

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071620\
 Data File : VU039520.D
 Acq On : 16 Jul 2020 13:47
 Operator : SY/MD
 Sample : L3313-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C28

Quant Time: Jul 17 01:09:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20392	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	26418	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	34744	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.65	46	103033	43.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.66%
24) Chloroform-d	5.09	84	50423	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	32309	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.75	84	96052	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.71	67	33777	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.91	98	82993	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	12076	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.64	63	72732	38.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.96%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29259	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34243	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

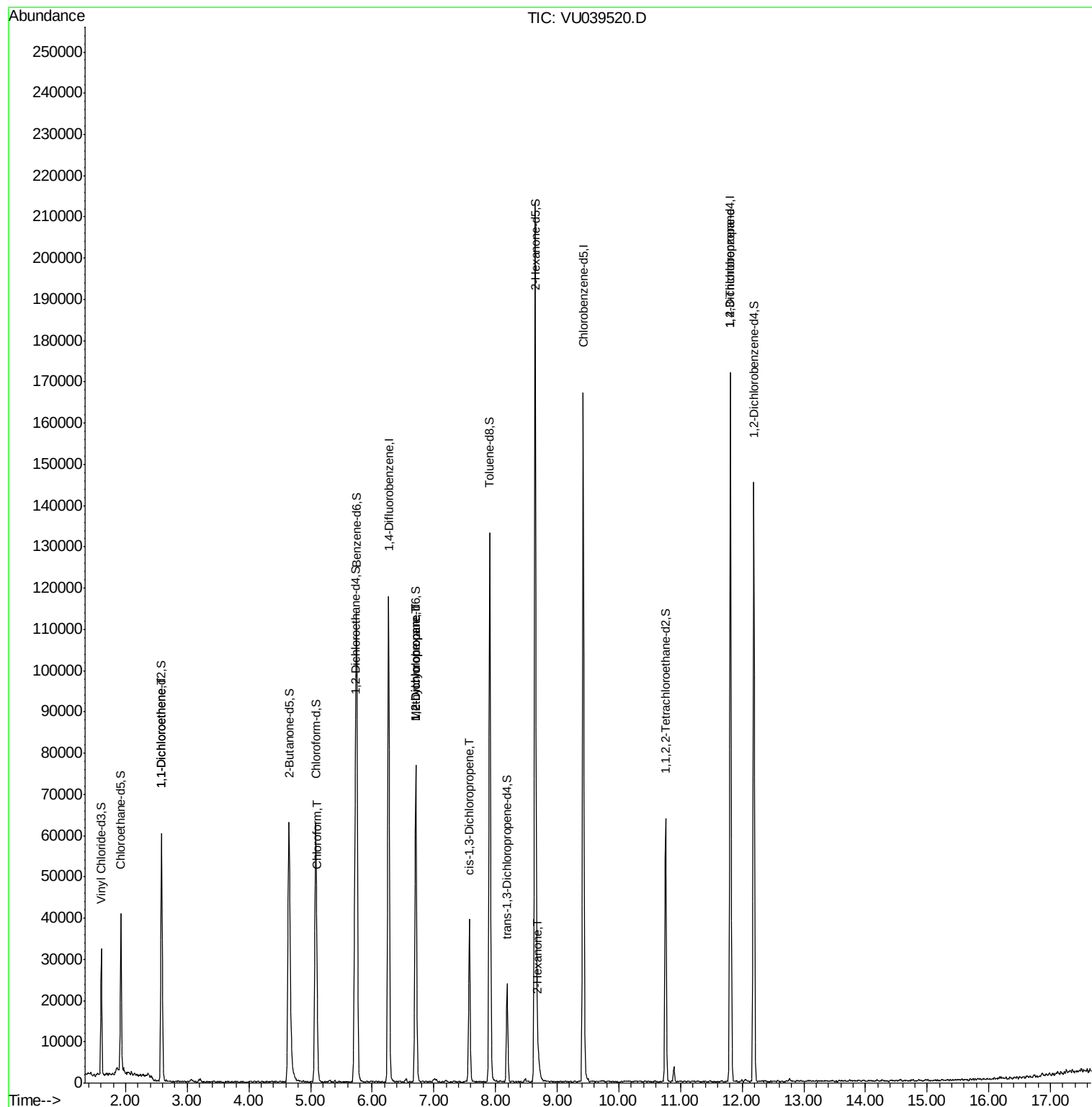
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1673	0.314 ug/L #	1
25) Chloroform	5.11	83	2884	0.247 ug/L	90
35) Methylcyclohexane	6.71	83	7218	0.683 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4080	0.587 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1048	0.100 ug/L #	49
48) 2-Hexanone	8.69	43	4080	0.954 ug/L #	83
59) 1,2,3-Trichloropropane	11.81	75	6473	1.263 ug/L #	85

