

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039964.D
 Acq On : 25 Aug 2020 13:43
 Operator : SY/MD
 Sample : L3776-01DL 5000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y00DL

Quant Time: Aug 26 03:44:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	65993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26946	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	22998	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	40904	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.65	46	84508	45.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.74%
24) Chloroform-d	5.09	84	55034	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.72	65	32720	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.75	84	102916	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.71	67	33812	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	86906	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.19	79	13279	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	61828	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25750	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	34338	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

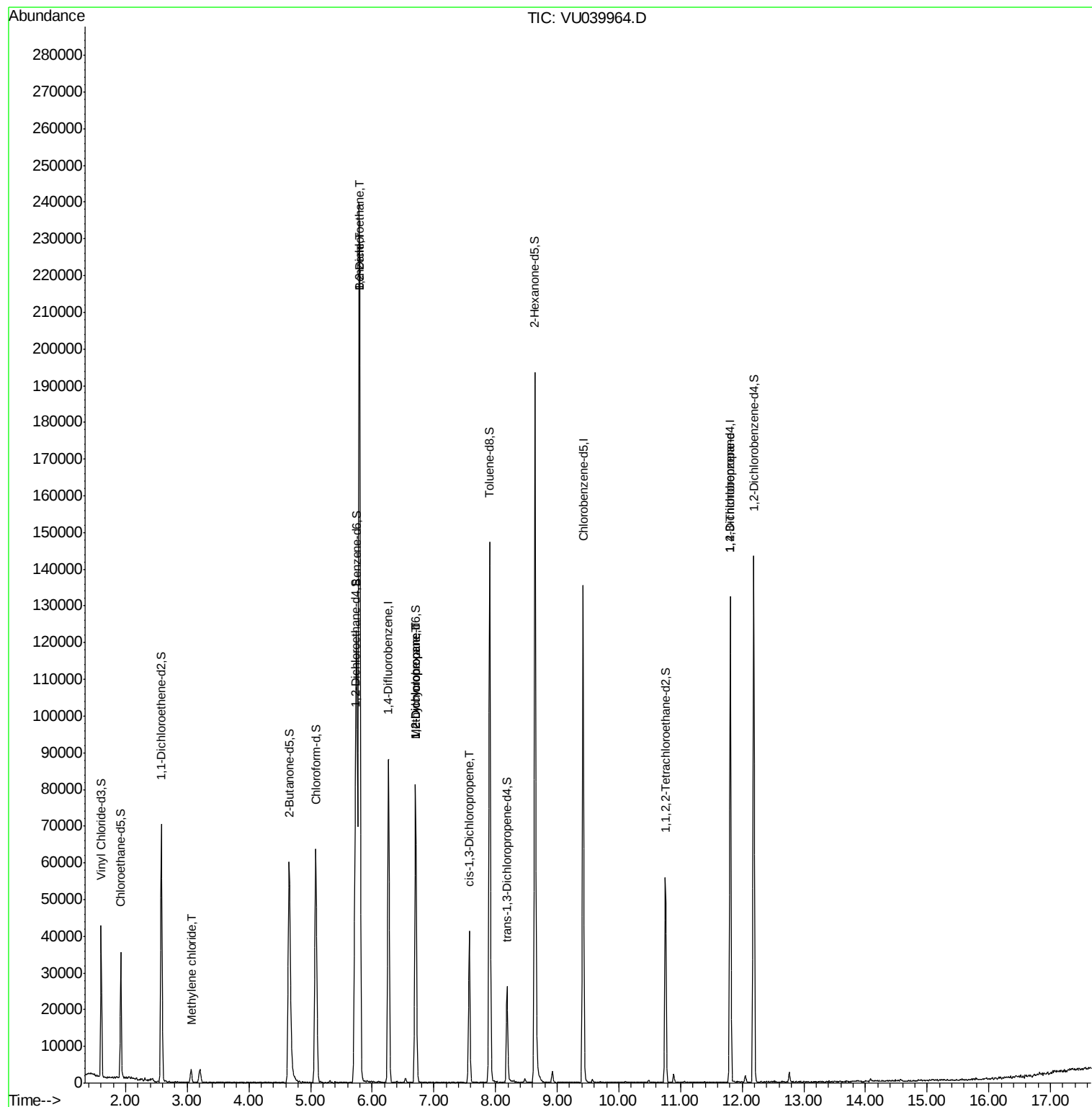
					Ovalue
16) Methylene chloride	3.06	84	1228	0.155 ug/L	90
27) 1,2-Dichloroethane	5.79	62	2406	0.304 ug/L #	74
33) Benzene	5.79	78	208106	8.359 ug/L	100
35) Methylcyclohexane	6.70	83	7986	0.807 ug/L #	16
37) 1,2-Dichloropropane	6.71	63	4196	0.634 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1195	0.129 ug/L	88
59) 1,2,3-Trichloropropane	11.81	75	4392	0.926 ug/L	95

