

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040087.D
 Acq On : 10 Sep 2020 17:38
 Operator : SY/MD
 Sample : L3961-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y28

Quant Time: Sep 11 01:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91213	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39292	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30418	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.92	69	24635	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.58	63	48855	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.65	46	100800	50.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	5.08	84	58111	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	36317	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	112337	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.70	67	36083	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	93844	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.19	79	14523	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	72660	48.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30738	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36146	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

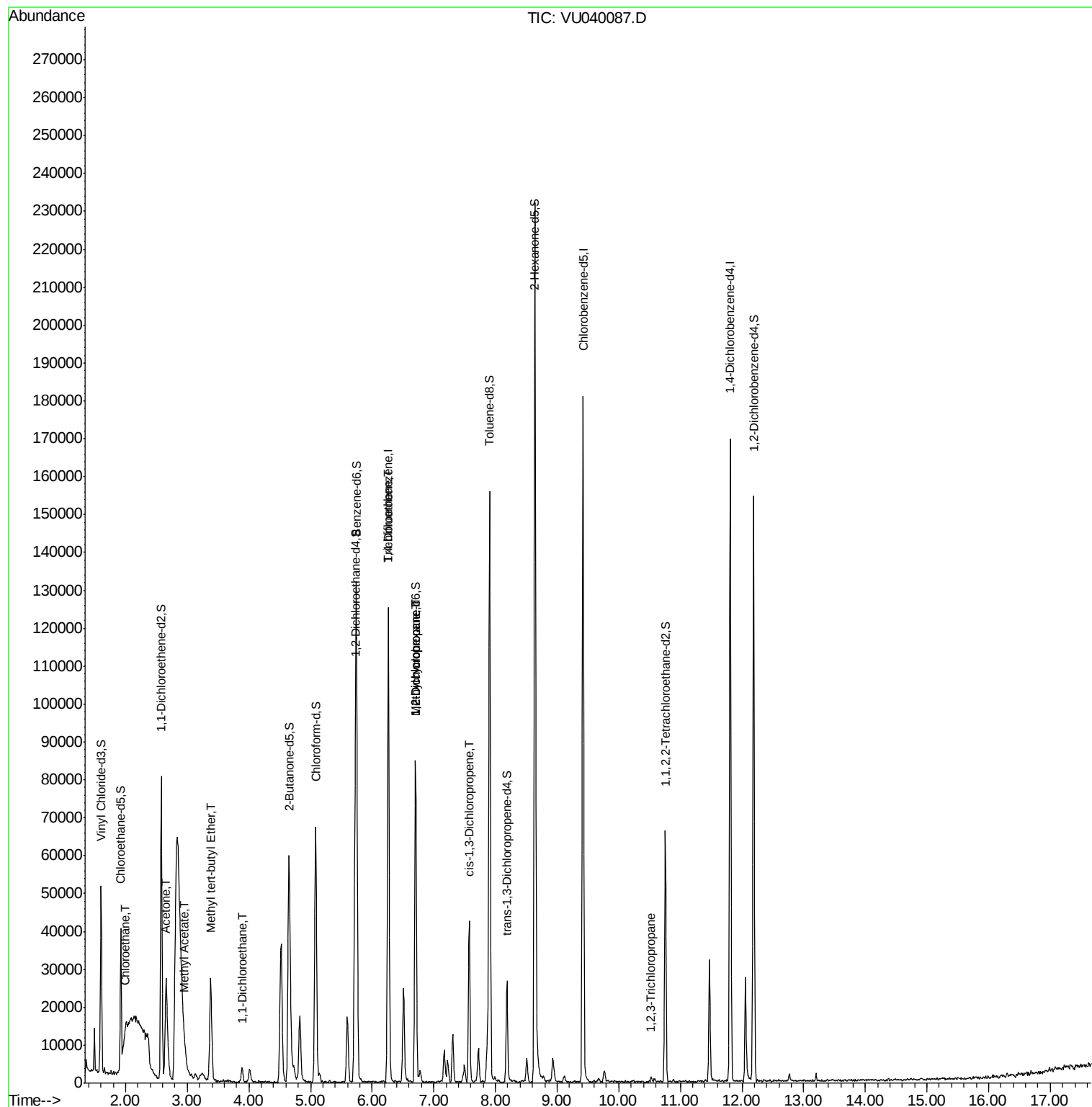
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.99	64	15692	2.972	ug/L #	54
13) Acetone	2.66	43	47400	25.705	ug/L	99
15) Methyl Acetate	2.96	43	1258	0.272	ug/L #	58
17) Methyl tert-butyl Ether	3.38	73	25943	1.219	ug/L	95
19) 1,1-Dichloroethane	3.89	63	4417	0.283	ug/L	87
34) Trichloroethene	6.27	95	1742	0.201	ug/L #	9
35) Methylcyclohexane	6.71	83	8508	0.642	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4388	0.502	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	958	0.074	ug/L #	29
59) 1,2,3-Trichloropropane	10.53	75	880	0.136	ug/L #	44

