

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039938.D
 Acq On : 21 Aug 2020 19:14
 Operator : SY/MD
 Sample : L3776-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y15

Quant Time: Aug 22 00:50:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79523	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26820	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	26975	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	37203	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.65	46	101659	45.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.58%
24) Chloroform-d	5.08	84	57056	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	33122	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.75	84	106564	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	37144	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	84536	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	13107	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	75599	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29272	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	30769	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

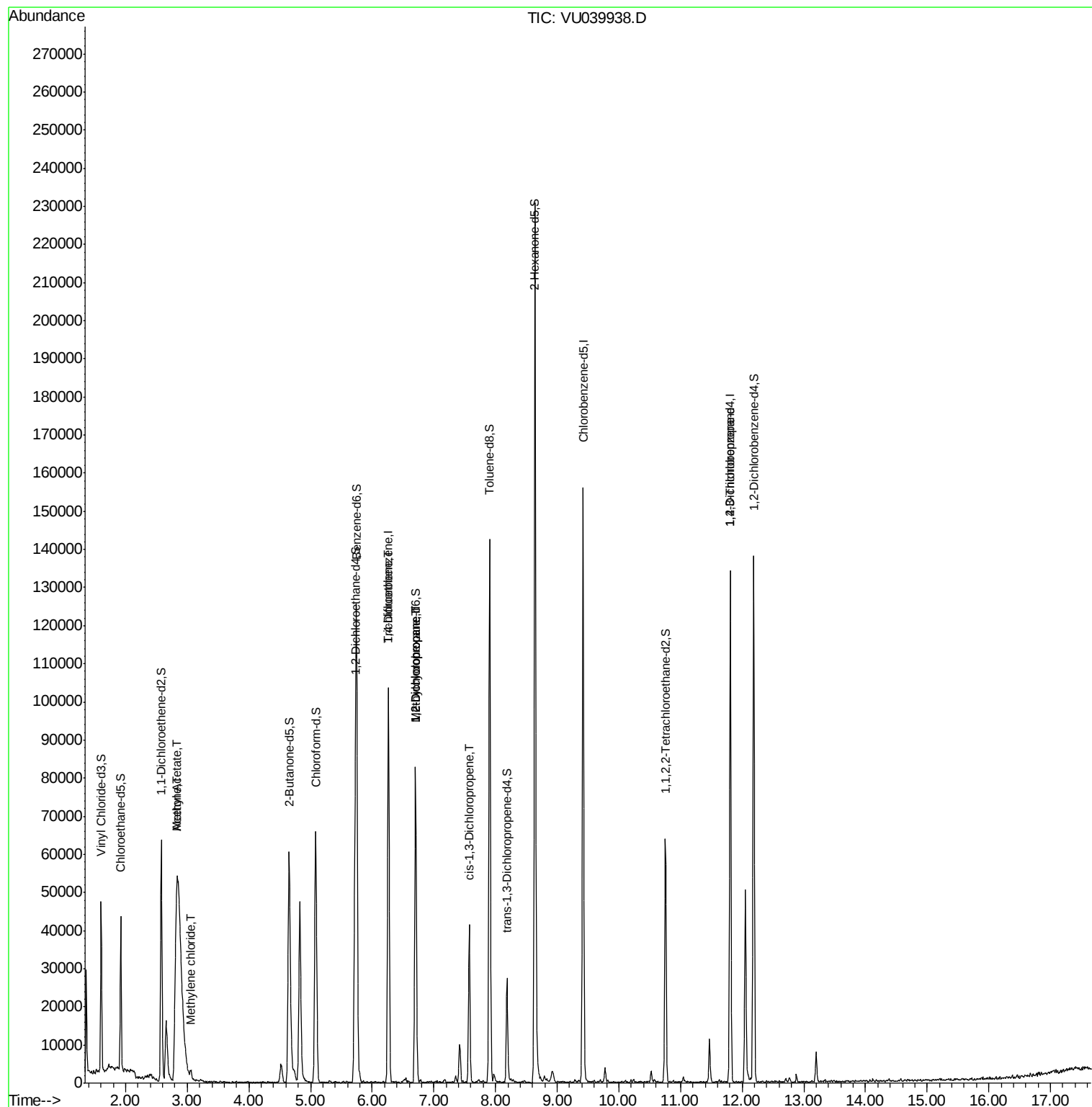
					Ovalue
13) Acetone	2.84	43	20833	13.734	ug/L 83
15) Methyl Acetate	2.84	43	20833	5.350	ug/L # 56
16) Methylene chloride	3.06	84	793	0.083	ug/L # 83
34) Trichloroethene	6.27	95	1277	0.173	ug/L # 7
35) Methylcyclohexane	6.70	83	8392	0.740	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	4648	0.613	ug/L # 85
39) cis-1,3-Dichloropropene	7.57	75	1118	0.106	ug/L 88
59) 1,2,3-Trichloropropane	11.81	75	5184	0.954	ug/L 92

