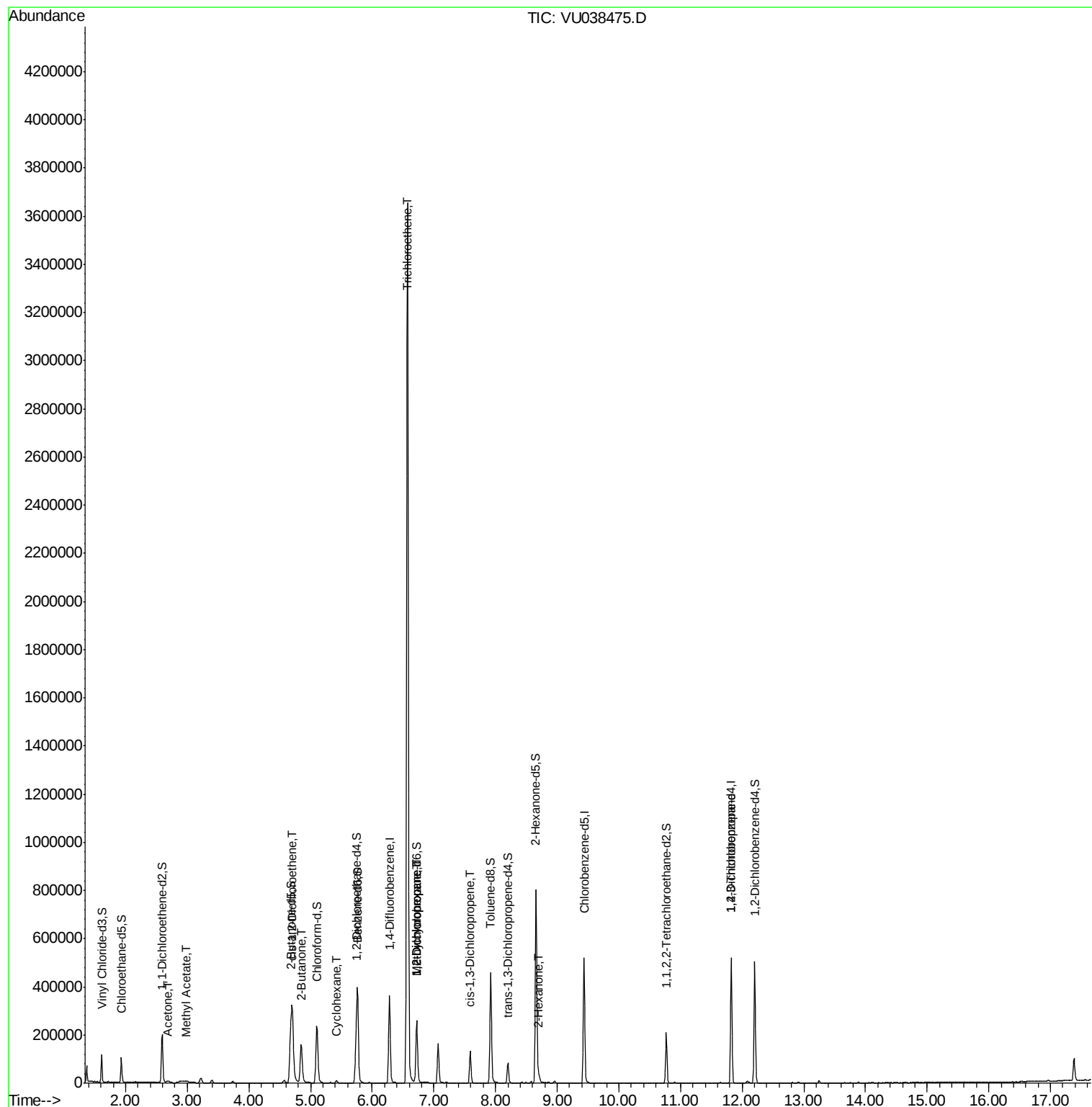
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	16545	4.335	ug/L	63
15) Methyl Acetate	2.97	43	3246	0.347	ug/L #	64
21) 2-Butanone	4.85	43	223155	34.765	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	104717	4.940	ug/L	99
30) Cyclohexane	5.43	56	4199	0.130	ug/L	90
34) Trichloroethene	6.57	95	1244710	59.021	ug/L	98
35) Methylcyclohexane	6.72	83	26806	0.821	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13261	0.649	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3098	0.103	ug/L #	54
48) 2-Hexanone	8.71	43	13515	1.220	ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	17355	1.137	ug/L #	82

