

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039967.D
 Acq On : 25 Aug 2020 14:56
 Operator : SY/MD
 Sample : L3776-04DL 5000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y03DL

Quant Time: Aug 26 03:45:09 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	70018	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67688	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25839	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.92	69	23227	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	41378	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	85533	43.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	5.09	84	53585	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	32387	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	102148	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.71	67	33292	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	86330	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.19	79	12007	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	59729	42.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.38%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25371	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34054	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

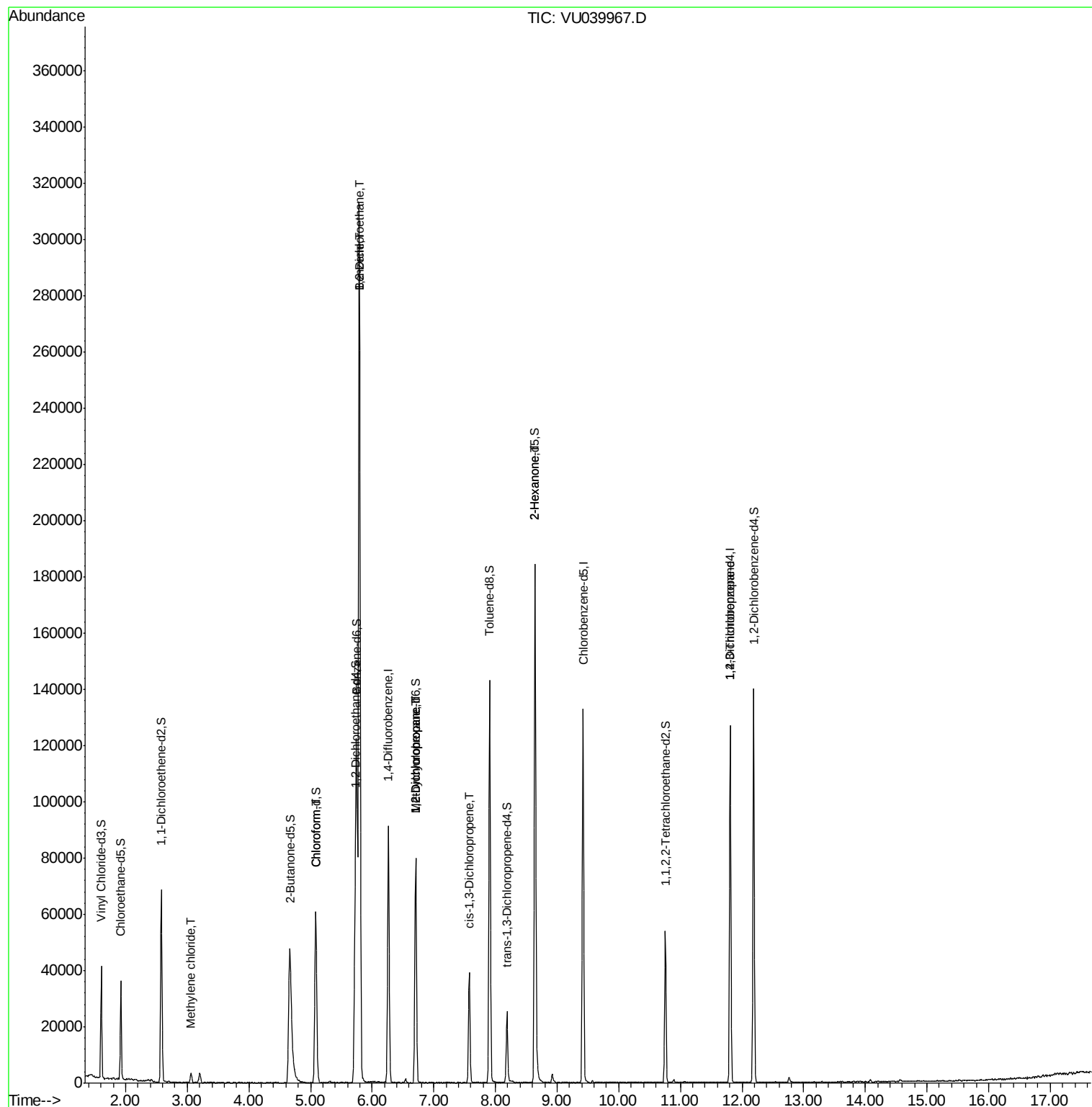
					Ovalue
16) Methylene chloride	3.07	84	1301	0.154 ug/L	78
25) Chloroform	5.09	83	2034	0.170 ug/L	90
27) 1,2-Dichloroethane	5.79	62	2752	0.328 ug/L #	74
33) Benzene	5.79	78	277557	11.283 ug/L	100
35) Methylcyclohexane	6.70	83	7457	0.763 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4148	0.635 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1149	0.126 ug/L #	58
48) 2-Hexanone	8.64	43	9062	2.443 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	4266	0.911 ug/L	88