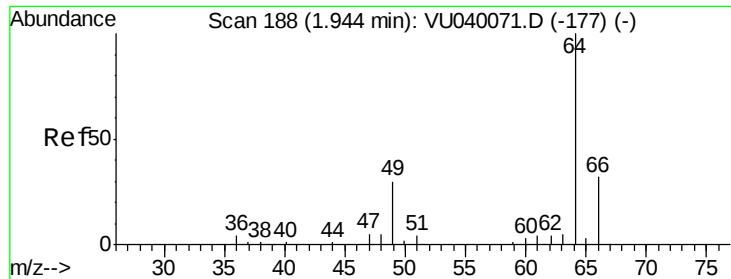
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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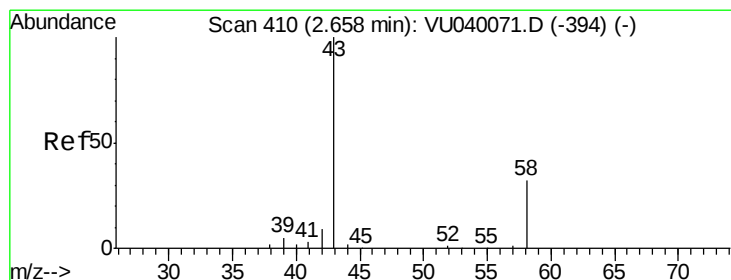
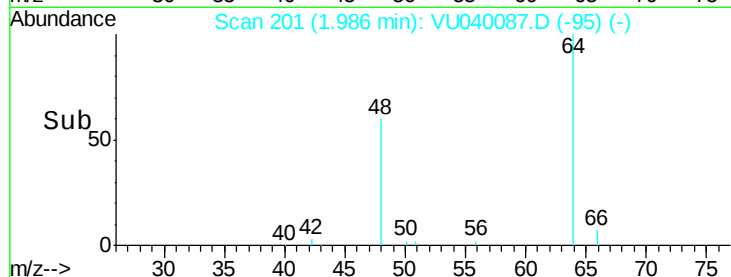
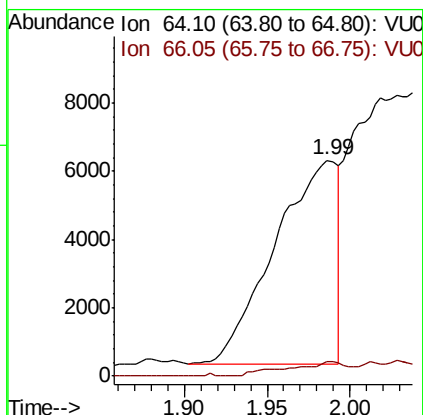
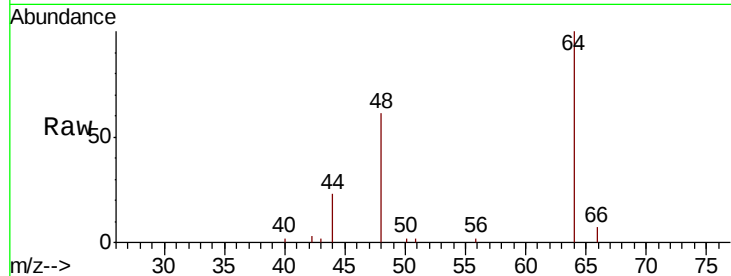




