

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071620\
 Data File : VU039518.D
 Acq On : 16 Jul 2020 13:01
 Operator : SY/MD
 Sample : L3313-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:09:07 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	6.26	114	90093	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20449	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.93	69	24884	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	32740	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	99122	41.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.98%
24) Chloroform-d	5.09	84	52982	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	31672	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.75	84	94783	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.71	67	31975	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	83512	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	12936	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	71050	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28883	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	31983	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

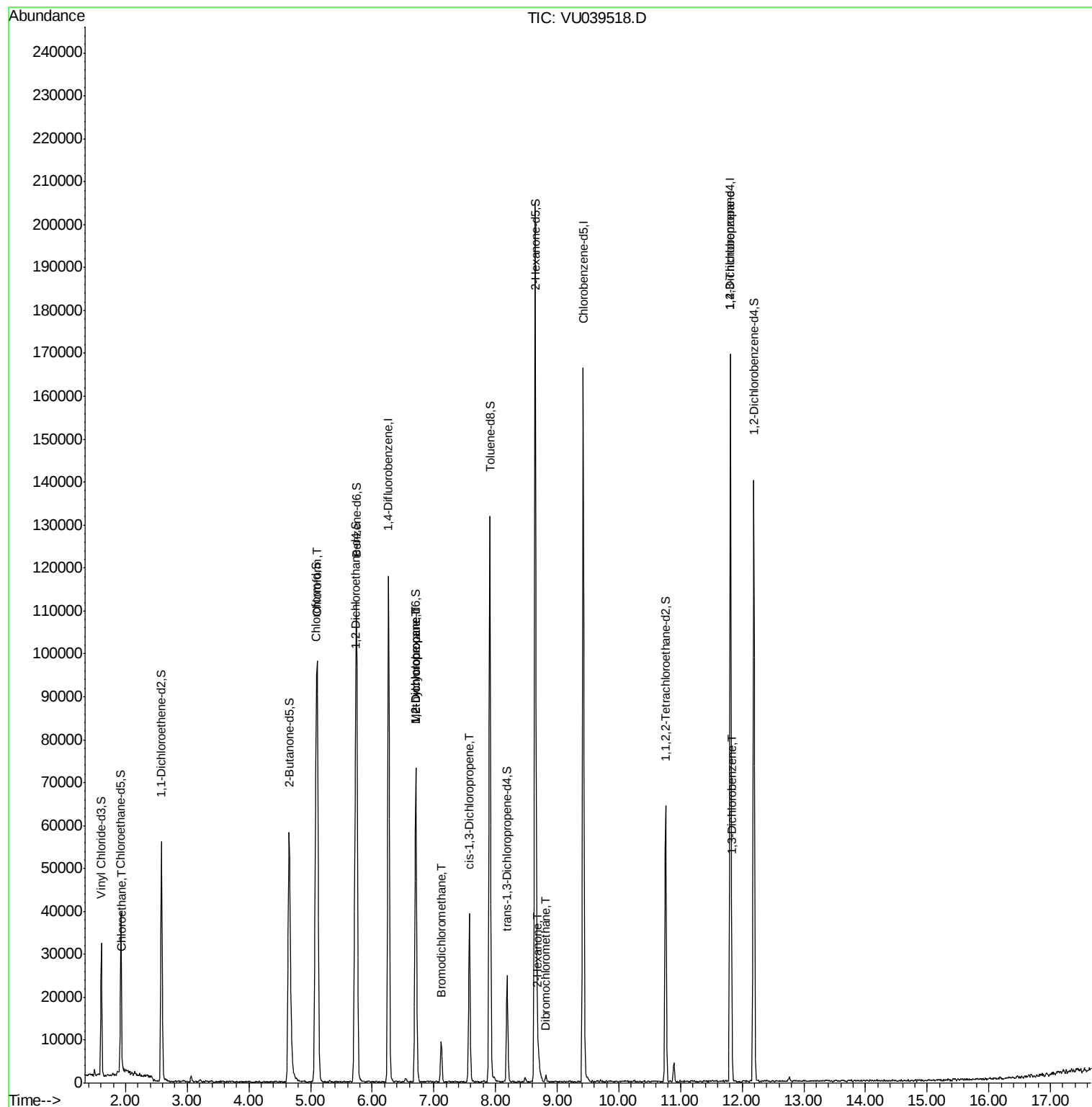
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	383	0.072	ug/L #	41
25) Chloroform	5.11	83	65788	5.613	ug/L	99
35) Methylcyclohexane	6.71	83	7411	0.712	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3979	0.581	ug/L #	91
38) Bromodichloromethane	7.12	83	6174	0.706	ug/L	94
39) cis-1,3-Dichloropropene	7.57	75	1133	0.109	ug/L #	74
48) 2-Hexanone	8.69	43	4064	0.964	ug/L #	47
49) Dibromochloromethane	8.82	129	986	0.165	ug/L	79
59) 1,2,3-Trichloropropane	11.81	75	7057	1.398	ug/L	98
62) 1,3-Dichlorobenzene	11.84	146	869	0.069	ug/L	84