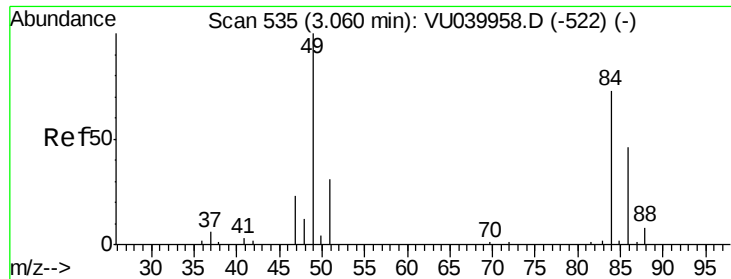
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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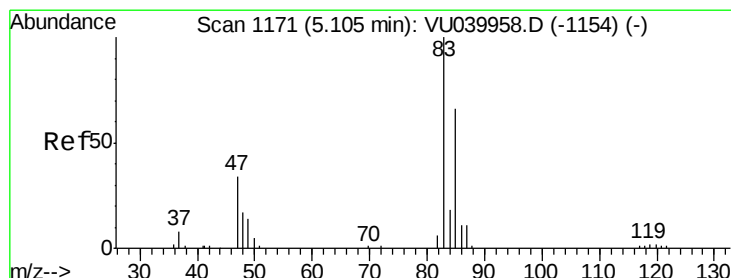
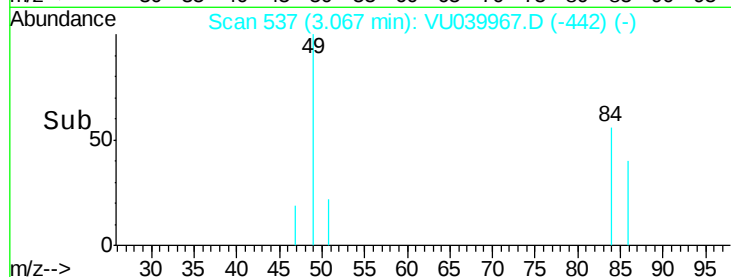
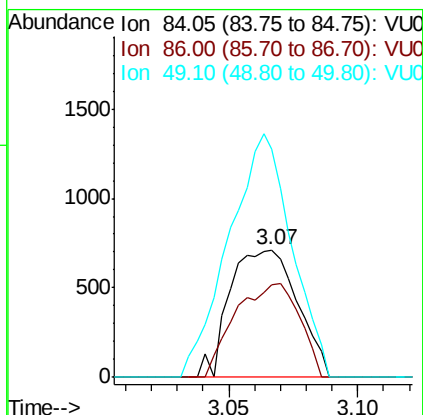
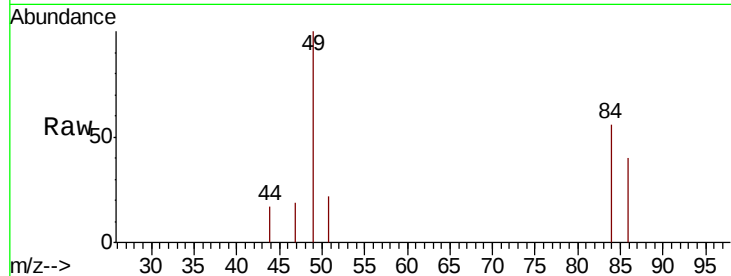




