

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039125.D
 Acq On : 25 Jun 2020 18:41
 Operator : SY/MD
 Sample : L3121-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F43

Quant Time: Jun 26 01:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	237051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	240100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	100656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81147	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	76715	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	125955	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.67	46	387446	61.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.68%
24) Chloroform-d	5.10	84	190233	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.74	65	115249	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	345155	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	117981	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	262419	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	47116	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.65	63	285606	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105398	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	105960	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

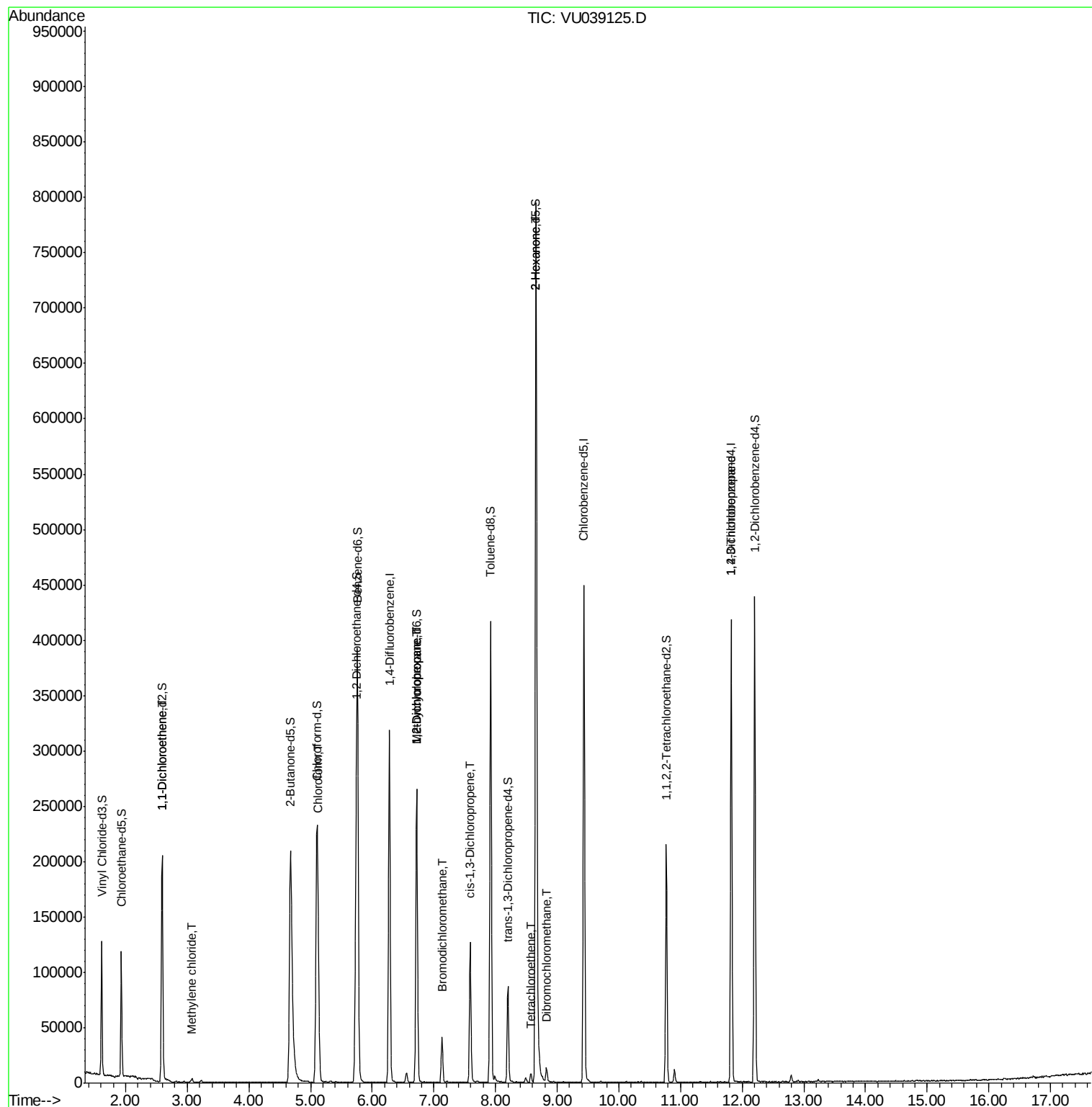
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1009	0.061	ug/L #	1
16) Methylene chloride	3.08	84	1417	0.070	ug/L	90
25) Chloroform	5.12	83	82011	2.338	ug/L	95
35) Methylcyclohexane	6.72	83	28813	1.064	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13224	0.647	ug/L #	87
38) Bromodichloromethane	7.13	83	25446	0.999	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	2984	0.105	ug/L #	47
47) Tetrachloroethene	8.57	164	1603	0.122	ug/L	88
48) 2-Hexanone	8.65	43	36973	3.306	ug/L #	73
49) Dibromochloromethane	8.83	129	6046	0.366	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	13948	0.905	ug/L #	87