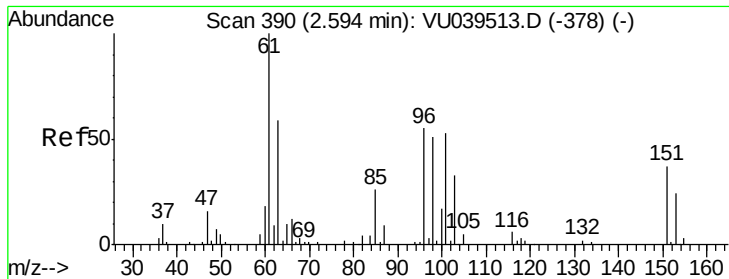
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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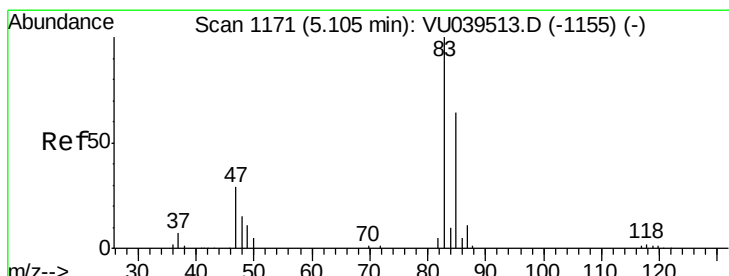
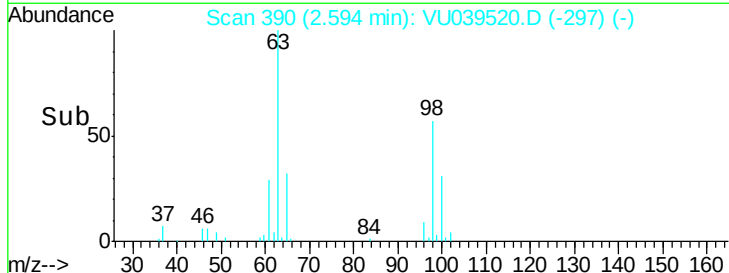
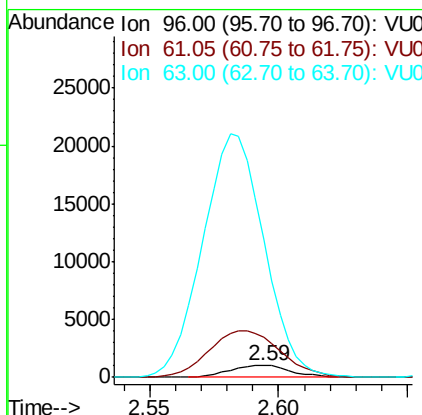
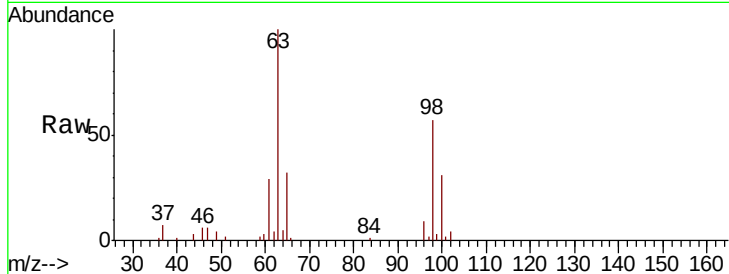




#12
 1,1-Dichloroethene
 Concen: 0.314 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039520.D
 Acq: 16 Jul 2020 13:47