#16
Methvlene chloride
Concen: 0.154 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039967.D
Acq: 25 Aug 2020 14:56

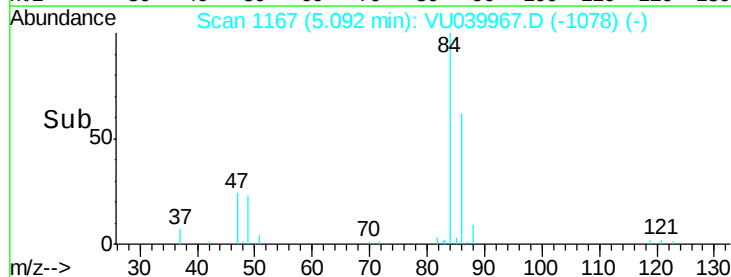
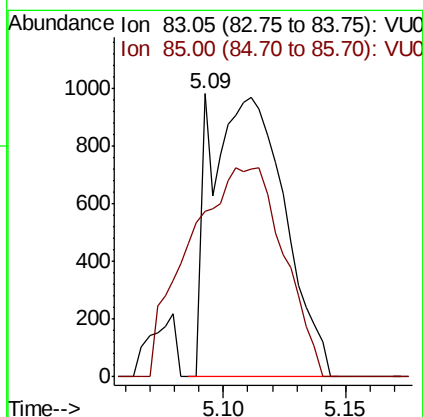
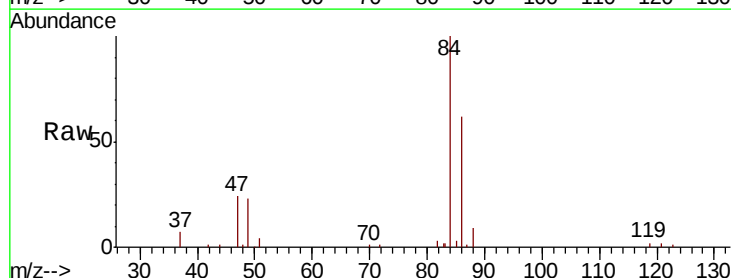
Instrument :
MSVOA_U
ClientSampleId :
F4Y03DL

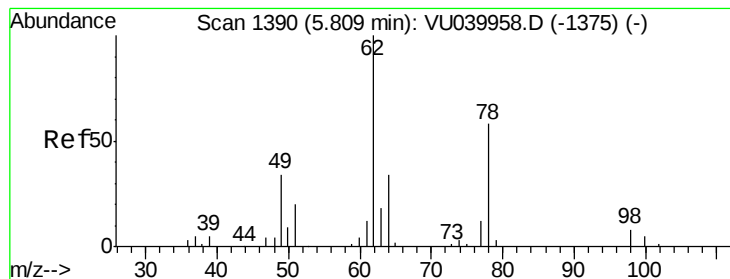
Tot Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
86 72.3 47.2 87.6
49 178.6 99.8 185.4



#25
Chloroform
Concen: 0.170 ug/L
RT: 5.09 min Scan# 1167
Delta R.T. -0.01 min
Lab File: VU039967.D
Acq: 25 Aug 2020 14:56

Tgt Ion: 83 Resp: 2034
Ion Ratio Lower Upper
83 100
85 58.7 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.328 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.02 min