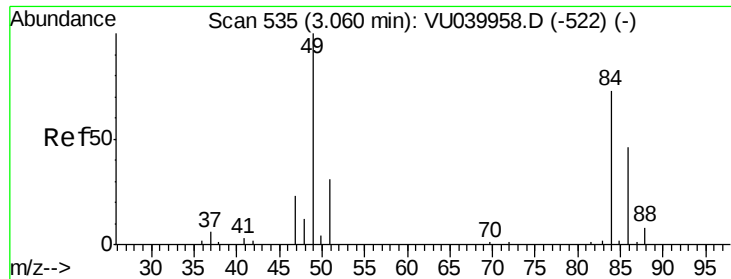
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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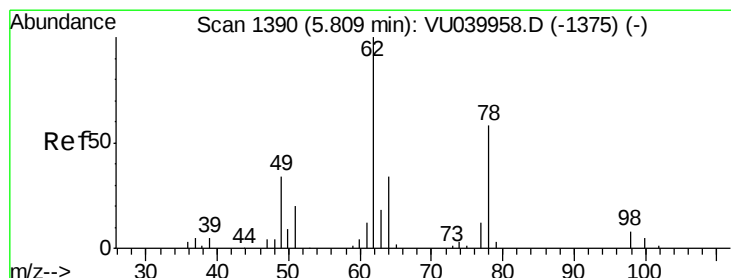
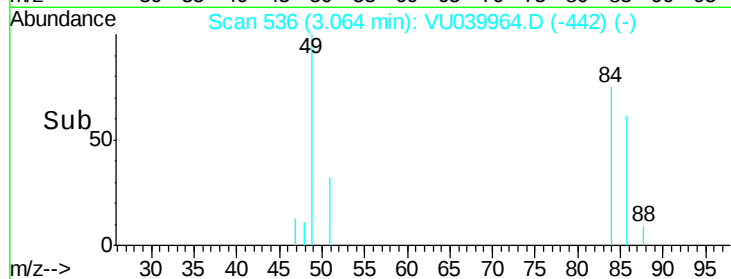
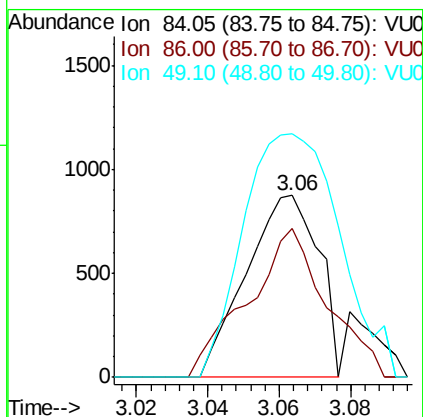
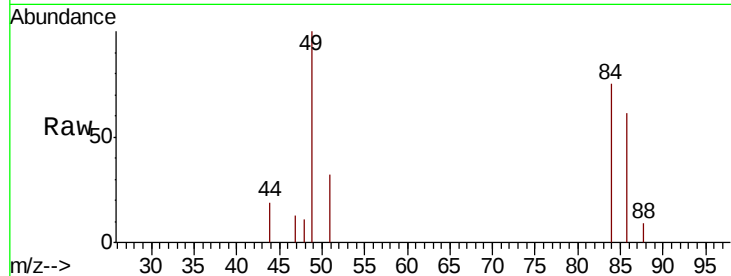




#16
Methvlene chloride
Concen: 0.155 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039964.D
Acq: 25 Aug 2020 13:43