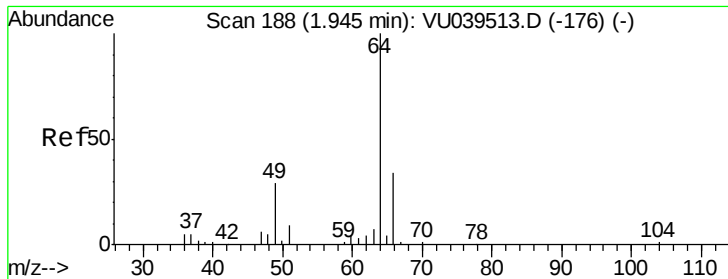
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 17 01:06:47 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.072 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU039518.D

Acq: 16 Jul 2020 13:01

Instrument :

MSVOA_U

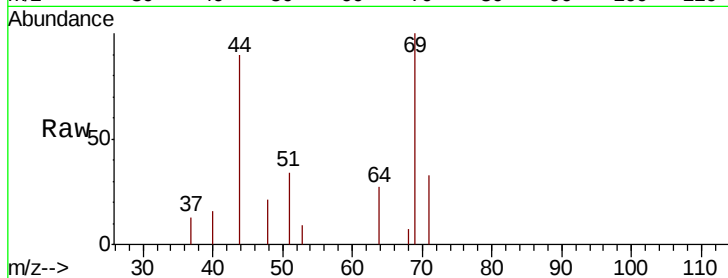
ClientSampleId :

Tot Ion: 64 Resp: 383

Ion Ratio Lower Upper

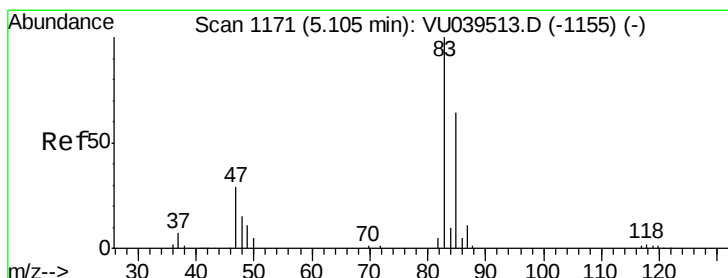
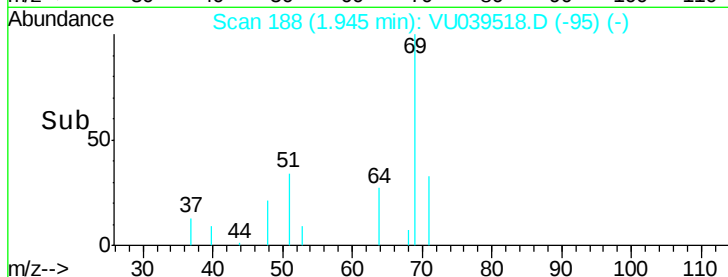
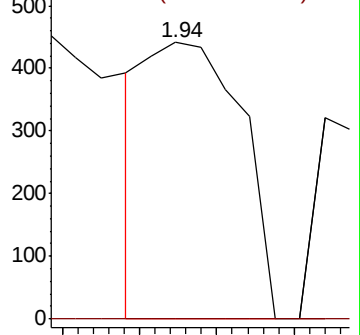
64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#25