#8
Chloroethane
Concen: 2.972 ug/L
RT: 1.99 min Scan# 201
Delta R.T. 0.04 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

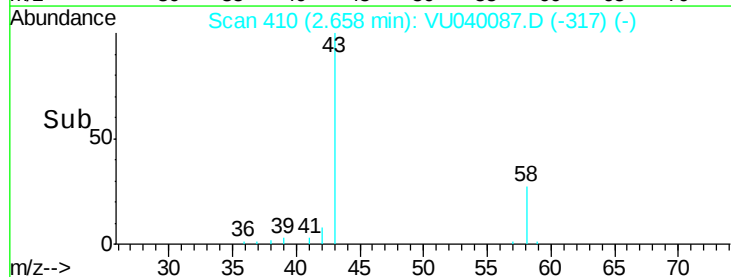
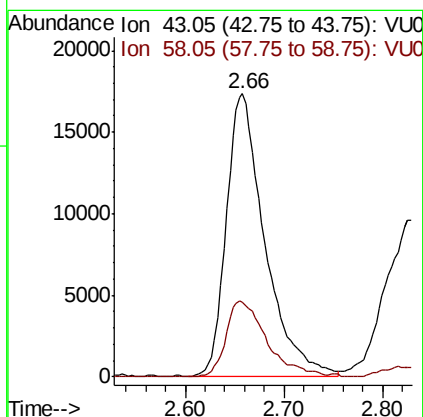
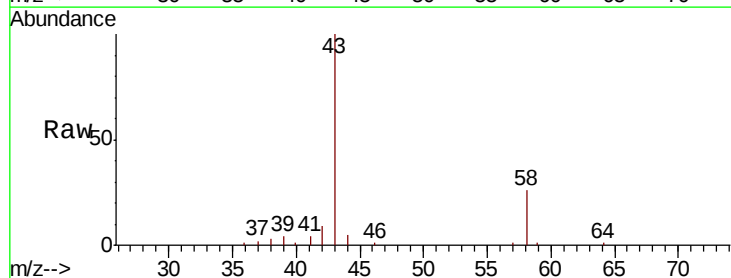
Instrument :
MSVOA_U
ClientSampleId :
F4Y28

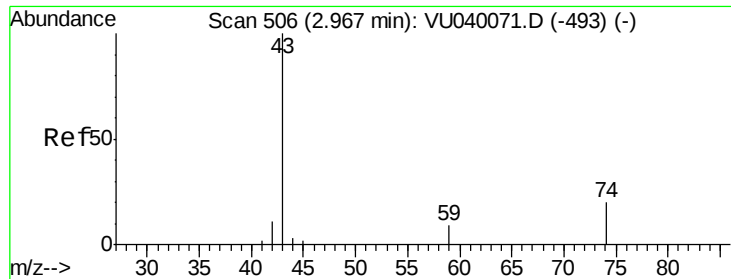
Tot Ion: 64 Resp: 15692
Ion Ratio Lower Upper
64 100
66 6.5 22.7 42.1#