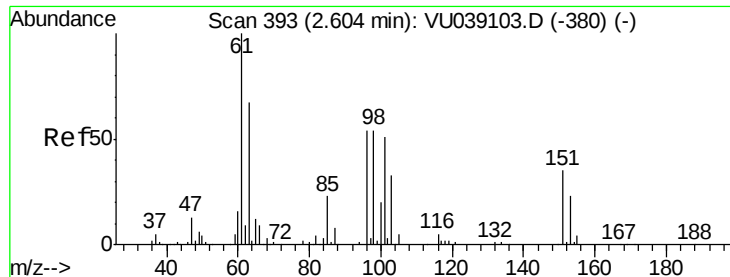
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062520\
Data File : VU039125.D
Acq On : 25 Jun 2020 18:41
Operator : SY/MD
Sample : L3121-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F43

Quant Time: Jun 26 01:03:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 00:59:08 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU039125.D

Acq: 25 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

F9F43

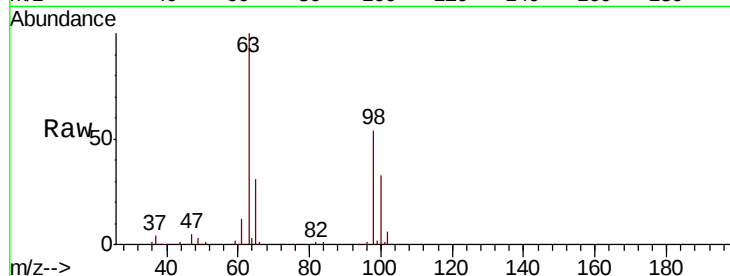
Tot Ion: 96 Resp: 1009

Ion Ratio Lower Upper

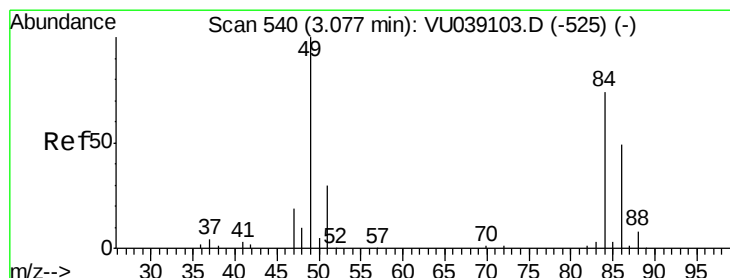
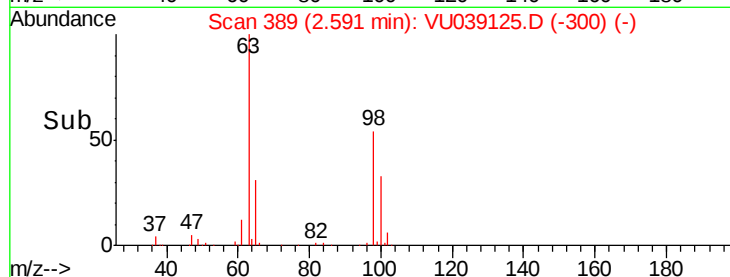
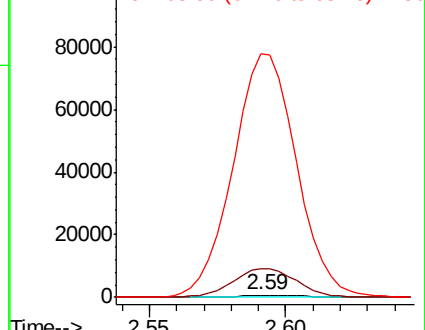
96 100

61 1412.6 125.1 232.3#

63 11821.3 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.070 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039125.D