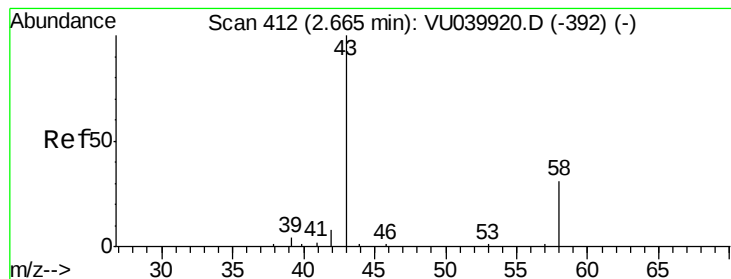
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.734 ug/L

RT: 2.84 min Scan# 467

Delta R.T. 0.18 min

Lab File: VU039938.D

Acq: 21 Aug 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

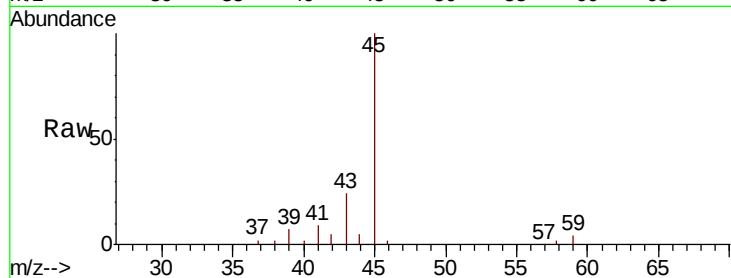
F4Y15

Tot Ion: 43 Resp: 20833

Ion Ratio Lower Upper

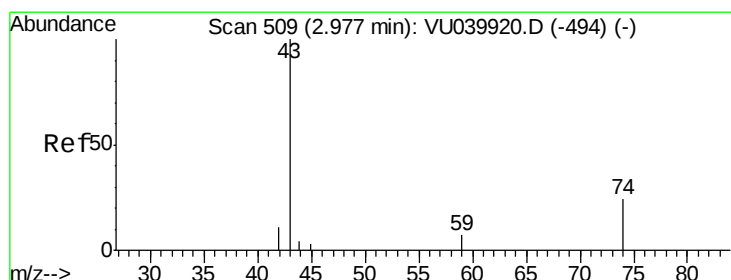
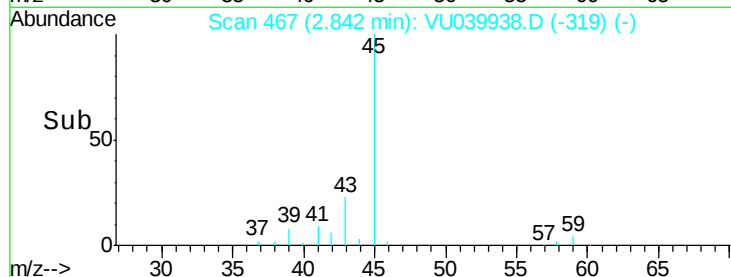
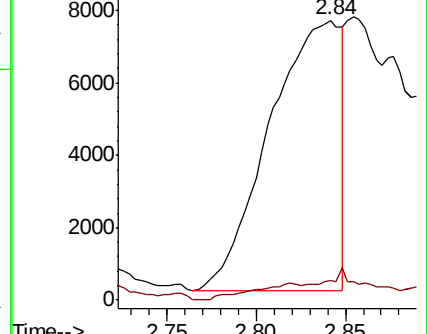
43 100