Chloroform

Concen: 5.613 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039518.D

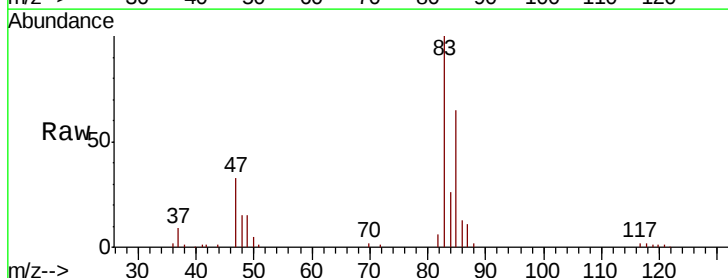
Acq: 16 Jul 2020 13:01

Tgt Ion: 83 Resp: 65788

Ion Ratio Lower Upper

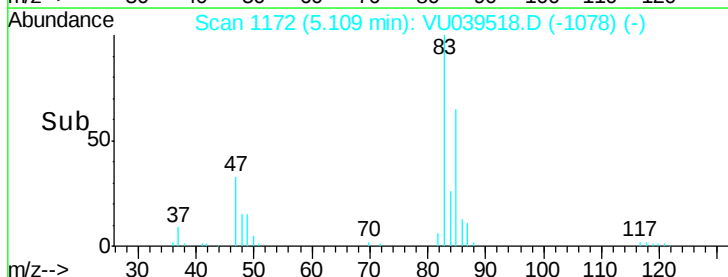
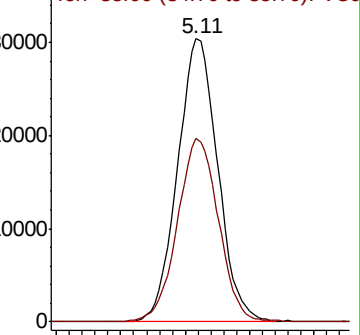
83 100

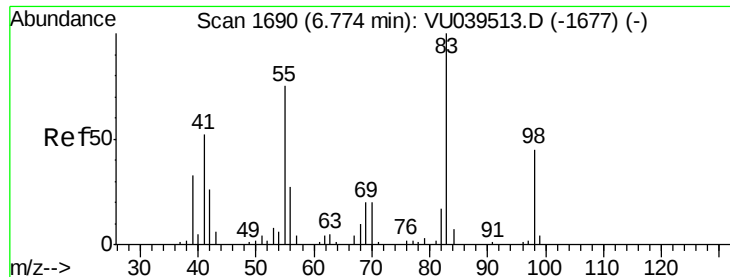
85 64.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

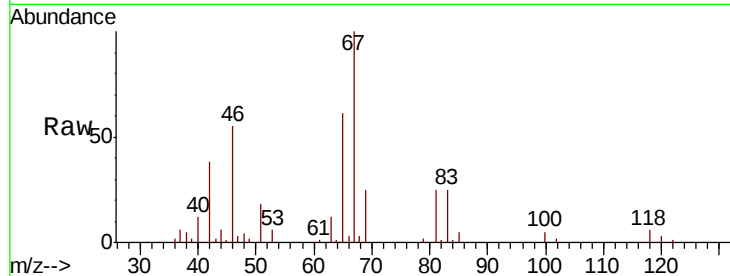




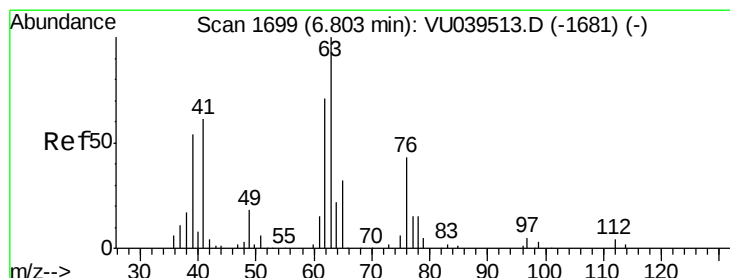
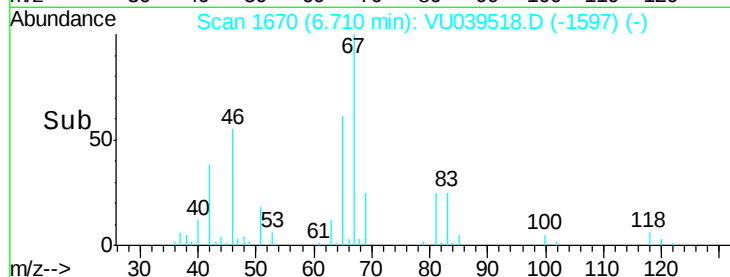
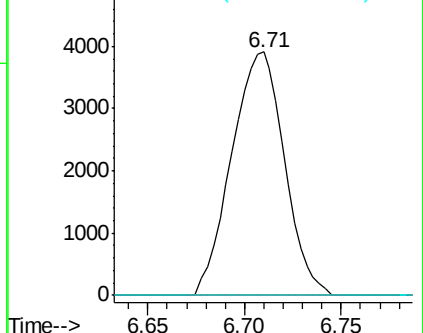
#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7411
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 35.9 53.9#