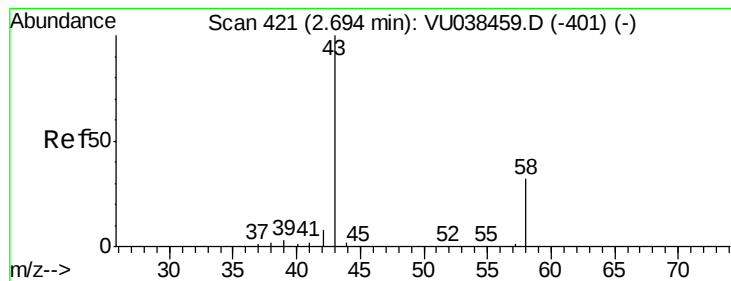
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.335 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038475.D

Acq: 01 Jun 2020 16:51

Instrument :

MSVOA_U

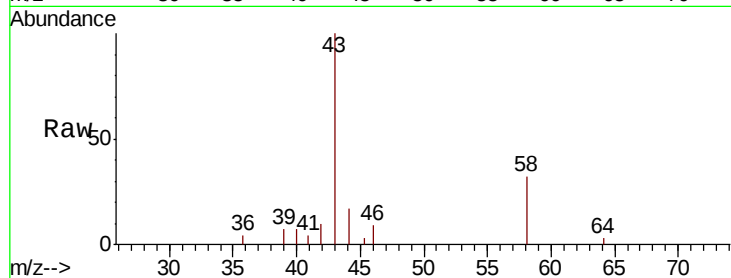
ClientSampleId :

Tot Ion: 43 Resp: 16545

Ion Ratio Lower Upper

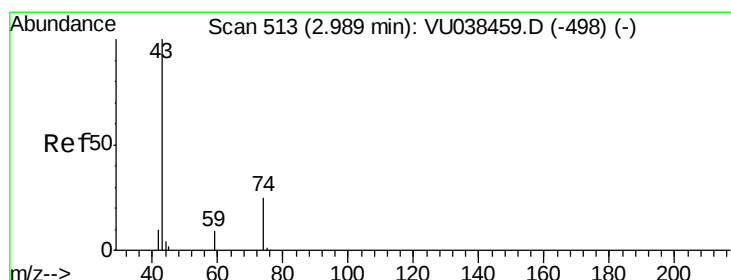
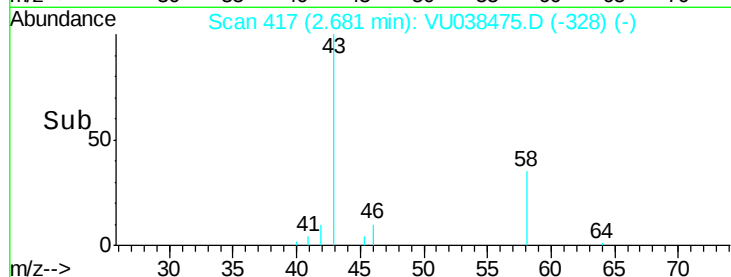
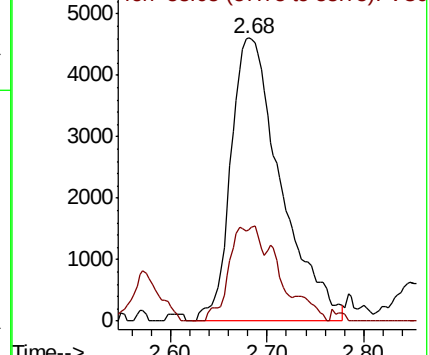
43 100

58 12.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038475.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU038475.D (-328) (-)