Acq: 25 Jun 2020 18:41

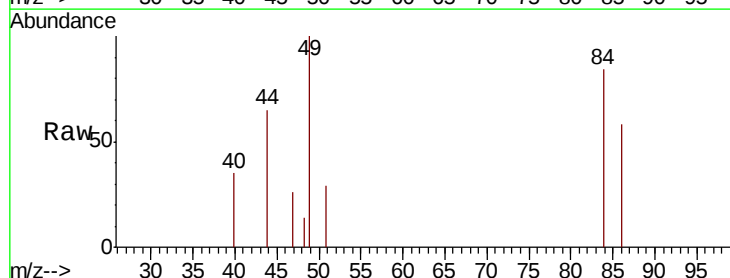
Tgt Ion: 84 Resp: 1417

Ion Ratio Lower Upper

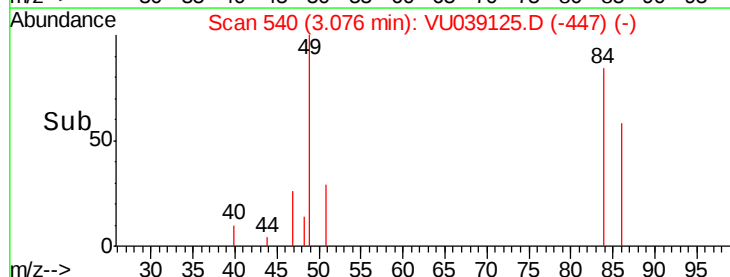
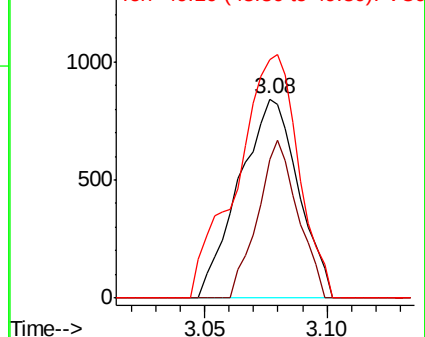
84 100

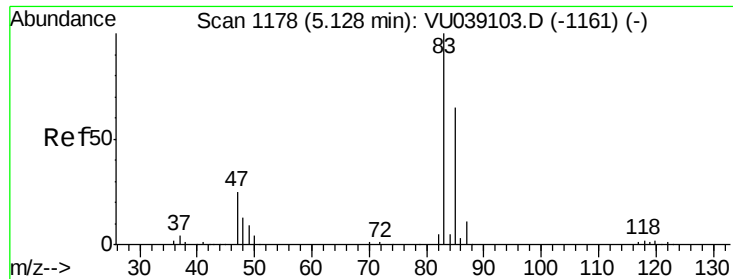
86 69.5 44.1 81.9

49 119.5 93.1 172.9



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

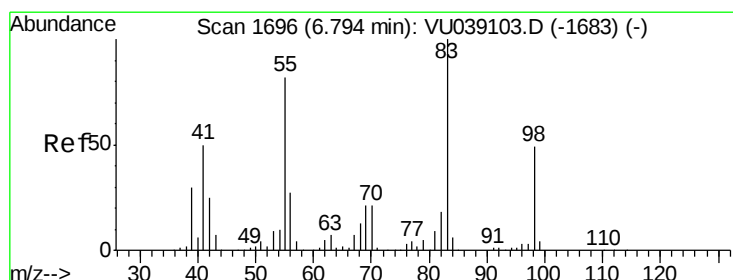
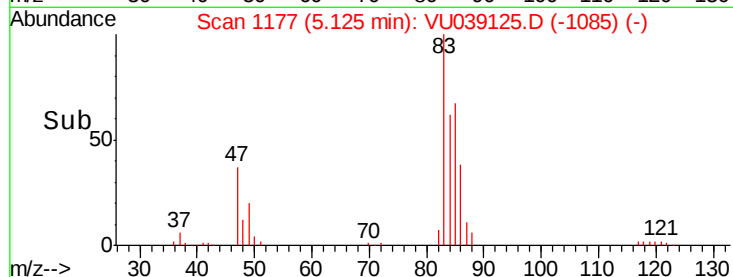
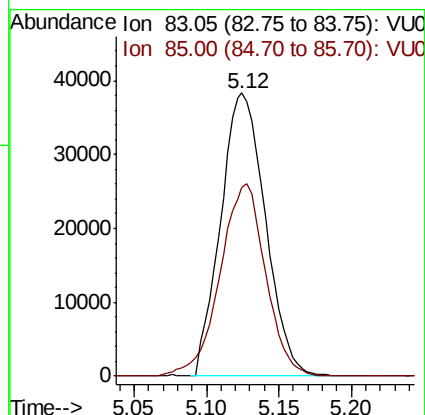
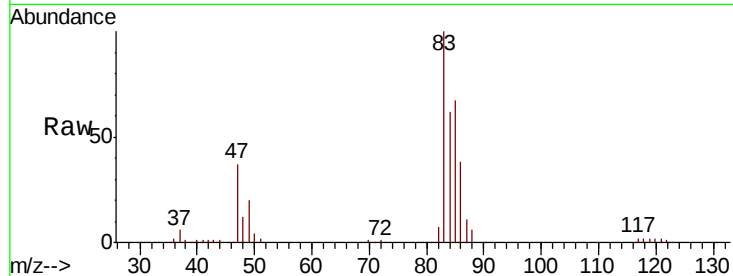