#13
Acetone
Concen: 25.705 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

Tgt Ion: 43 Resp: 47400
Ion Ratio Lower Upper
43 100
58 28.3 0.0 55.4

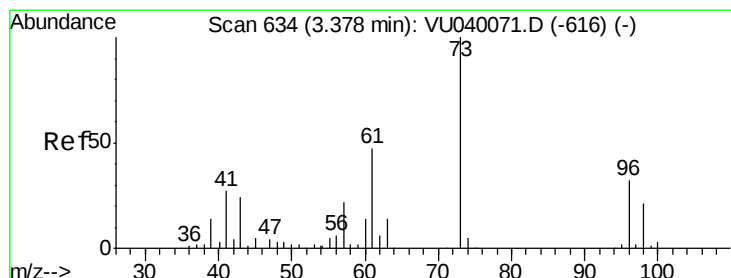
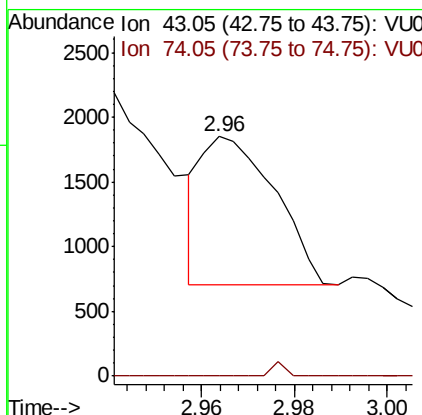
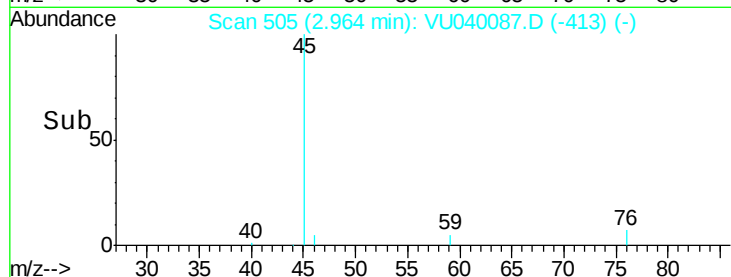
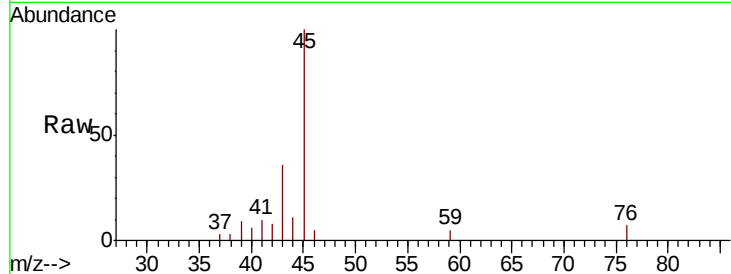




#15
Methvl Acetate
Concen: 0.272 ug/L
RT: 2.96 min Scan# 505
Delta R.T. -0.00 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

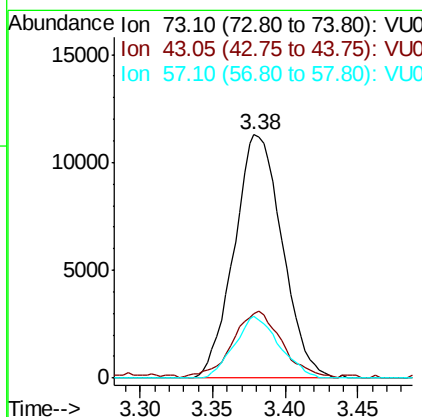
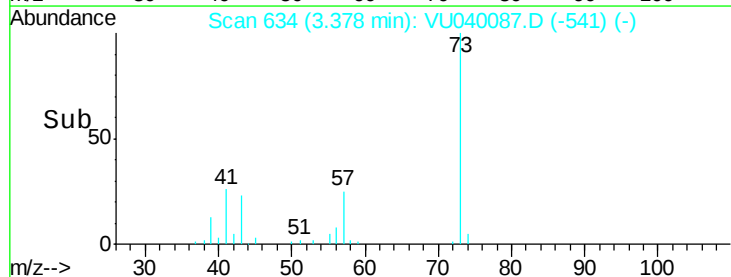
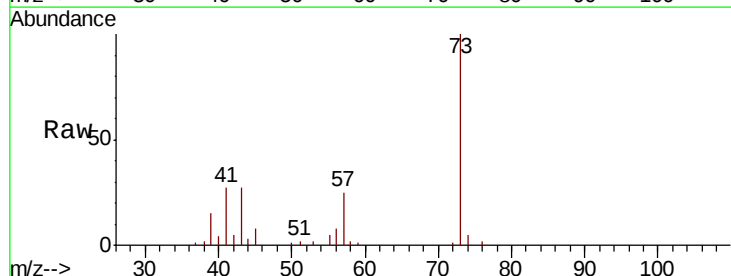
Instrument :
MSVOA_U
ClientSampleId :
F4Y28