#15

Methyl Acetate

Concen: 0.347 ug/L

RT: 2.97 min Scan# 508

Delta R.T. -0.02 min

Lab File: VU038475.D

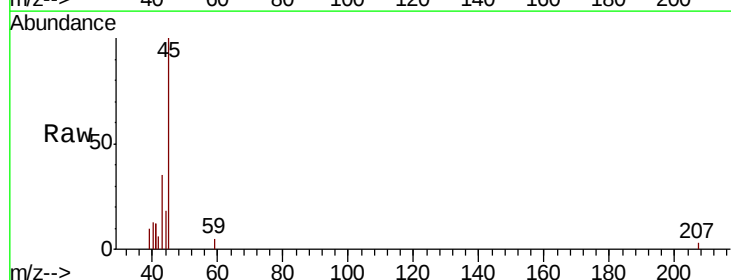
Acq: 01 Jun 2020 16:51

Tgt Ion: 43 Resp: 3246

Ion Ratio Lower Upper

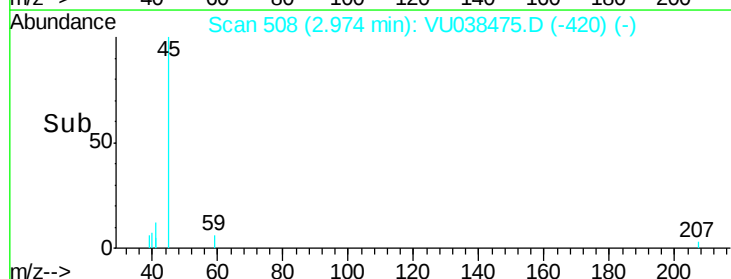
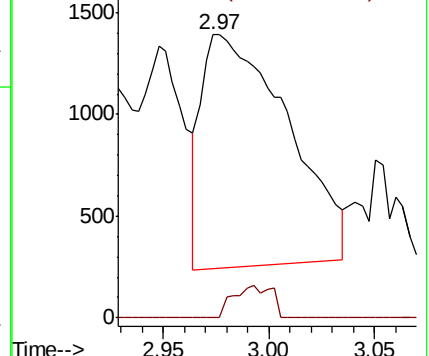
43 100

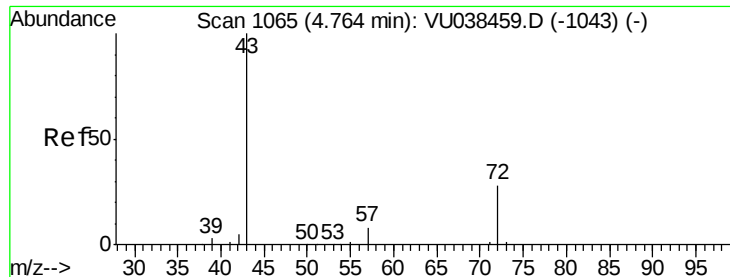
74 6.2 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038475.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VU038475.D (-420) (-)

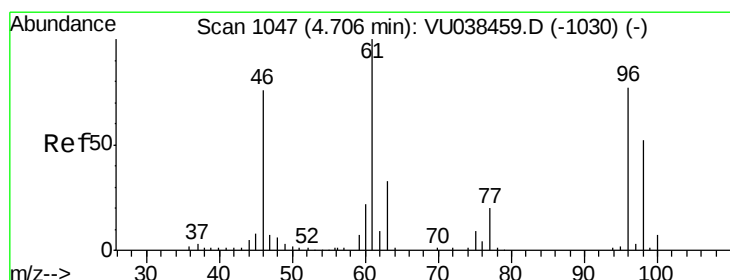
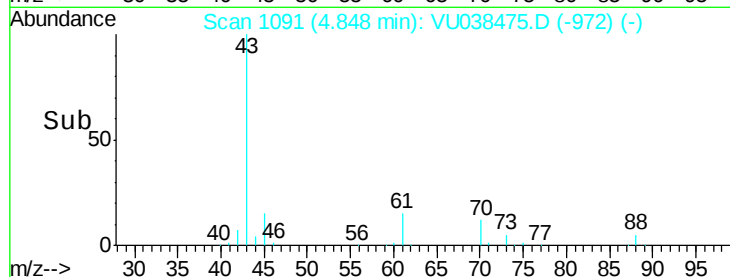
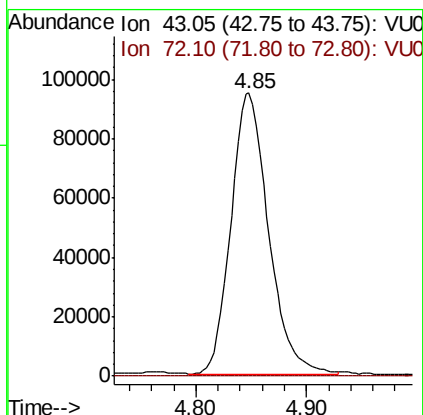
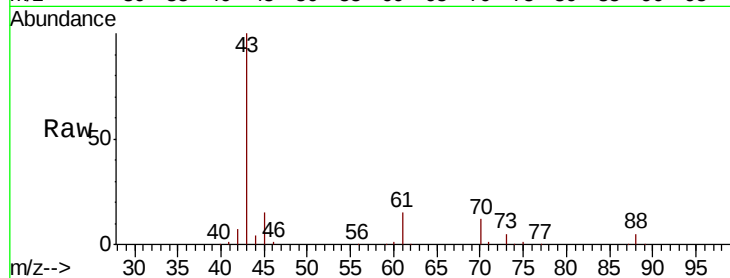