#25
Chloroform
Concen: 2.338 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

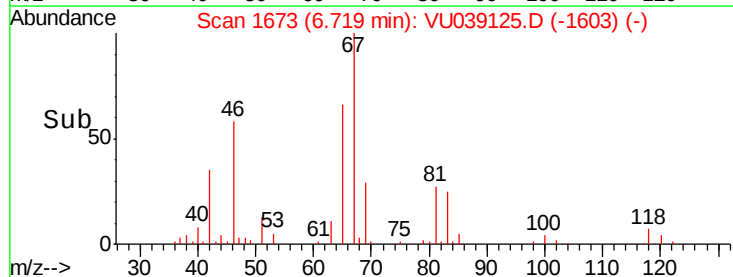
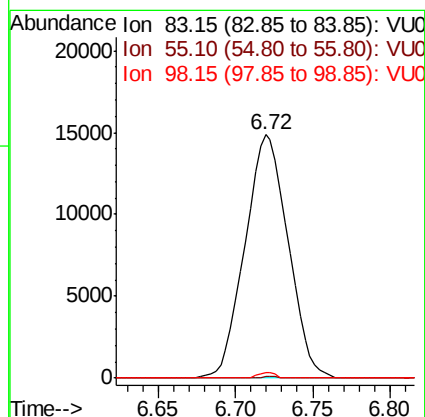
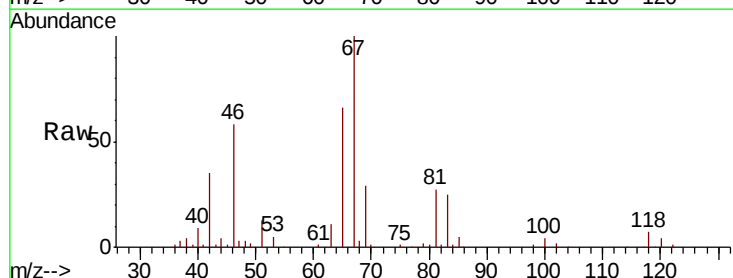
Instrument :
MSVOA_U
ClientSampleId :
F9F43

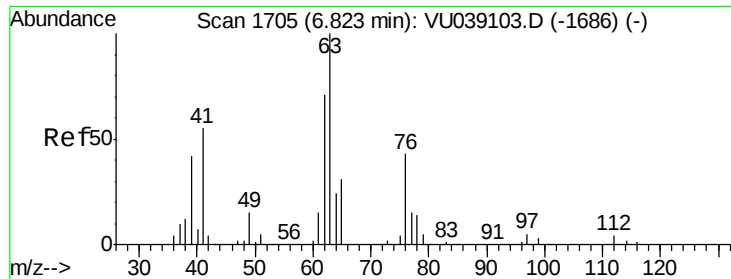
Tot Ion: 83 Resp: 82011
Ion Ratio Lower Upper
83 100
85 66.5 43.8 81.4



#35
Methylcyclohexane
Concen: 1.064 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

Tgt Ion: 83 Resp: 28813
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 0.9 36.5 54.7#