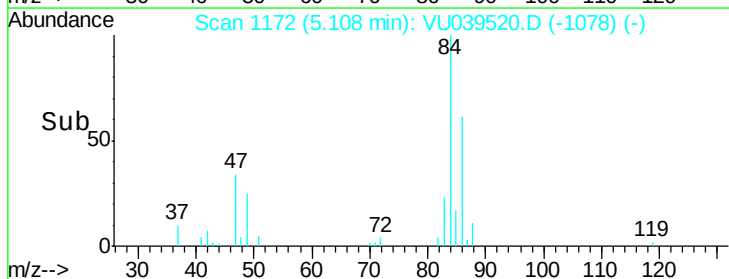
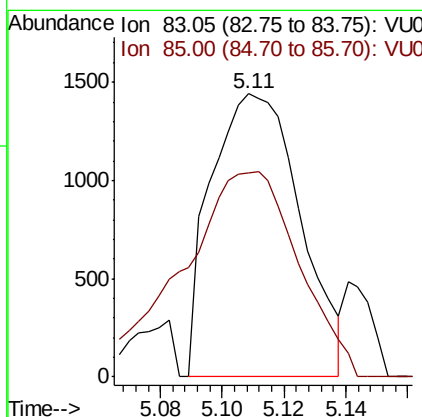
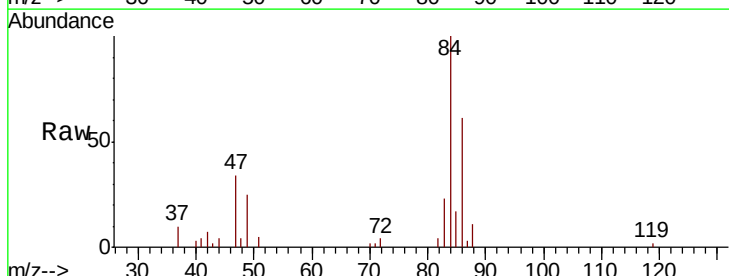
Instrument :
 MSVOA_U
 ClientSampled :
 F4C28

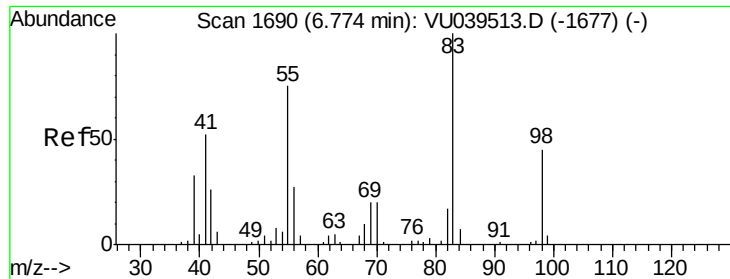
Tot Ion: 96 Resp: 1673
 Ion Ratio Lower Upper
 96 100
 61 335.0 125.4 232.8#
 63 1159.8 92.7 172.3#



#25
 Chloroform
 Concen: 0.247 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU039520.D
 Acq: 16 Jul 2020 13:47

Tgt Ion: 83 Resp: 2884
 Ion Ratio Lower Upper
 83 100
 85 72.2 44.9 83.5

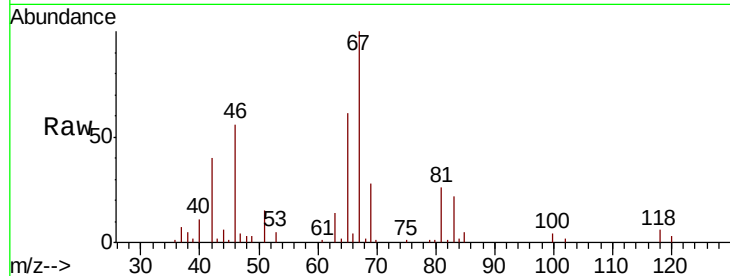




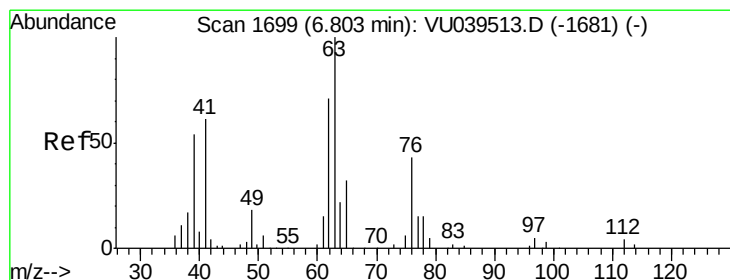
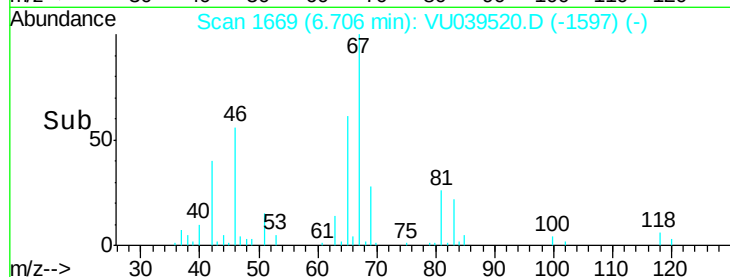
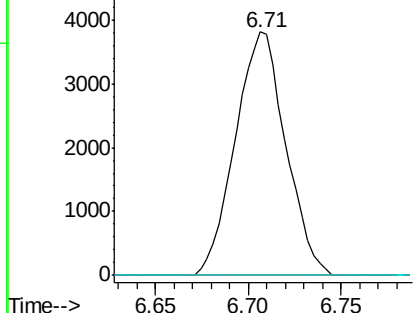
#35
Methylvlcyclohexane
Concen: 0.683 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039520.D
Acq: 16 Jul 2020 13:47