58 3.4 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 5.350 ug/L

RT: 2.84 min Scan# 467

Delta R.T. -0.14 min

Lab File: VU039938.D

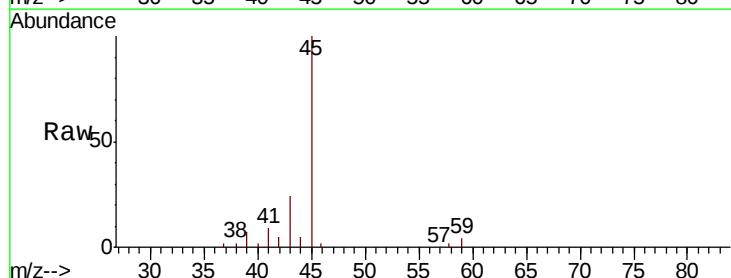
Acq: 21 Aug 2020 19:14

Tgt Ion: 43 Resp: 20833

Ion Ratio Lower Upper

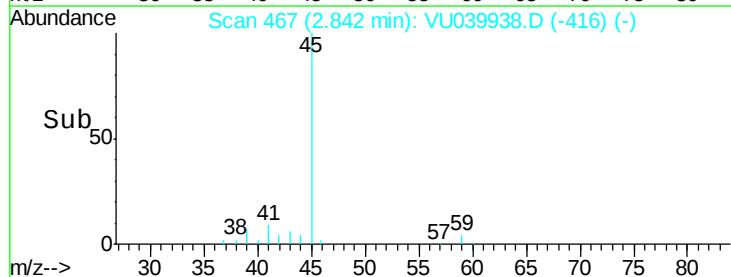
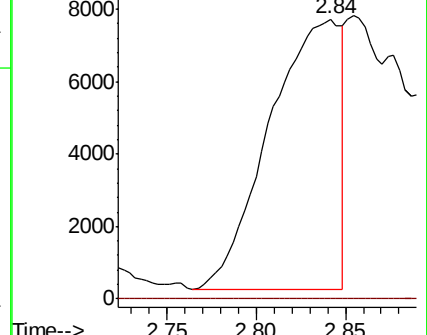
43 100

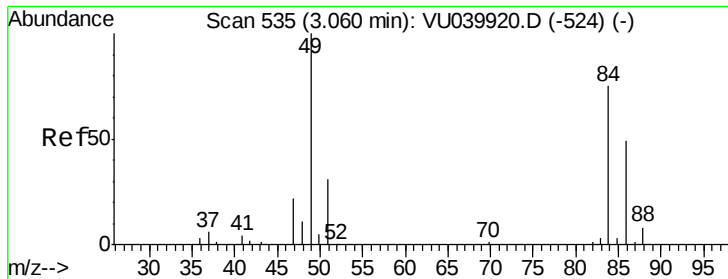
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

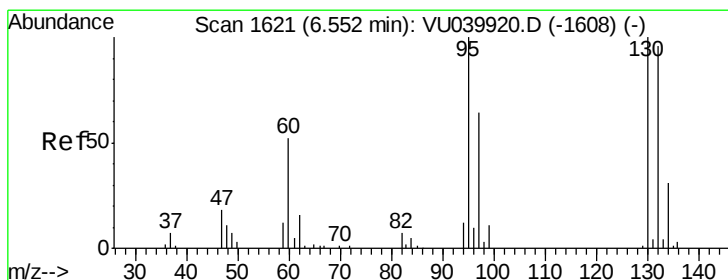
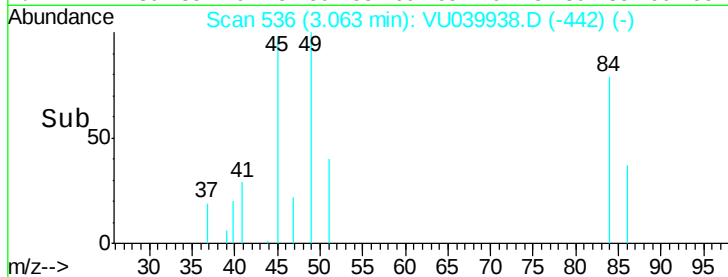
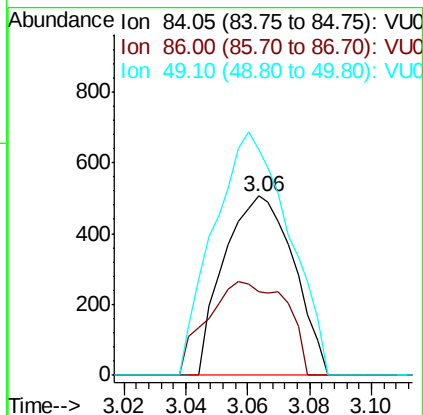
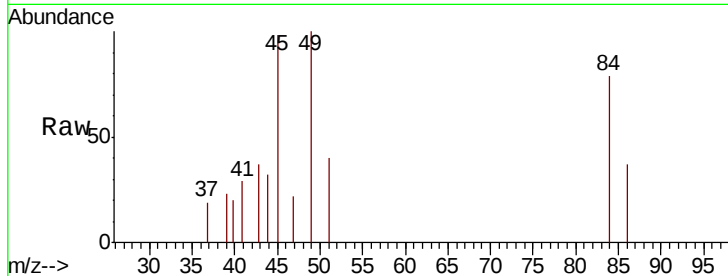