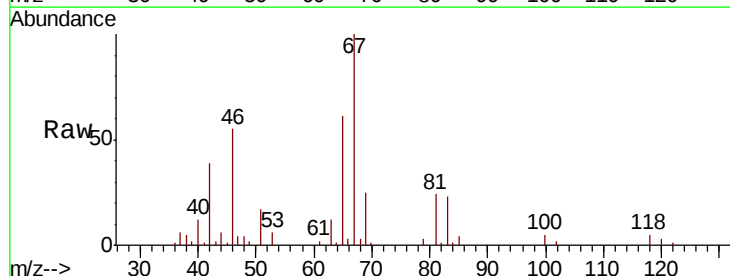


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

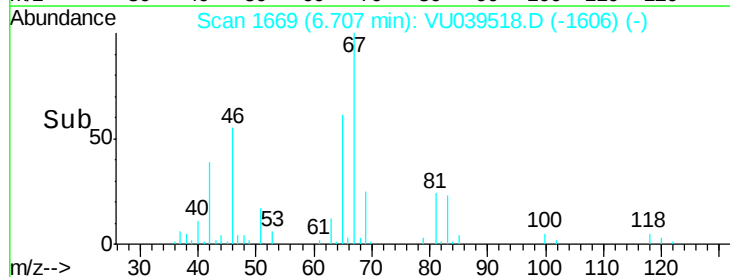
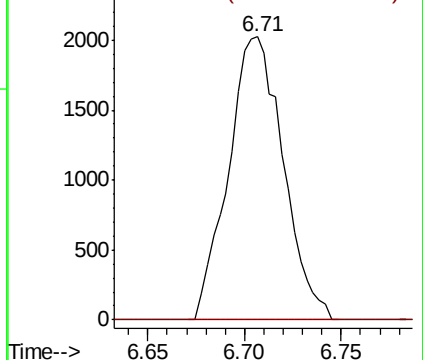


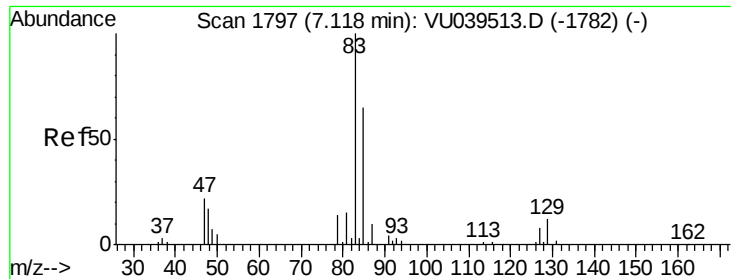
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