Lab File: VU039967.D

Acq: 25 Aug 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

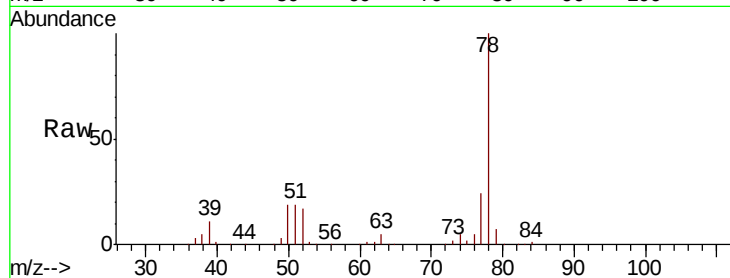
F4Y03DL

Tot Ion: 62 Resp: 2752

Ion Ratio Lower Upper

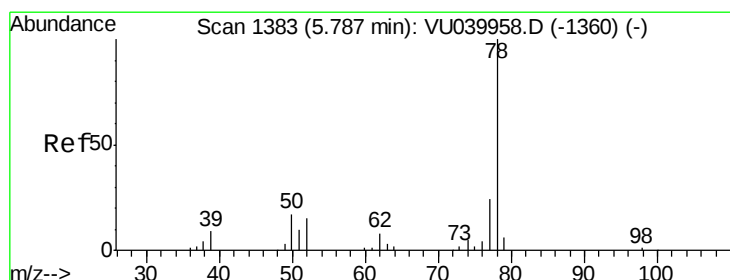
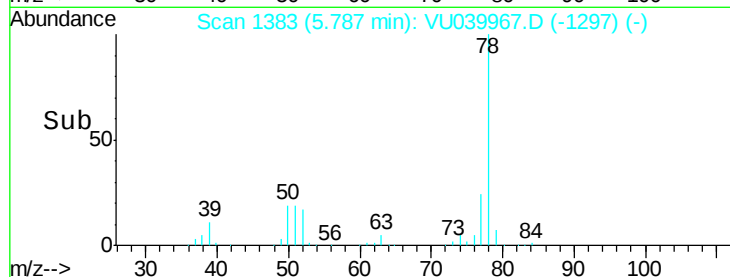
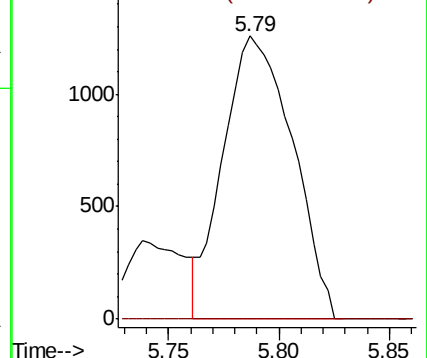
62 100

98 0.0 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#33

Benzene

Concen: 11.283 ug/L

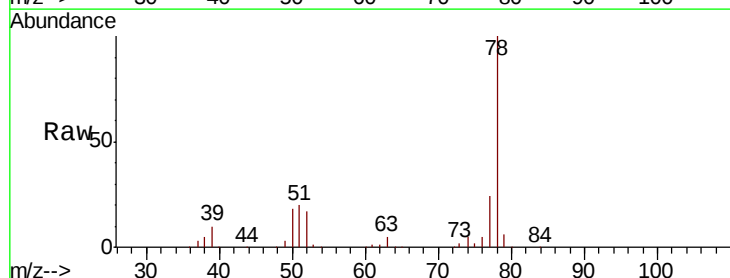
RT: 5.79 min Scan# 1385

Delta R.T. 0.01 min

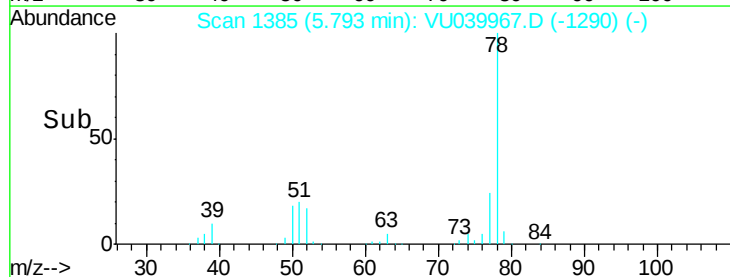
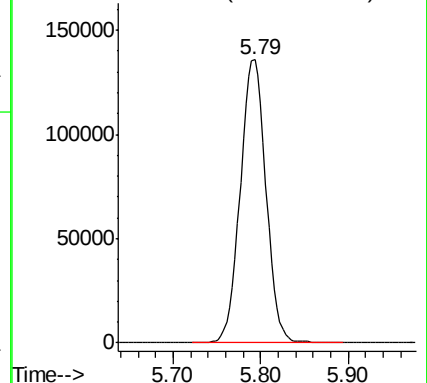
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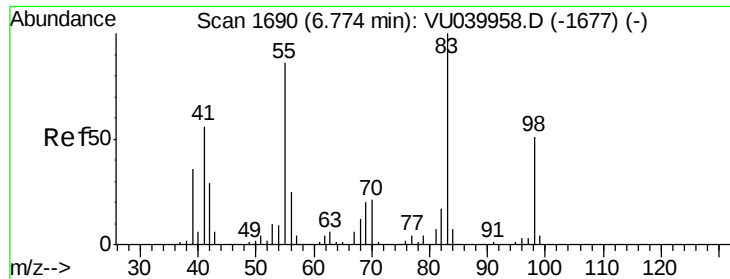
Acq: 25 Aug 2020 14:56