#16
Methvlene chloride
Concen: 0.083 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039938.D
Acq: 21 Aug 2020 19:14

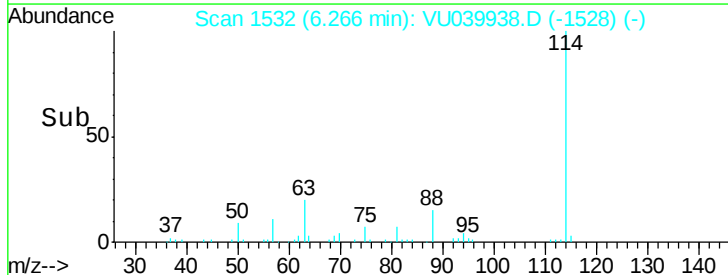
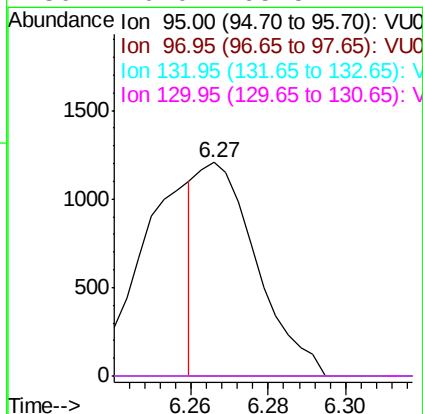
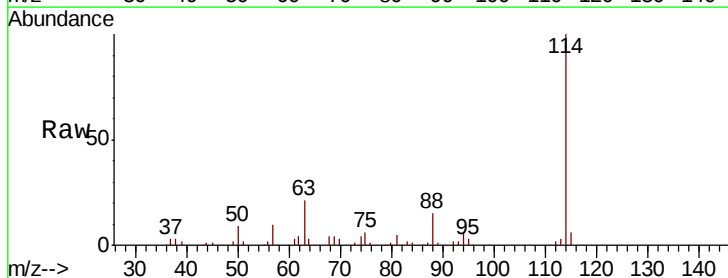
Instrument :
MSVOA_U
ClientSampled :
F4Y15

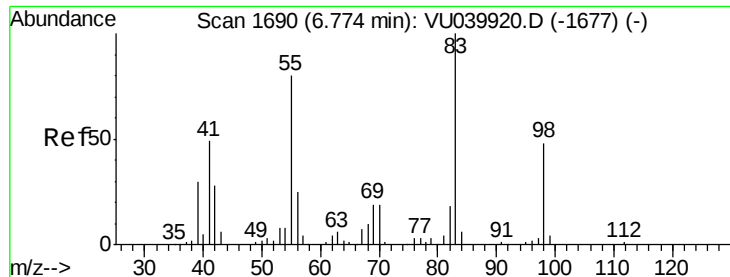
Tot Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
86 46.7 47.2 87.6#
49 126.1 99.8 185.4



#34
Trichloroethene
Concen: 0.173 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU039938.D
Acq: 21 Aug 2020 19:14

Tgt Ion: 95 Resp: 1277
Ion Ratio Lower Upper
95 100
97 0.0 42.0 78.0#
132 0.0 65.0 120.8#
130 0.0 65.5 121.7#