Tgt Ion: 63 Resp: 3979
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

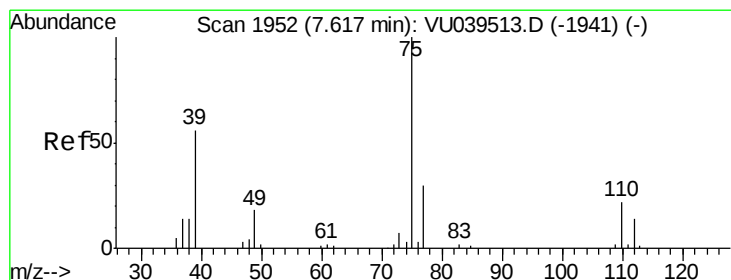
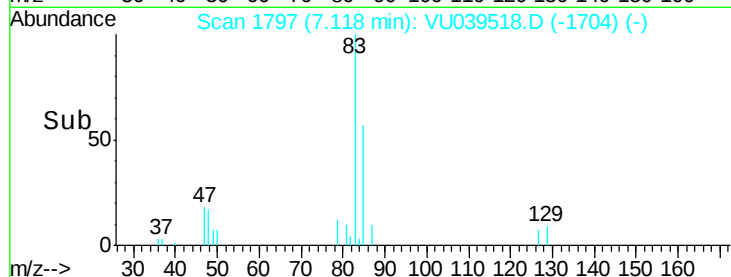
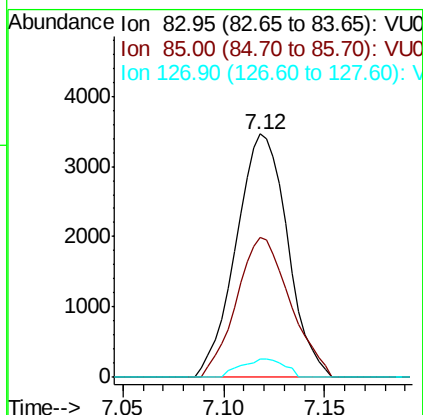
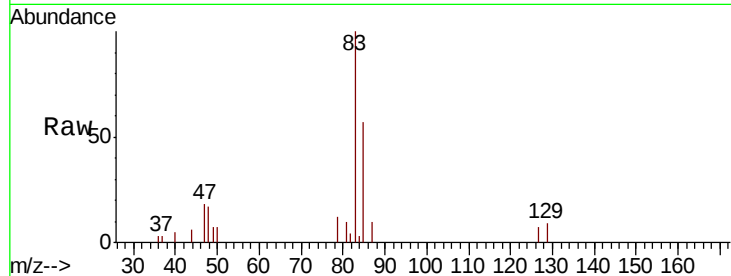




#38
Bromodichloromethane
Concen: 0.706 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

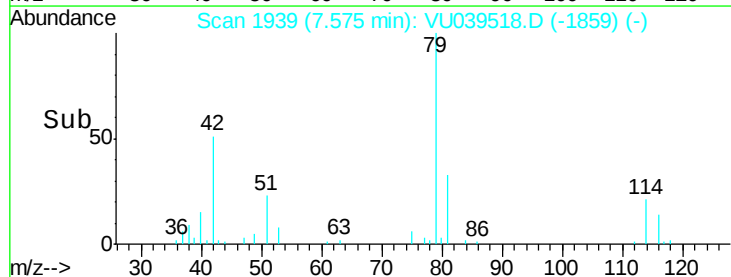
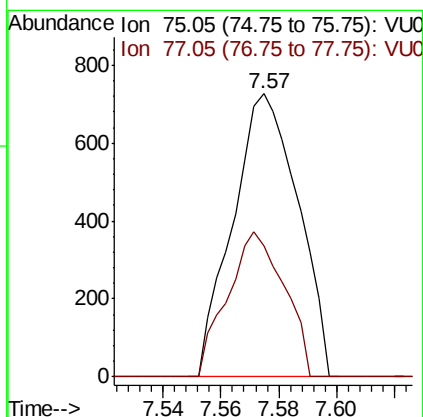
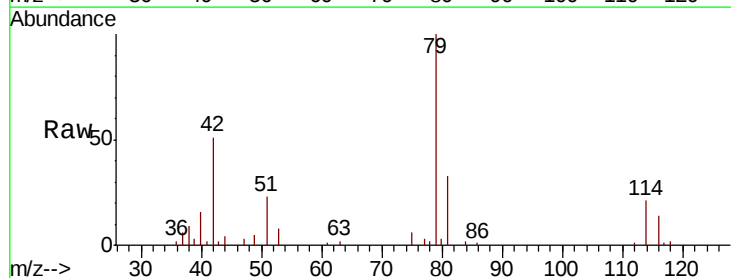
Instrument :
MSVOA_U
ClientSampleId :