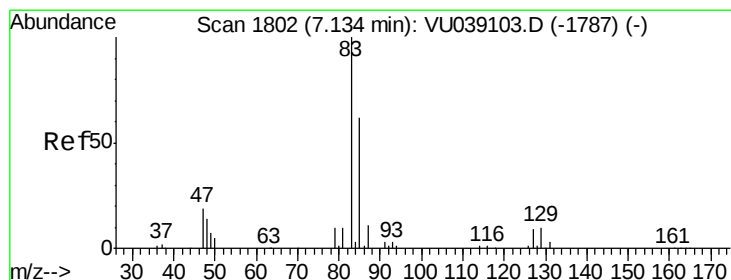
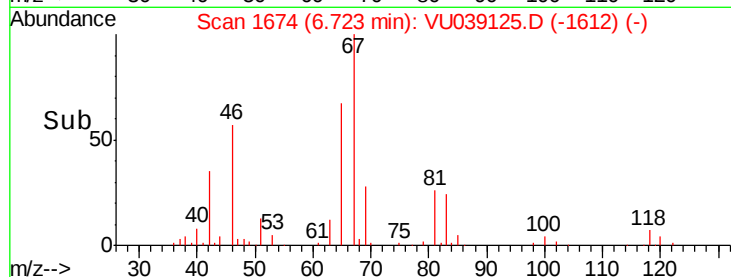
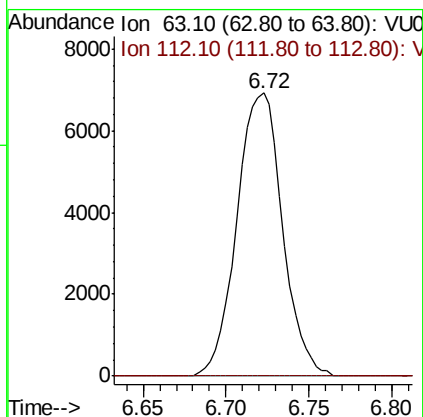
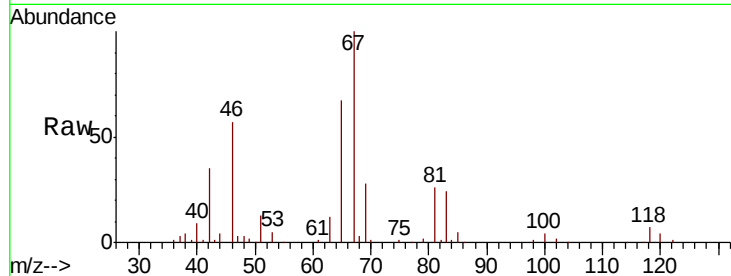




#37
 1,2-Dichloropropane
 Concen: 0.647 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039125.D
 Acq: 25 Jun 2020 18:41

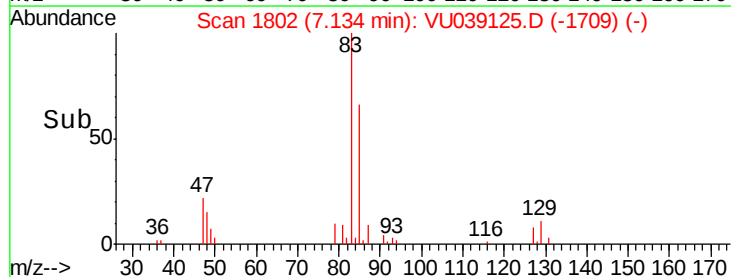
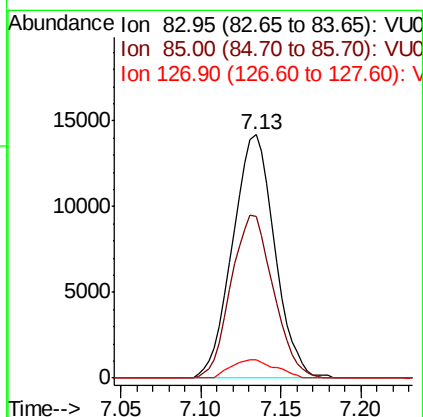
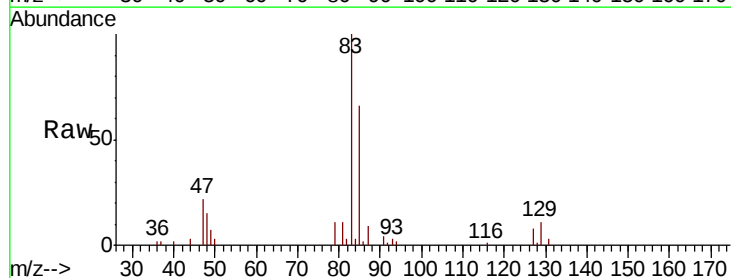
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F43