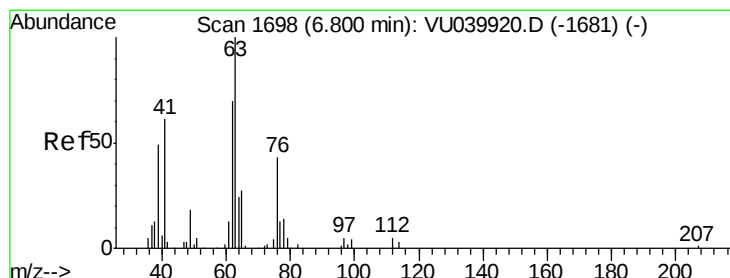
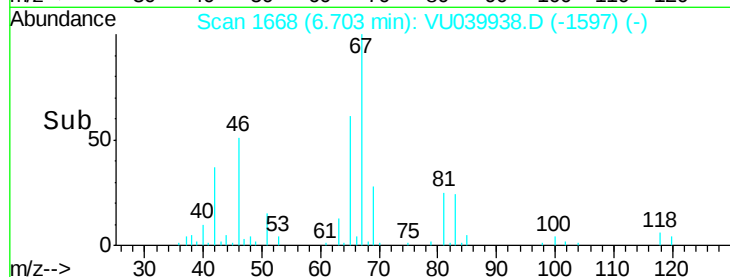
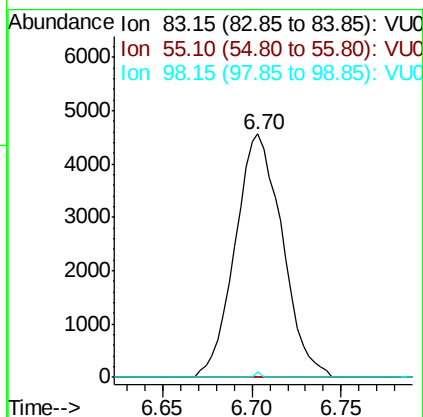
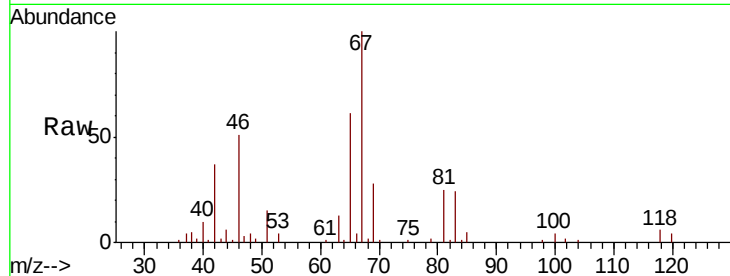




#35
Methvlcvclohexane
Concen: 0.740 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039938.D
Acq: 21 Aug 2020 19:14

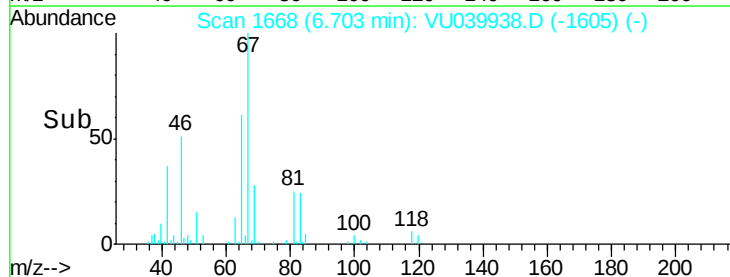
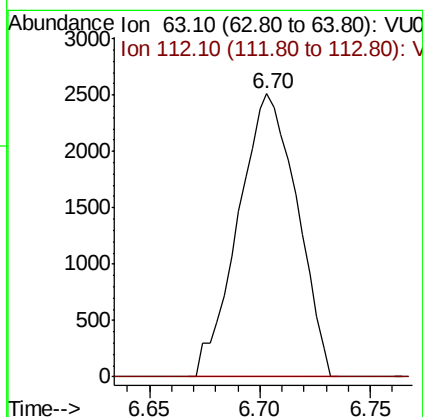
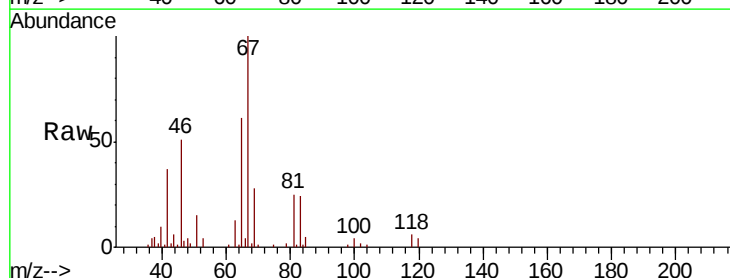
Instrument :
MSVOA_U
ClientSampleId :
F4Y15