Instrument :
MSVOA_U
ClientSampleId :
F4C28

Tot Ion: 83 Resp: 7218
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

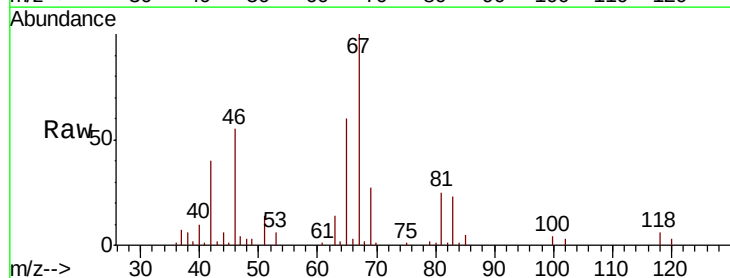


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

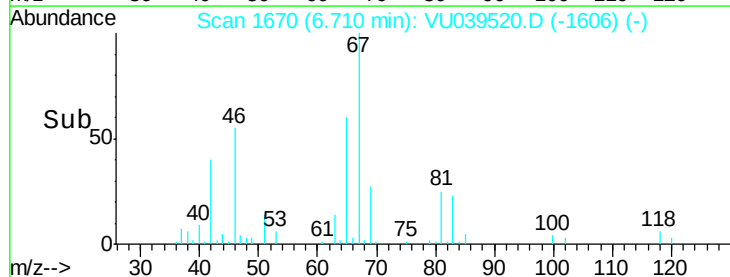
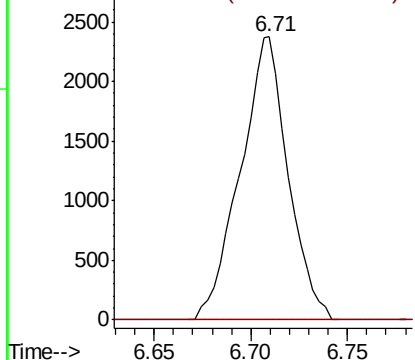


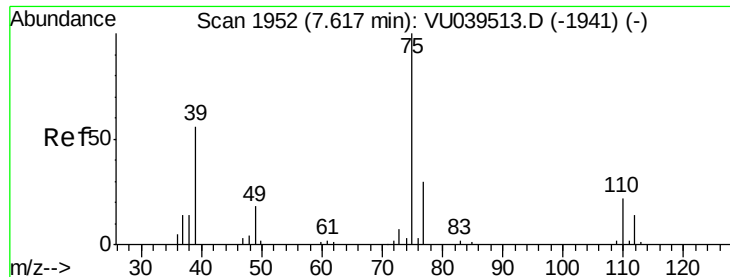
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039520.D
Acq: 16 Jul 2020 13:47

Tgt Ion: 63 Resp: 4080
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

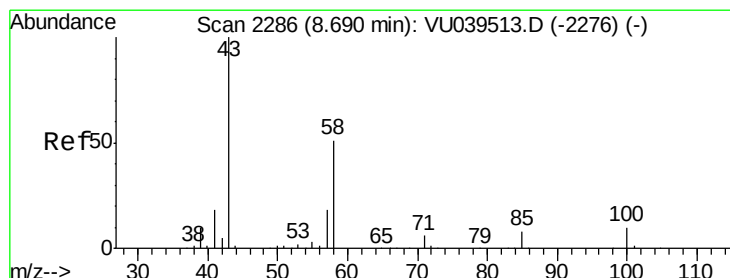
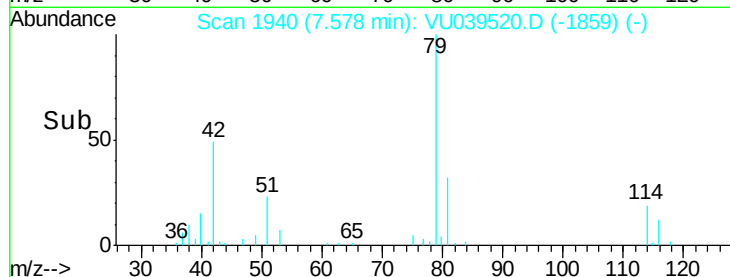
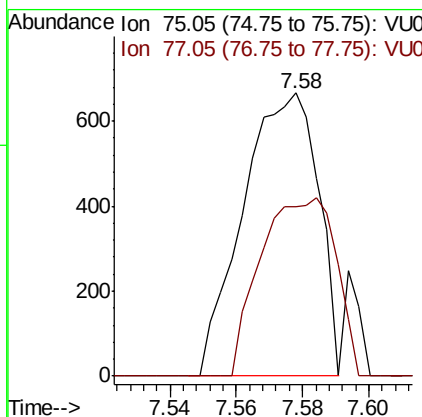
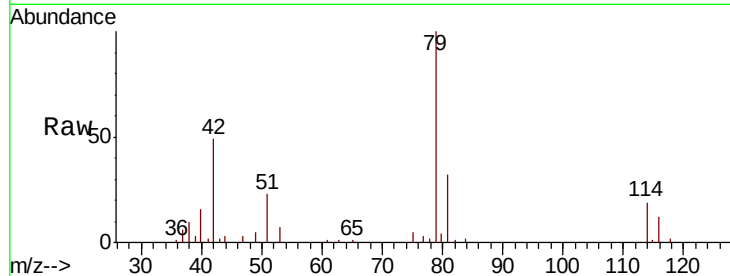