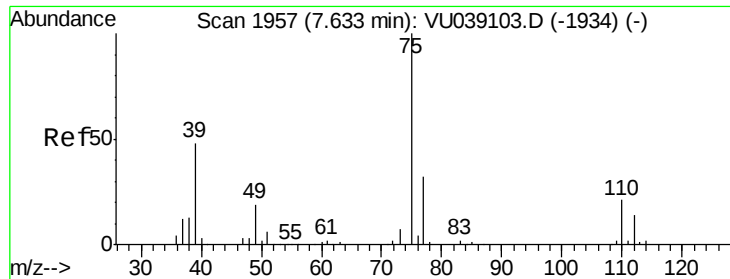
Tot Ion: 63 Resp: 13224
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.999 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU039125.D
 Acq: 25 Jun 2020 18:41

Tgt Ion: 83 Resp: 25446
 Ion Ratio Lower Upper
 83 100
 85 66.2 44.9 83.3
 127 7.5 6.3 9.5

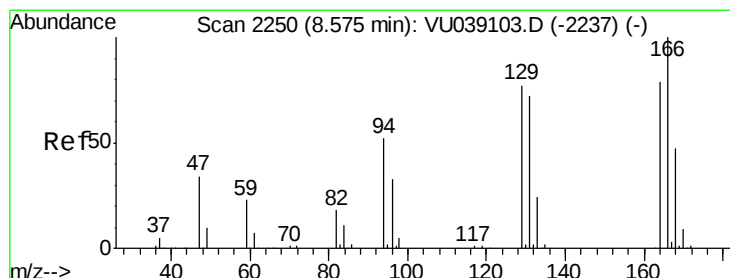
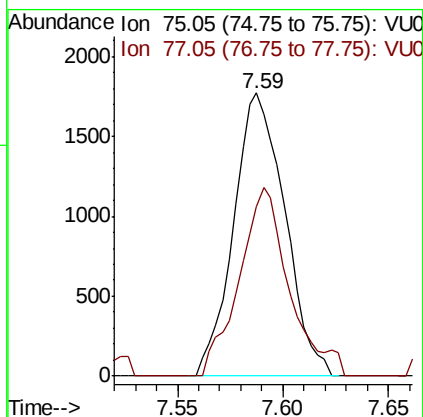
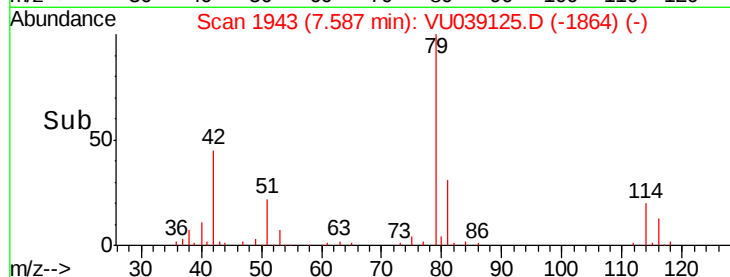
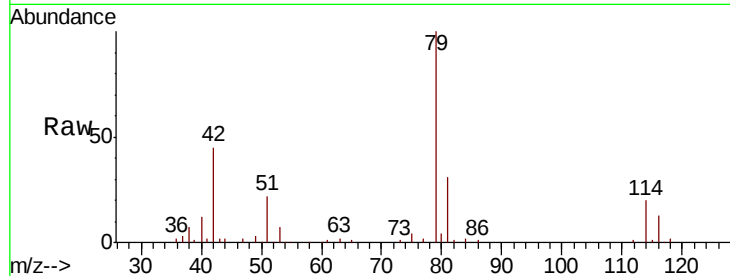




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039125.D
 Acq: 25 Jun 2020 18:41