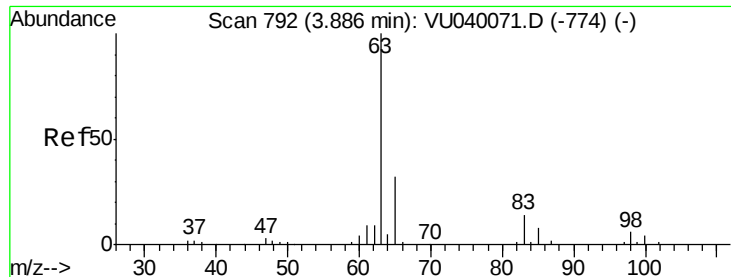
Tot Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
74 1.7 17.4 26.0#



#17
Methyl tert-butyl Ether
Concen: 1.219 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

Tgt Ion: 73 Resp: 25943
Ion Ratio Lower Upper
73 100
43 28.4 19.1 28.7
57 23.6 18.3 27.5

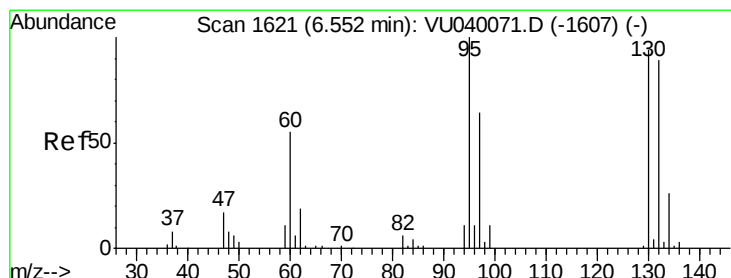
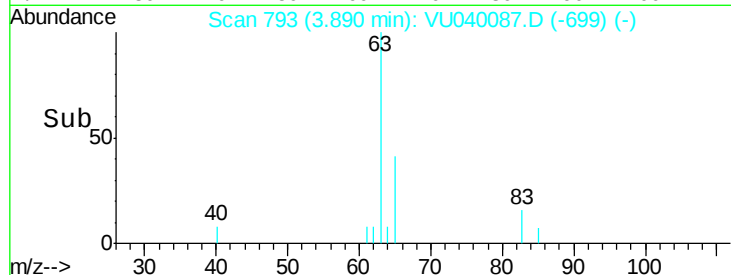
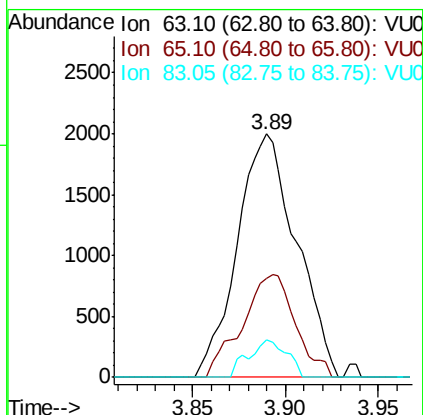
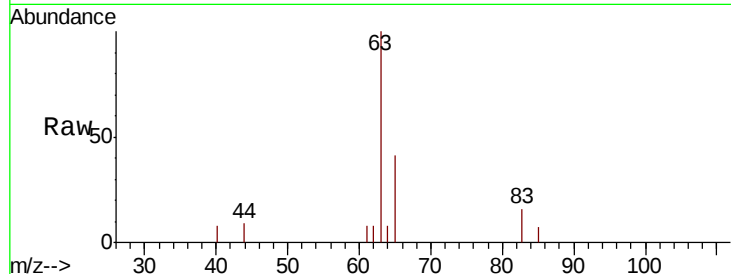