Tgt Ion: 78 Resp: 277557



Abundance Ion 78.10 (77.80 to 78.80): VU0

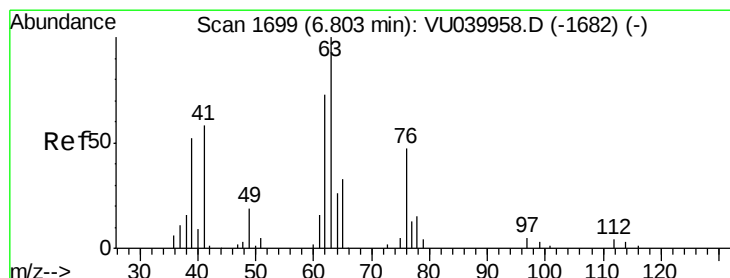
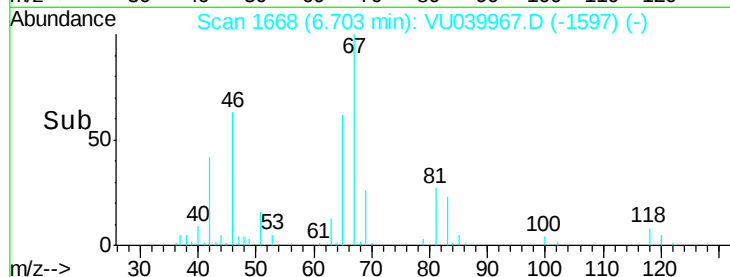
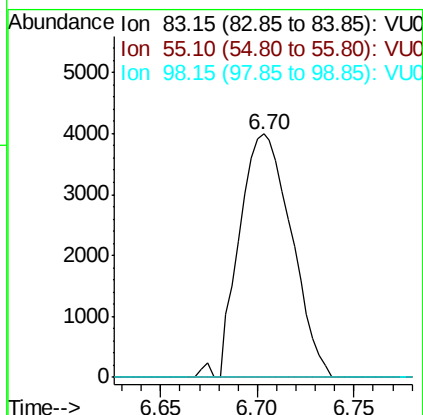
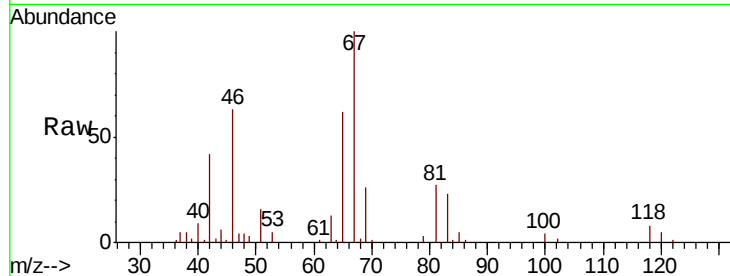




#35
Methvlcvclohexane
Concen: 0.763 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039967.D
Acq: 25 Aug 2020 14:56