#21
2-Butanone
Concen: 34.765 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.08 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

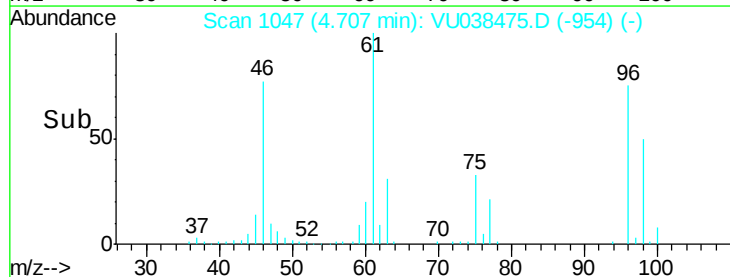
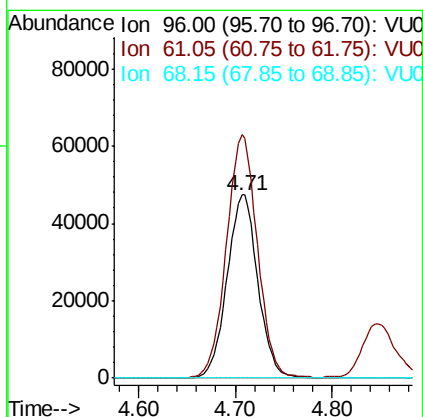
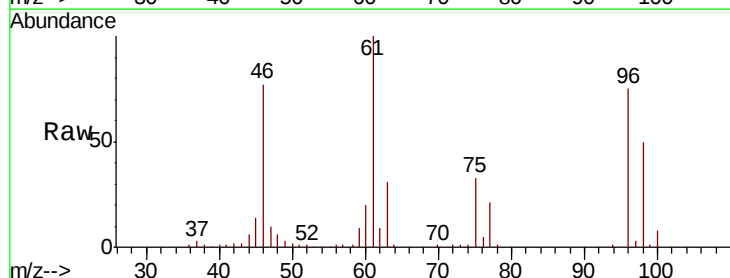
Instrument :
MSVOA_U
ClientSampled :

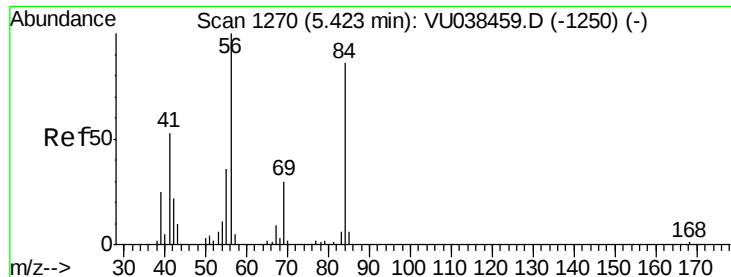
Tot Ion: 43 Resp: 223155
Ion Ratio Lower Upper
43 100
72 0.0 12.6 37.8#



#22
cis-1,2-Dichloroethene
Concen: 4.940 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Tgt Ion: 96 Resp: 104717
Ion Ratio Lower Upper
96 100
61 132.8 94.0 174.6
68 0.0 0.0 0.0