#19
1,1-Dichloroethane
Concen: 0.283 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

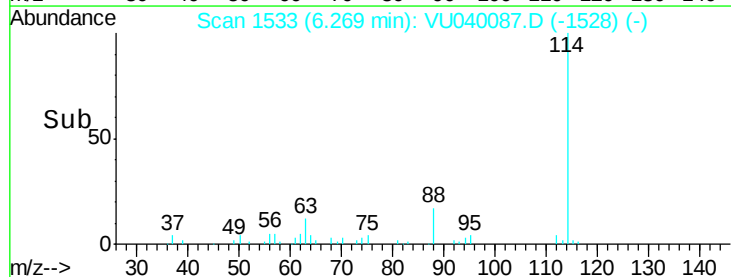
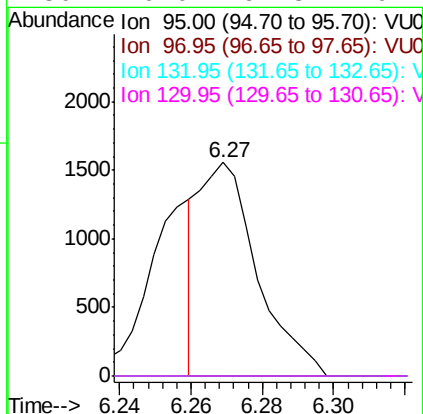
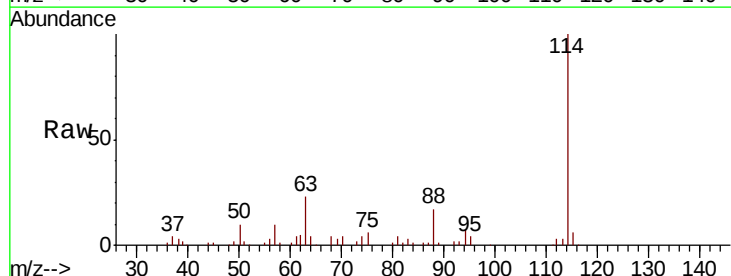
Instrument :
MSVOA_U
ClientSampled :
F4Y28

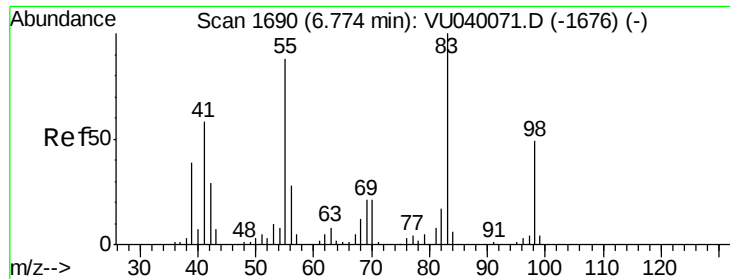
Tot Ion: 63 Resp: 4417
Ion Ratio Lower Upper
63 100
65 40.8 22.2 41.2
83 15.5 9.4 17.6



#34
Trichloroethene
Concen: 0.201 ug/L
RT: 6.27 min Scan# 1533
Delta R.T. -0.28 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

Tgt Ion: 95 Resp: 1742
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 59.4 110.4#
130 0.0 64.8 120.4#