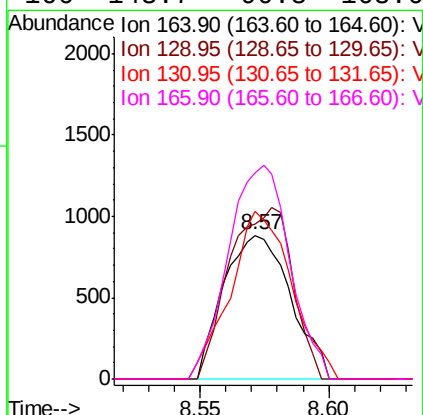
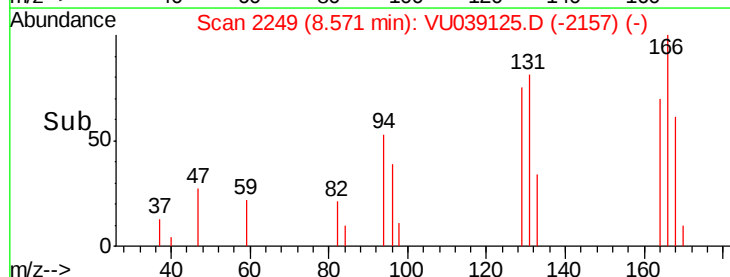
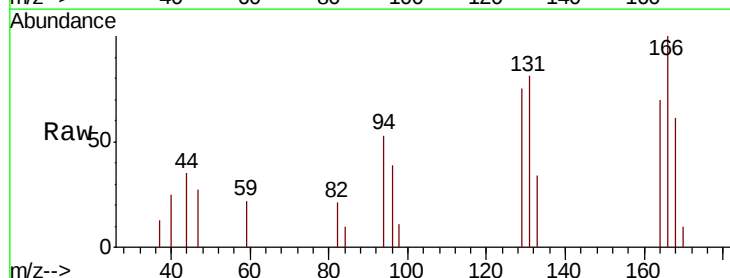
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F43

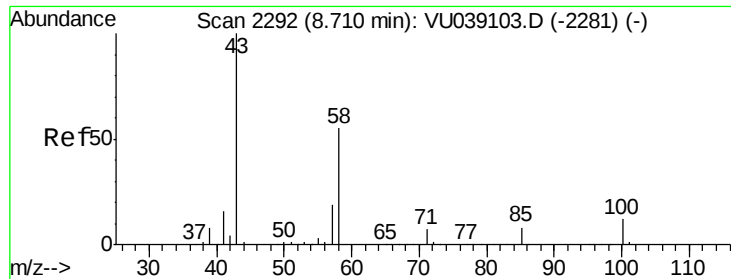
Tot Ion: 75 Resp: 2984
 Ion Ratio Lower Upper
 75 100
 77 60.0 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.122 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039125.D
 Acq: 25 Jun 2020 18:41

Tgt Ion: 164 Resp: 1603
 Ion Ratio Lower Upper
 164 100
 129 107.4 71.3 132.5
 131 116.9 68.3 126.8
 166 143.7 90.8 168.6

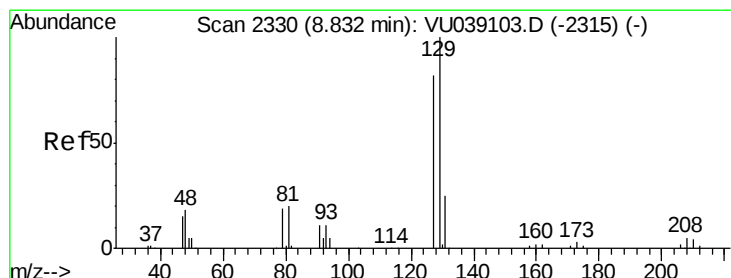
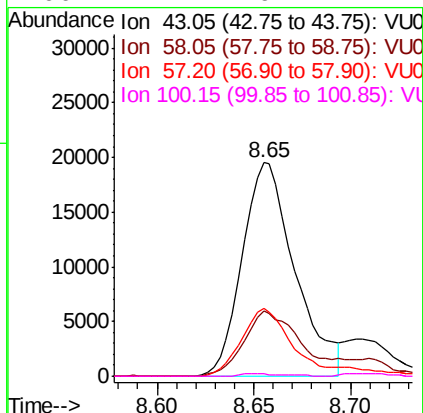
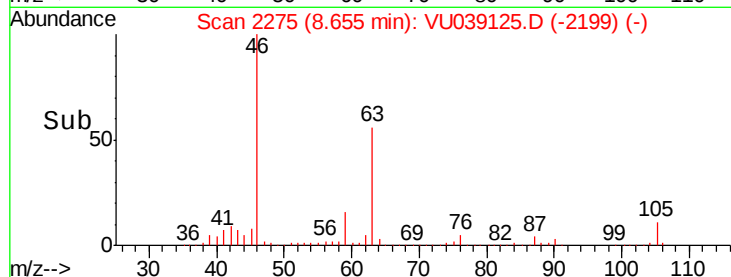
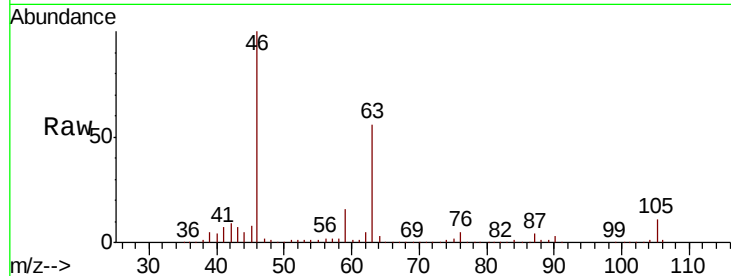