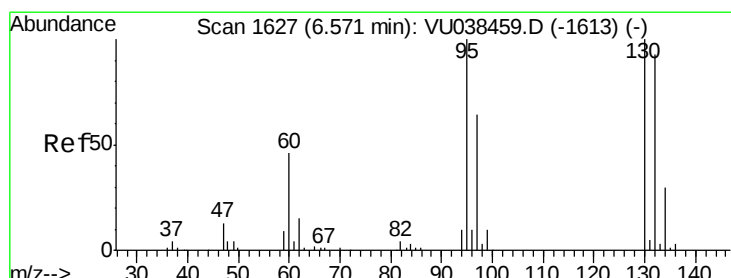
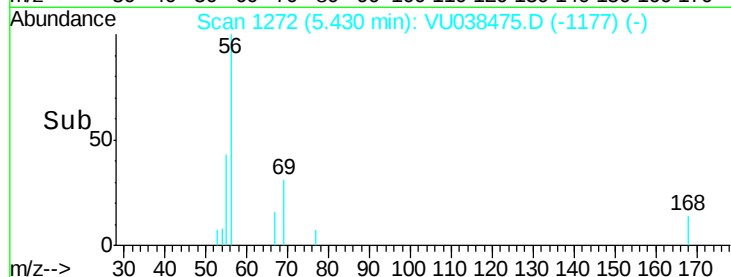
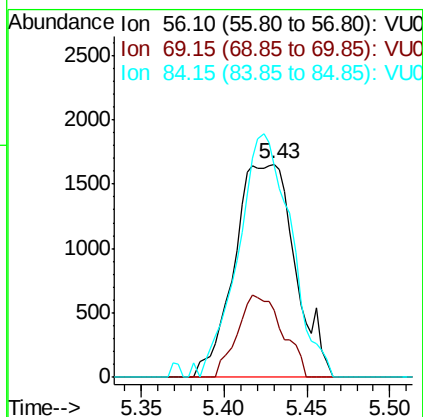
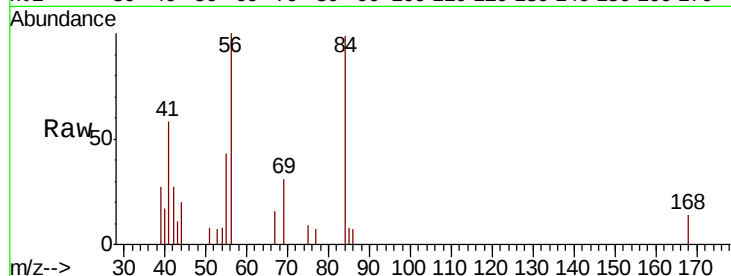




#30
Cyclohexane
Concen: 0.130 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

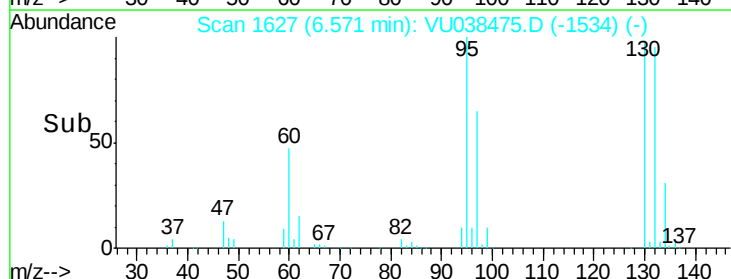
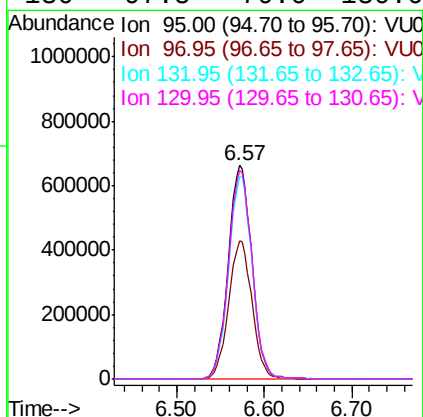
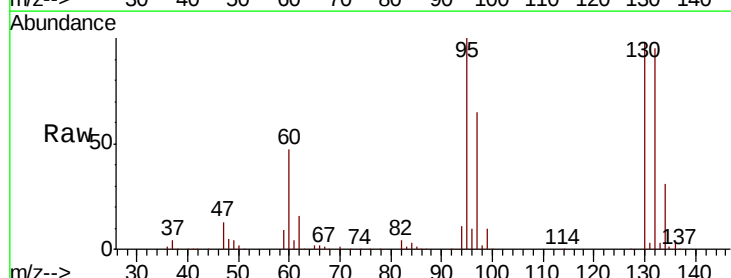
Instrument :
MSVOA_U
ClientSampleId :