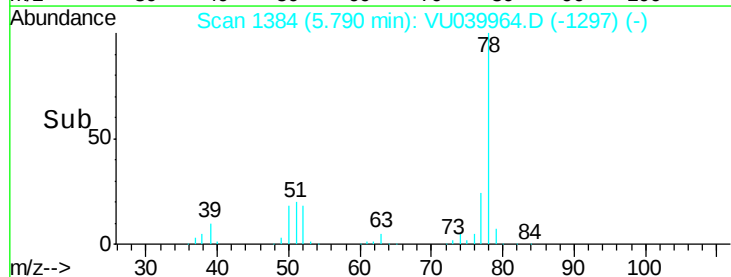
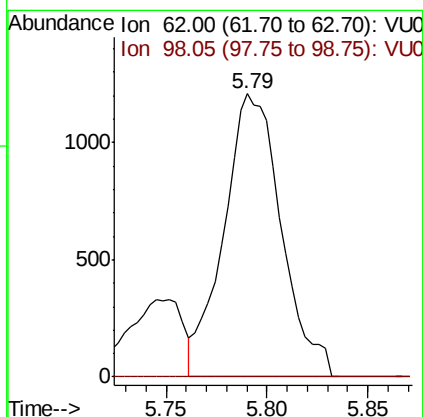
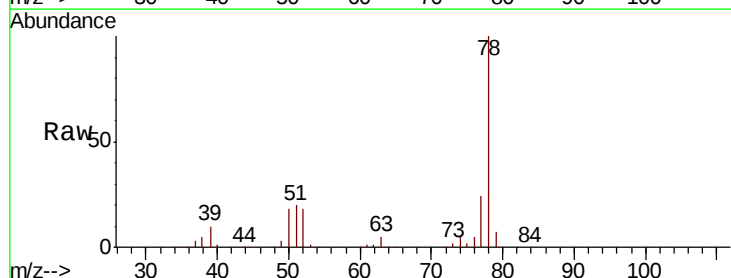
Instrument :
MSVOA_U
ClientSampled :
F4Y00DL

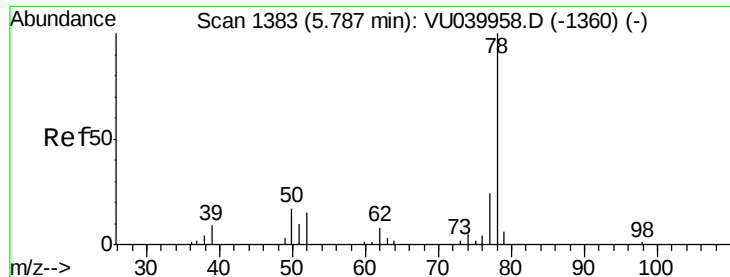
Tot Ion: 84 Resp: 1228
Ion Ratio Lower Upper
84 100
86 81.8 47.2 87.6
49 134.1 99.8 185.4



#27
1,2-Dichloroethane
Concen: 0.304 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.02 min
Lab File: VU039964.D
Acq: 25 Aug 2020 13:43

Tgt Ion: 62 Resp: 2406
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#





#33

Benzene

Concen: 8.359 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.01 min

Lab File: VU039964.D

Acq: 25 Aug 2020 13:43

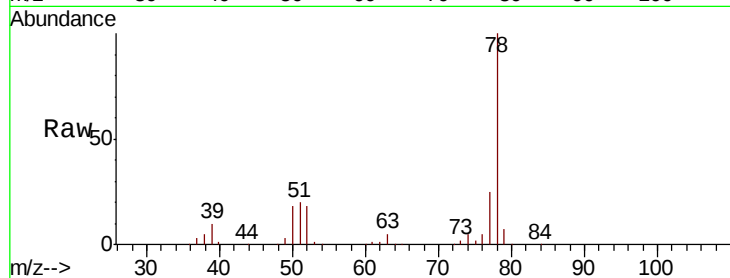
Instrument :

MSVOA_U

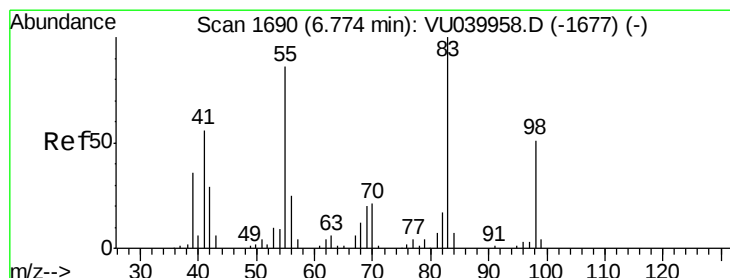
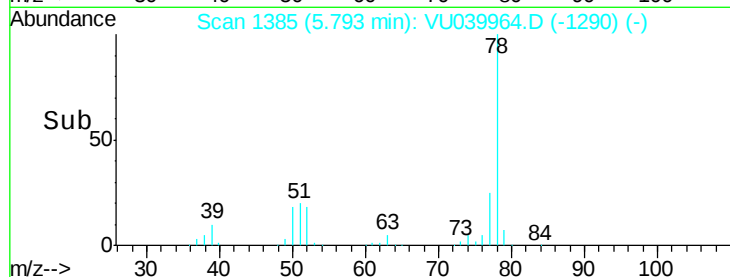
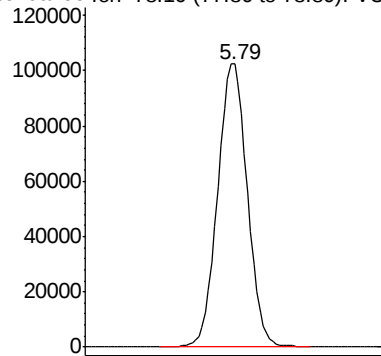
ClientSampled :