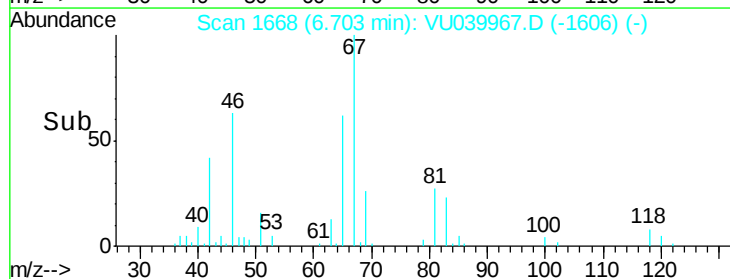
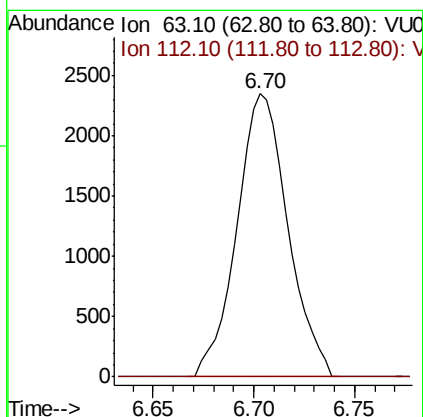
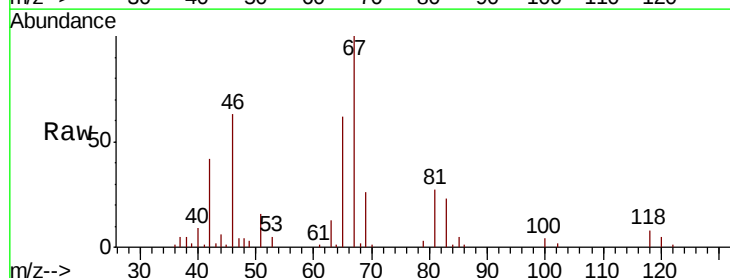
Instrument :
MSVOA_U
ClientSampleId :
F4Y03DL

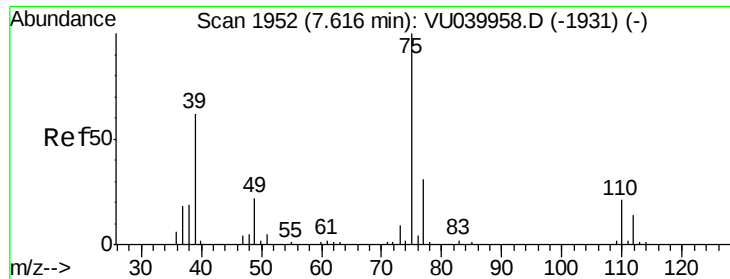
Tot Ion: 83 Resp: 7457
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.8 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039967.D
Acq: 25 Aug 2020 14:56

Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



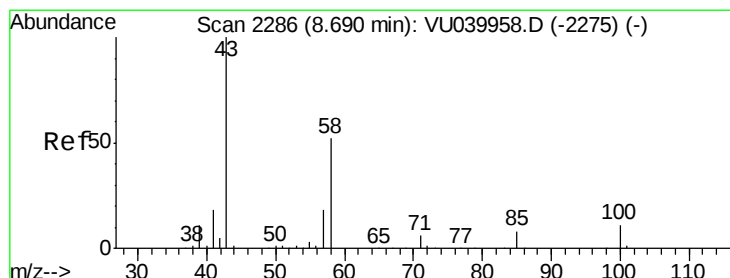
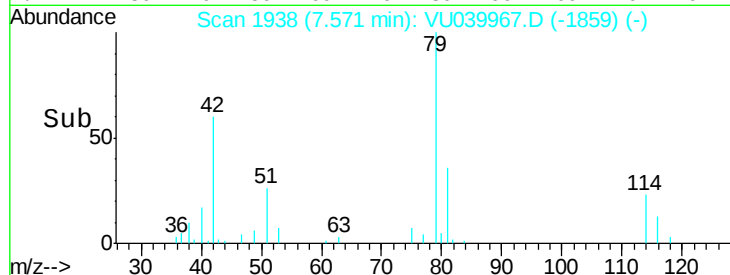
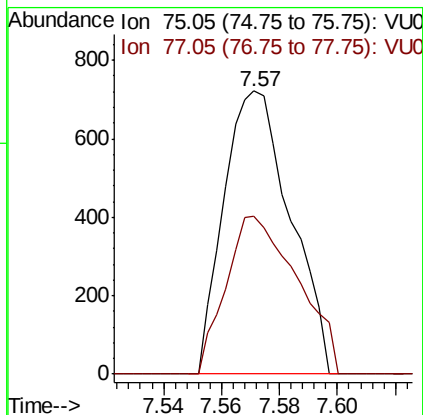
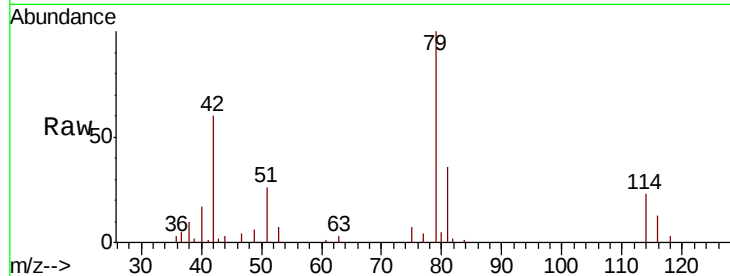