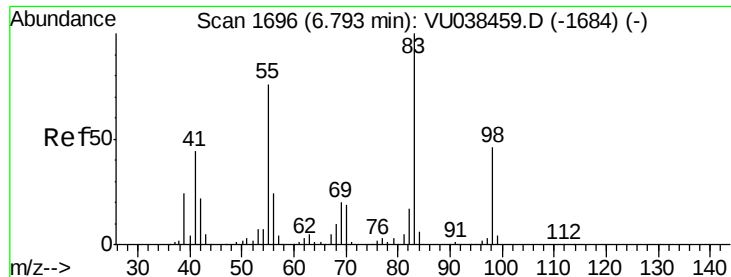
Tot Ion: 56 Resp: 4199
Ion Ratio Lower Upper
56 100
69 28.6 24.2 36.4
84 99.8 70.8 106.2



#34
Trichloroethene
Concen: 59.021 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Tgt Ion: 95 Resp: 1244710
Ion Ratio Lower Upper
95 100
97 64.7 46.8 87.0
132 94.7 66.1 122.7
130 97.5 70.0 130.0

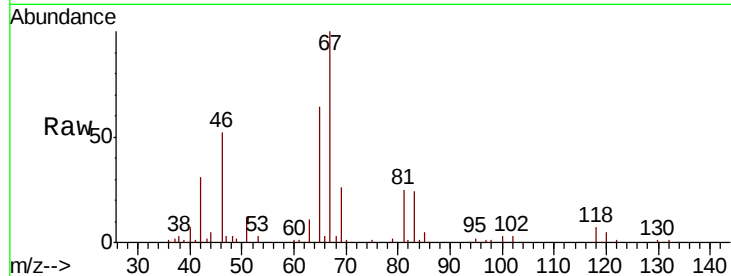




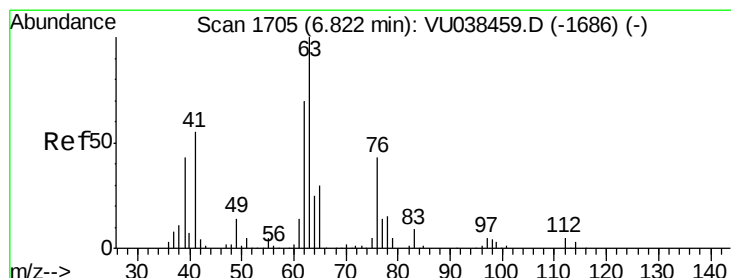
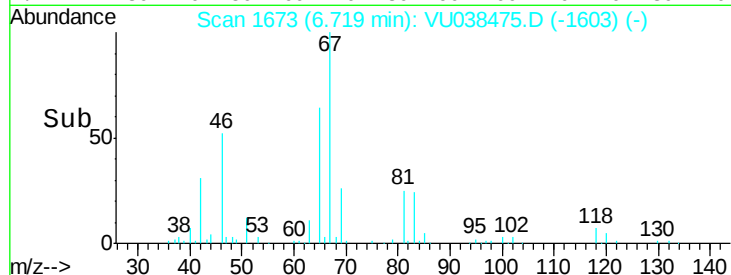
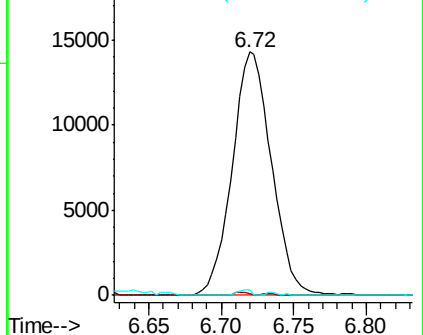
#35
Methvlcvclohexane
Concen: 0.821 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26806
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 0.0 39.0 58.4#