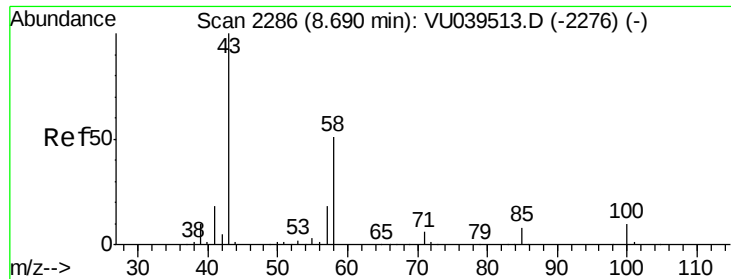
Tot Ion: 83 Resp: 6174
Ion Ratio Lower Upper
83 100
85 57.3 44.0 81.6
127 7.3 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 46.2 22.3 41.3#

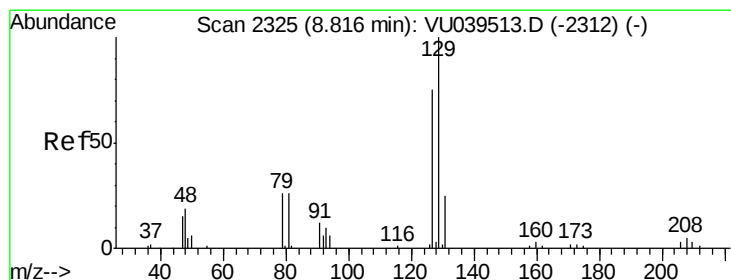
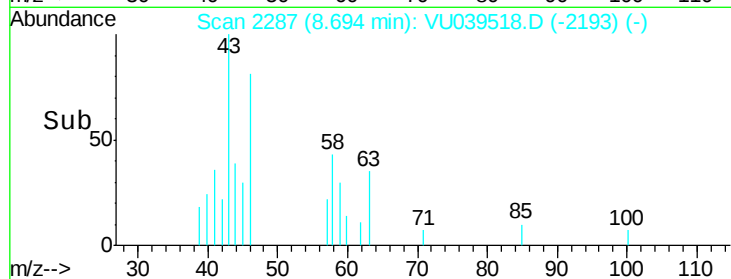
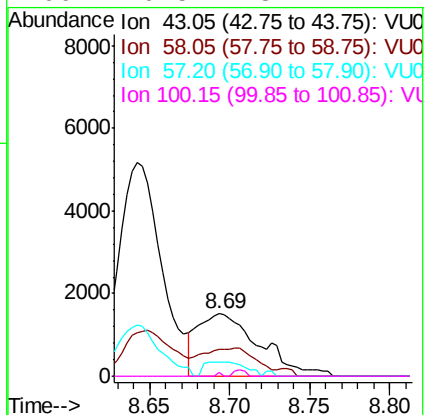
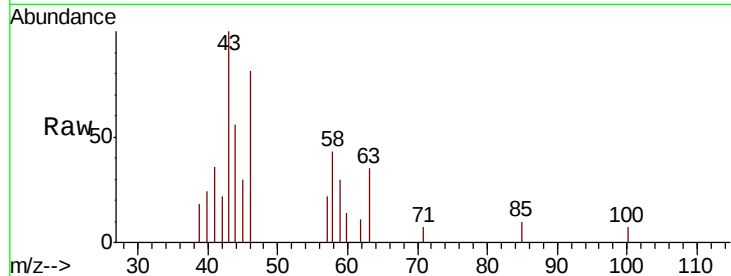




#48
2-Hexanone
Concen: 0.964 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