F4Y00DL

Tgt Ion: 78 Resp: 208106



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.807 ug/L

RT: 6.70 min Scan# 1668

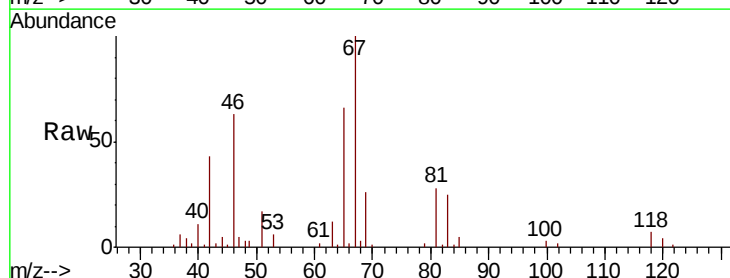
Delta R.T. -0.07 min

Lab File: VU039964.D

Acq: 25 Aug 2020 13:43

Tgt Ion: 83 Resp: 7986

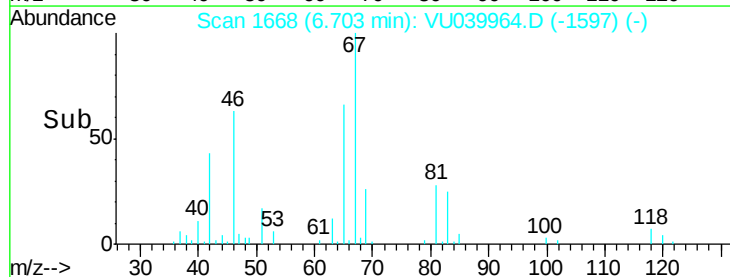
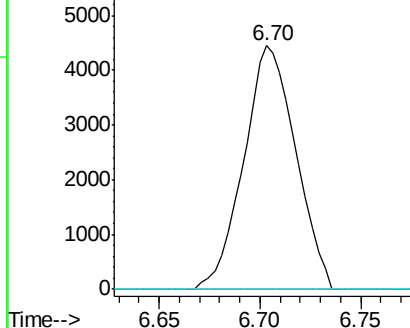
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.1	96.1#
98	0.0	39.4	59.0#