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039520.D
 Acq: 16 Jul 2020 13:47

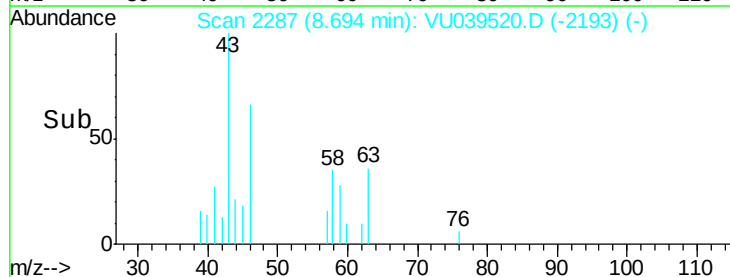
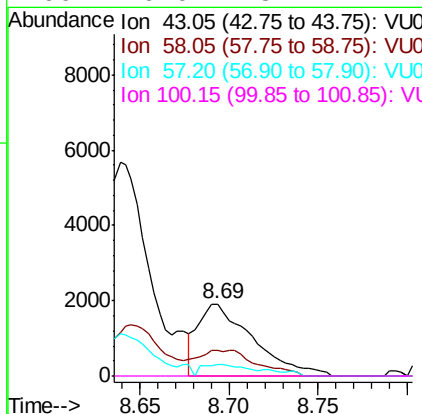
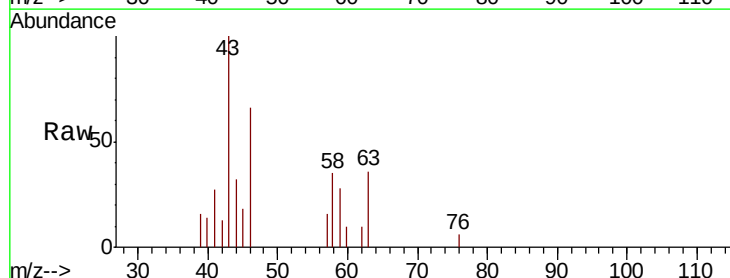
Instrument :
 MSVOA_U
 ClientSampleId :
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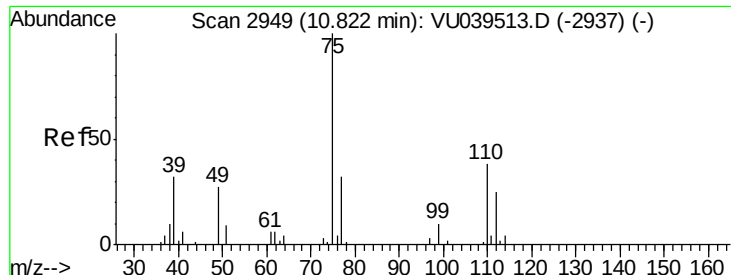
Tot Ion: 75 Resp: 1048
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 0.954 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039520.D
 Acq: 16 Jul 2020 13:47

Tgt Ion: 43 Resp: 4080
 Ion Ratio Lower Upper
 43 100
 58 37.7 42.0 63.0#
 57 17.0 14.0 21.0
 100 0.0 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039520.D

Acq: 16 Jul 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

F4C28

Tot Ion: 75 Resp: 6473

Ion Ratio Lower Upper

75 100

77 41.9 26.8 40.2#