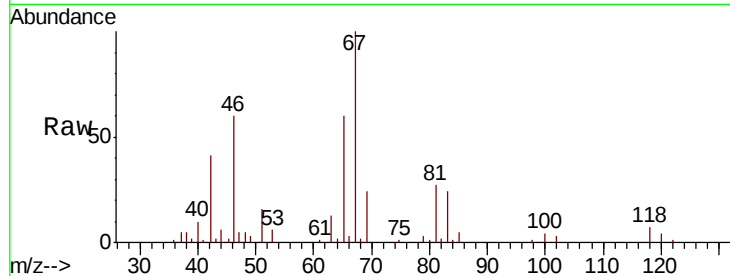




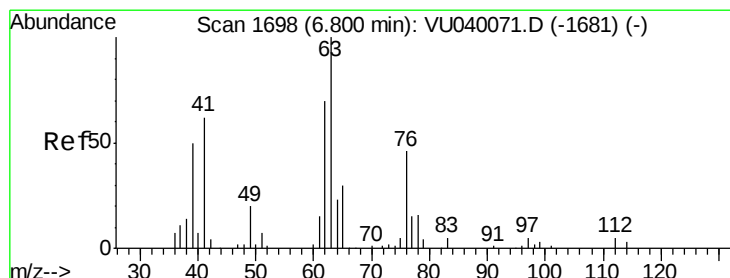
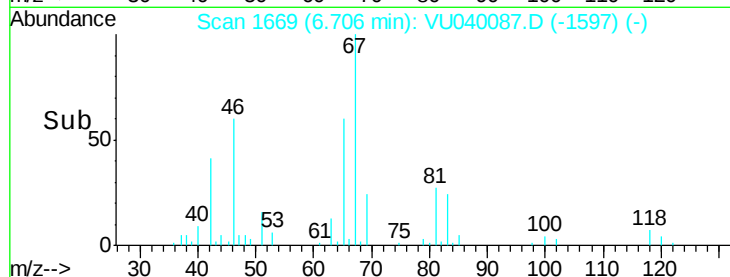
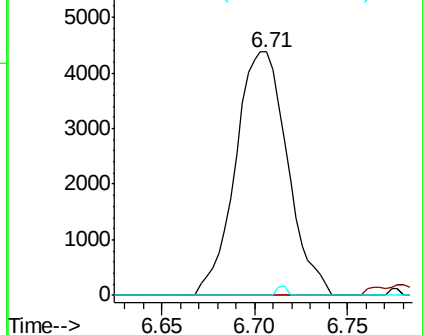
#35
Methvlcvclohexane
Concen: 0.642 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

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MSVOA_U
ClientSampleId :
F4Y28

Tot Ion: 83 Resp: 8508
Ion Ratio Lower Upper
83 100
55 1.2 70.5 105.7#
98 0.7 37.8 56.6#

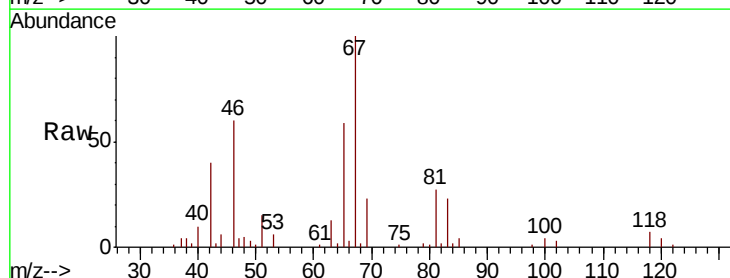


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

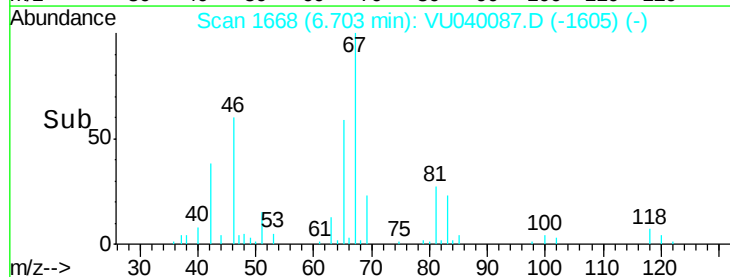
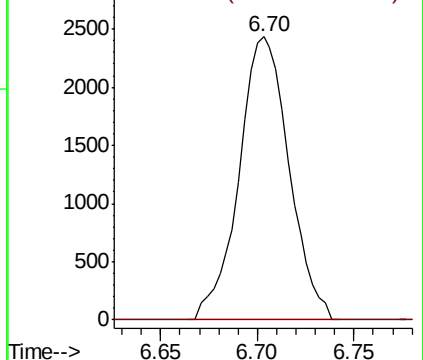