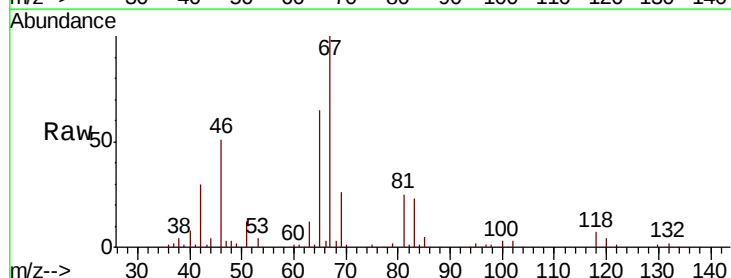


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

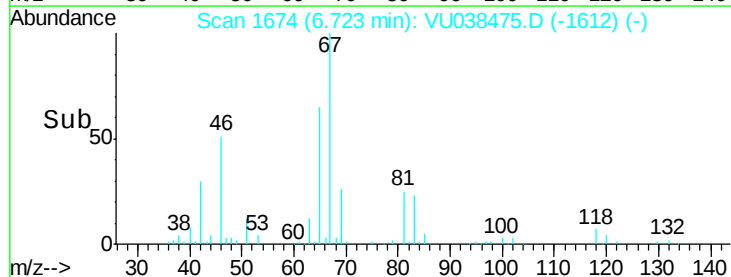
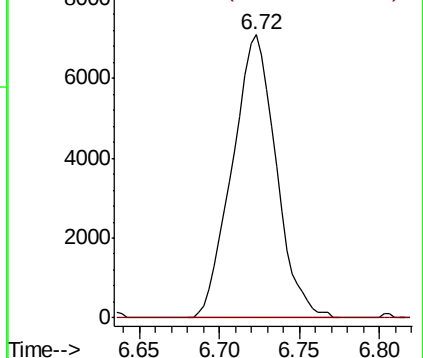


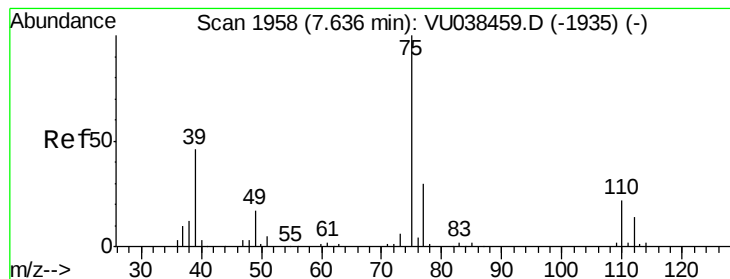
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Tgt Ion: 63 Resp: 13261
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



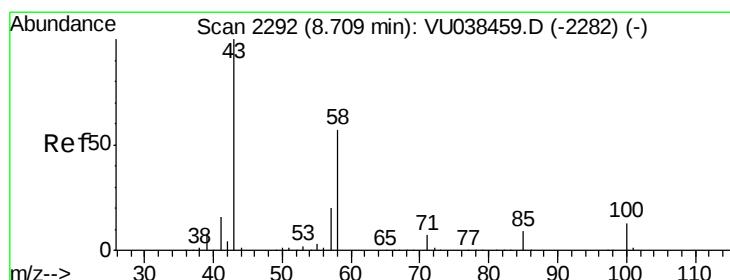
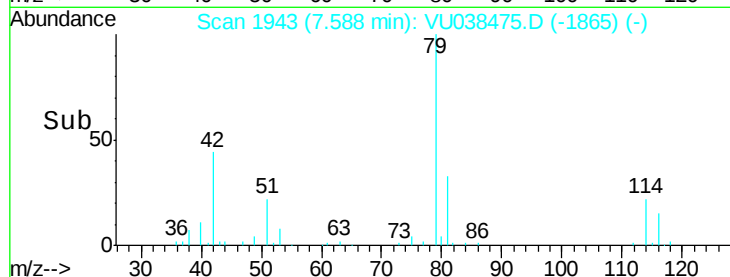
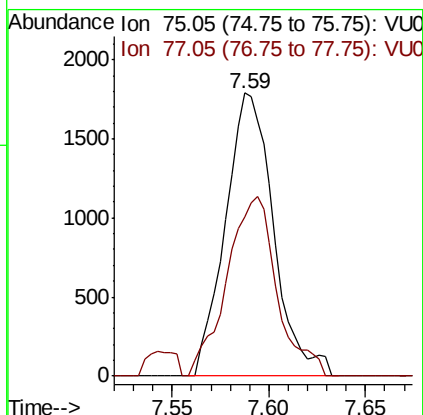
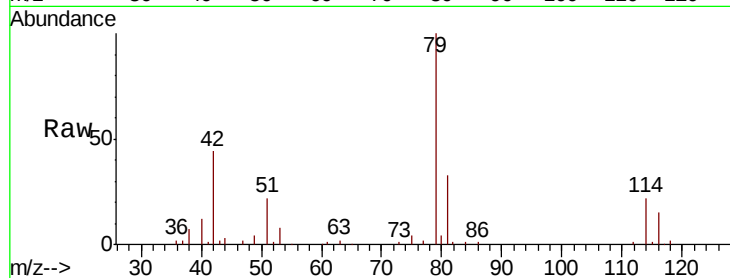