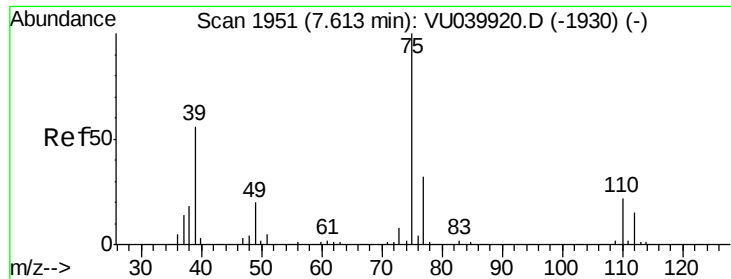
Tot Ion: 83 Resp: 8392
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.3 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039938.D
Acq: 21 Aug 2020 19:14

Tgt Ion: 63 Resp: 4648
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

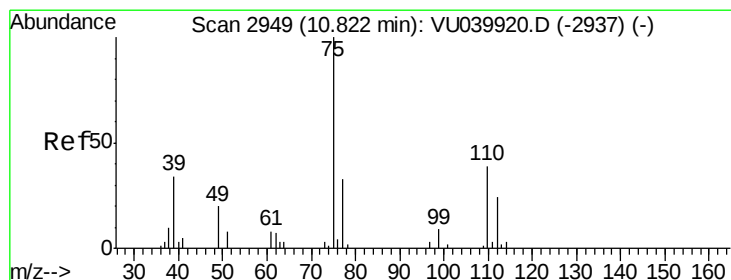
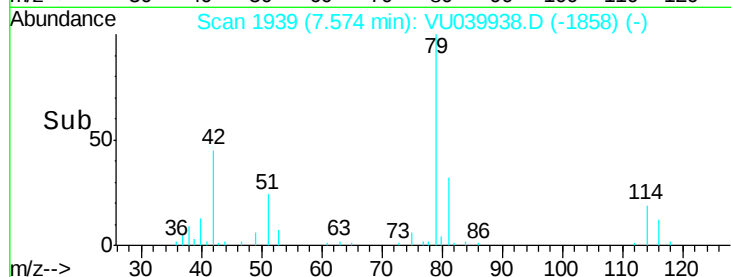
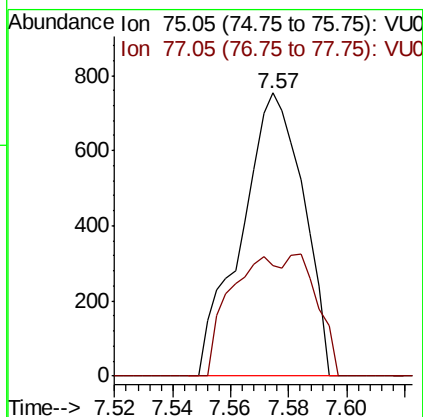
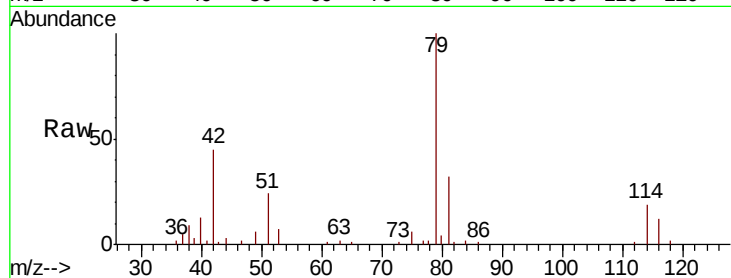




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039938.D
 Acq: 21 Aug 2020 19:14

Instrument :
 MSVOA_U
 ClientSampled :
 F4Y15

Tot Ion: 75 Resp: 1118
 Ion Ratio Lower Upper
 75 100
 77 38.9 22.6 42.0



#59
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039938.D
 Acq: 21 Aug 2020 19:14

Tgt Ion: 75 Resp: 5184
 Ion Ratio Lower Upper
 75 100
 77 38.7 27.4 41.2