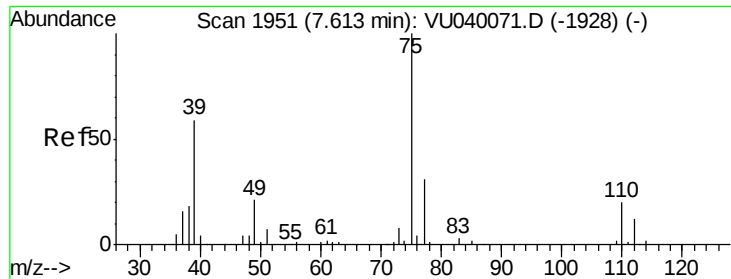
#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040087.D
Acq: 10 Sep 2020 17:38

Tgt Ion: 63 Resp: 4388
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

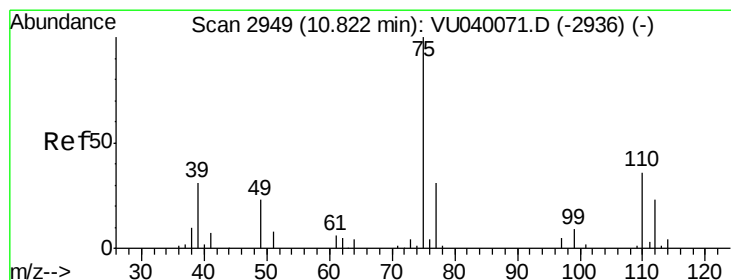
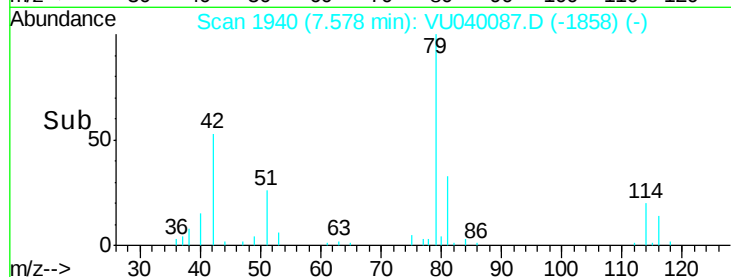
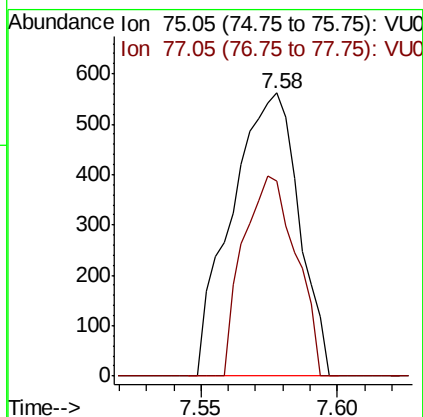
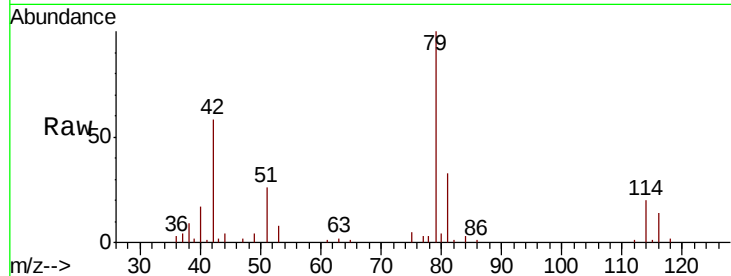




#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040087.D
 Acq: 10 Sep 2020 17:38

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Tot Ion: 75 Resp: 958
 Ion Ratio Lower Upper
 75 100
 77 68.9 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 0.136 ug/L
 RT: 10.53 min Scan# 2857
 Delta R.T. -0.30 min
 Lab File: VU040087.D
 Acq: 10 Sep 2020 17:38

Tgt Ion: 75 Resp: 880
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#