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Instrument :
MSVOA_U
ClientSampleId :

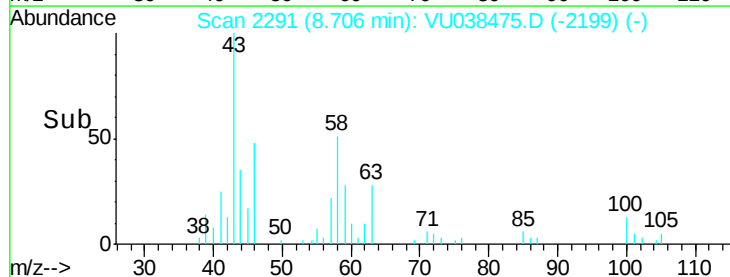
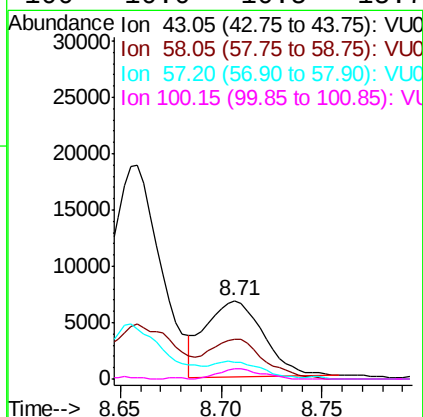
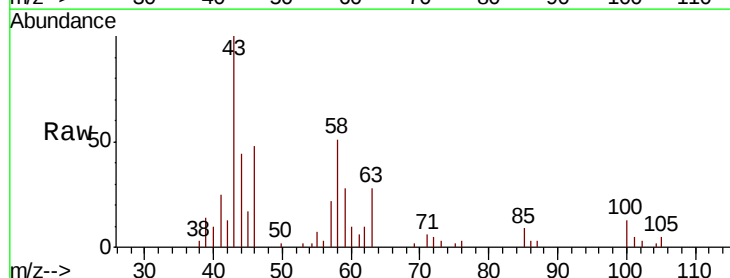
Tot Ion: 75 Resp: 3098
Ion Ratio Lower Upper
75 100
77 56.5 21.9 40.7#

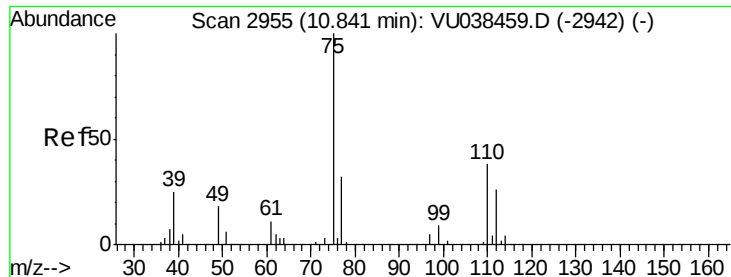


#48

2-Hexanone
Concen: 1.220 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038475.D
Acq: 01 Jun 2020 16:51

Tgt Ion: 43 Resp: 13515
Ion Ratio Lower Upper
43 100
58 49.8 45.4 68.0
57 18.0 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: VU038475.D

Acq: 01 Jun 2020 16:51

Instrument :

MSVOA_U

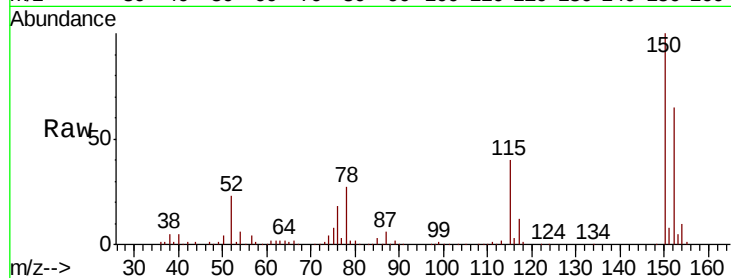
ClientSampleId :

Tot Ion: 75 Resp: 17355

Ion Ratio Lower Upper

75 100

77 41.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