#39

cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039967.D
 Acq: 25 Aug 2020 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y03DL

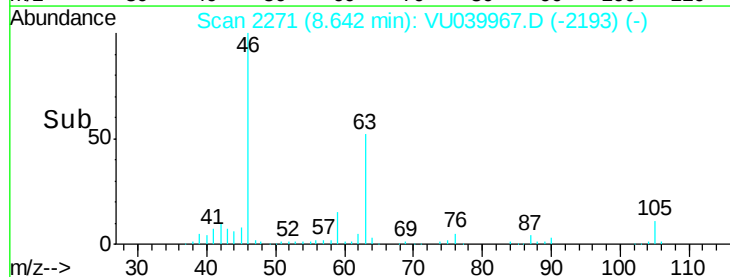
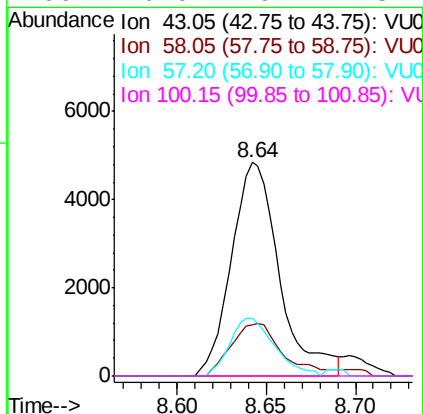
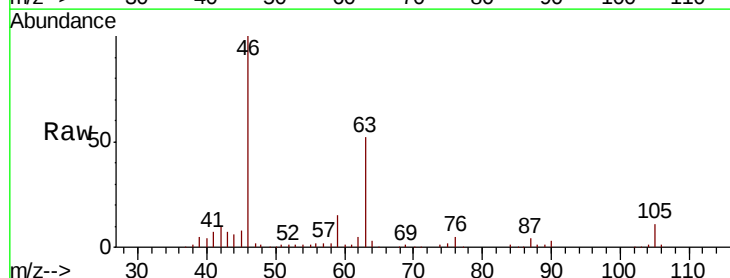
Tot Ion: 75 Resp: 1149
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.6 42.0#

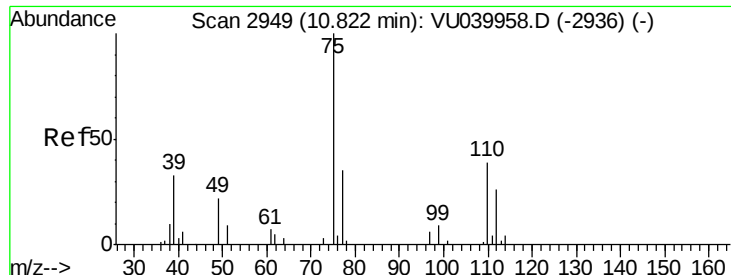


#48

2-Hexanone
 Concen: 2.443 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039967.D
 Acq: 25 Aug 2020 14:56

Tgt Ion: 43 Resp: 9062
 Ion Ratio Lower Upper
 43 100
 58 26.3 41.3 61.9#
 57 25.2 14.1 21.1#
 100 0.0 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 0.911 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039967.D

Acq: 25 Aug 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

F4Y03DL

Tot Ion: 75 Resp: 4266

Ion Ratio Lower Upper

75 100

77 41.0 27.4 41.2