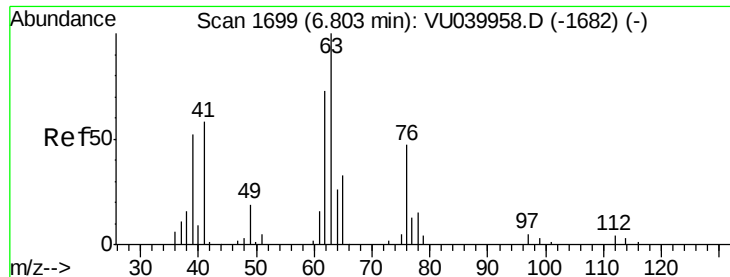


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

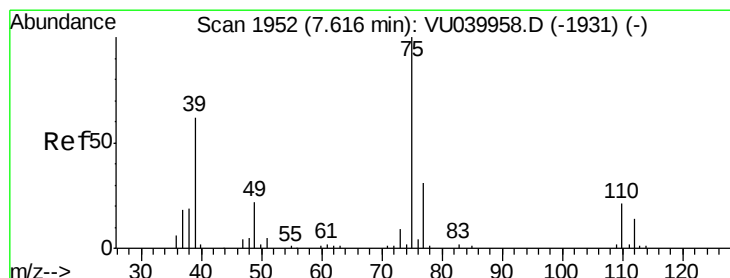
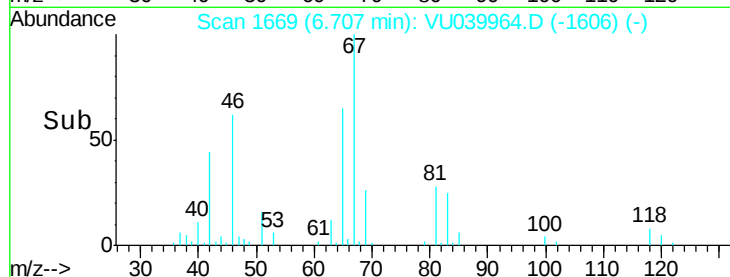
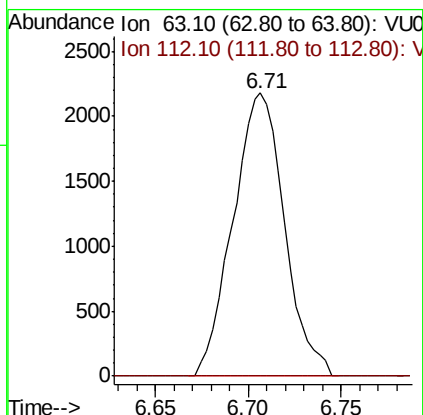
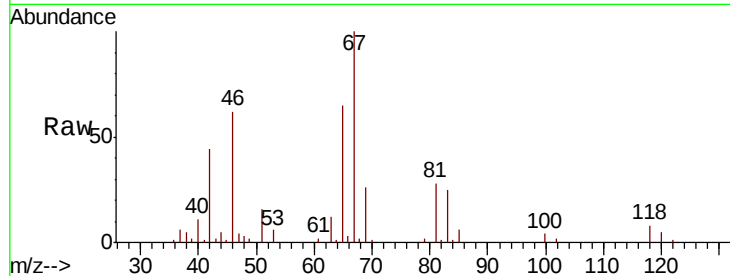




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039964.D
 Acq: 25 Aug 2020 13:43

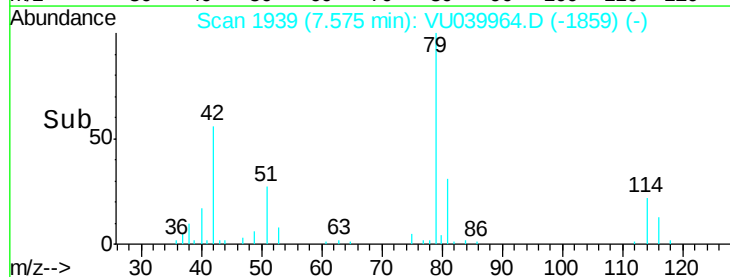
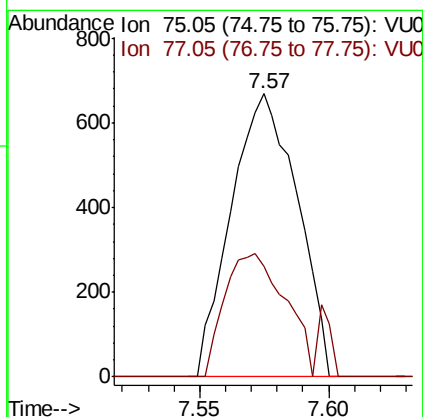
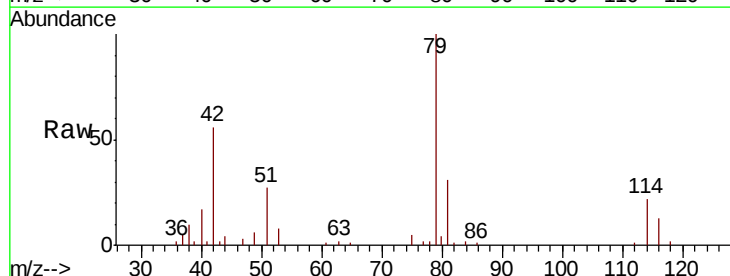
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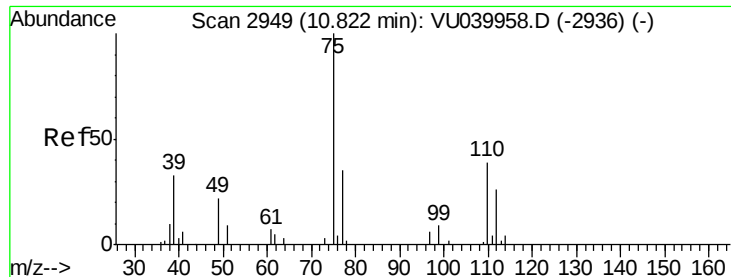
Tot Ion: 63 Resp: 4196
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039964.D
 Acq: 25 Aug 2020 13:43

Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.6 42.0





#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039964.D

Acq: 25 Aug 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

F4Y00DL

Tot Ion: 75 Resp: 4392

Ion Ratio Lower Upper

75 100

77 37.1 27.4 41.2