#48
2-Hexanone
Concen: 3.306 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

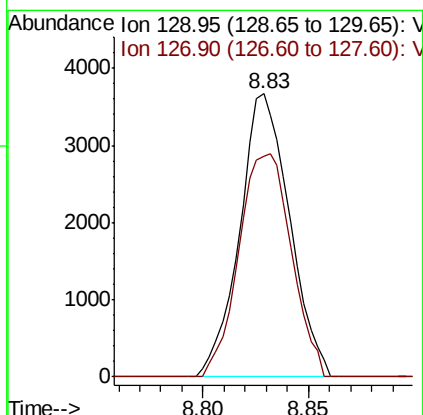
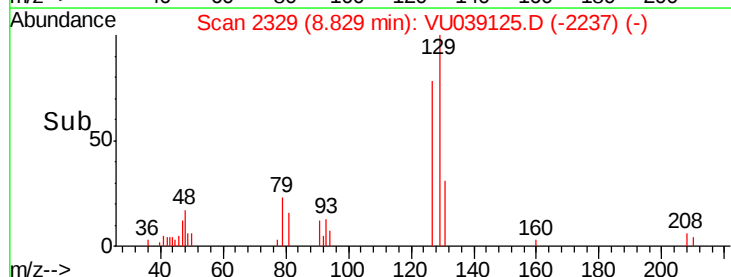
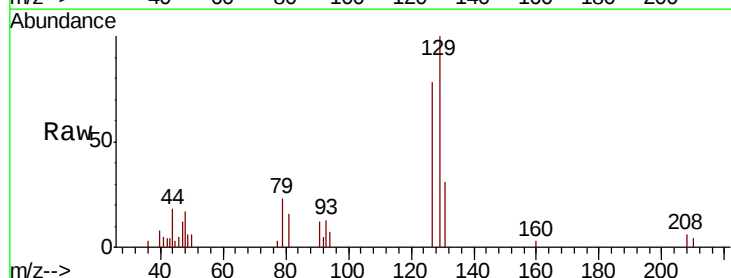
Instrument :
MSVOA_U
ClientSampleId :
F9F43

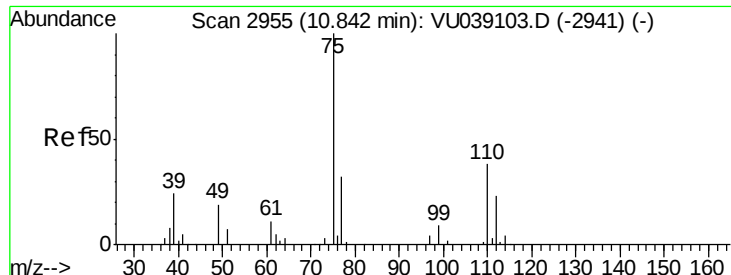
Tot Ion: 43 Resp: 36973
Ion Ratio Lower Upper
43 100
58 35.3 44.0 66.0#
57 29.7 15.0 22.6#
100 1.1 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.366 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VU039125.D
Acq: 25 Jun 2020 18:41

Tgt Ion: 129 Resp: 6046
Ion Ratio Lower Upper
129 100
127 78.2 55.4 103.0





#59

1,2,3-Trichloropropane

Concen: 0.905 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039125.D

Acq: 25 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

F9F43

Tot Ion: 75 Resp: 13948

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.2#