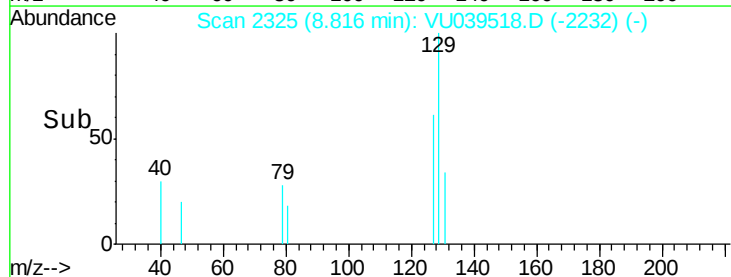
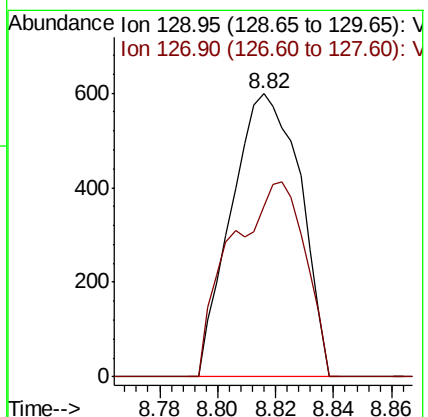
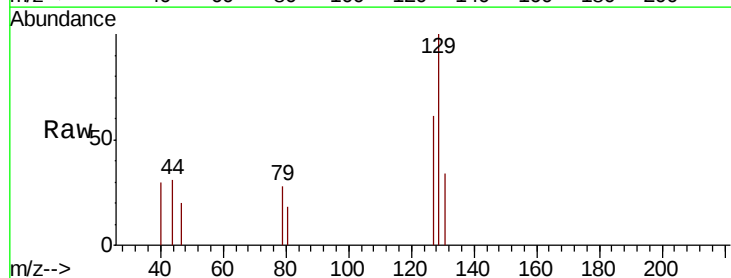
Instrument :
MSVOA_U
ClientSampleId :

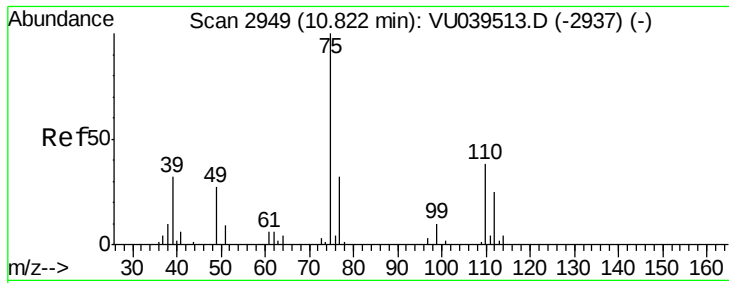
Tot Ion: 43 Resp: 4064
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 14.7 14.0 21.0
100 0.5 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.165 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039518.D
Acq: 16 Jul 2020 13:01

Tgt Ion: 129 Resp: 986
Ion Ratio Lower Upper
129 100
127 60.5 55.4 102.8

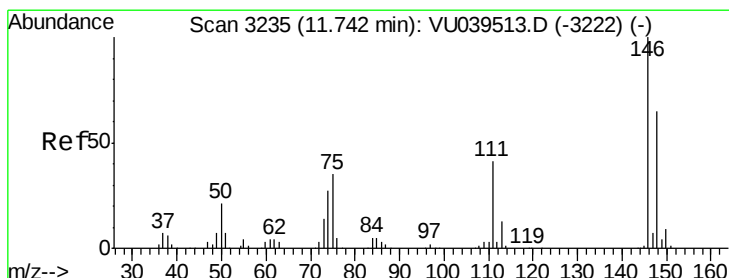
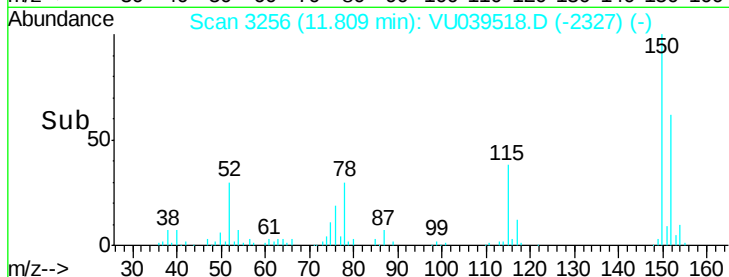
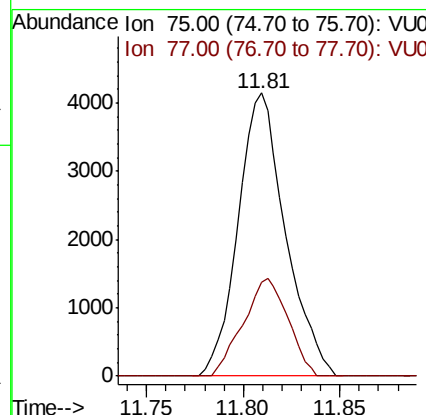
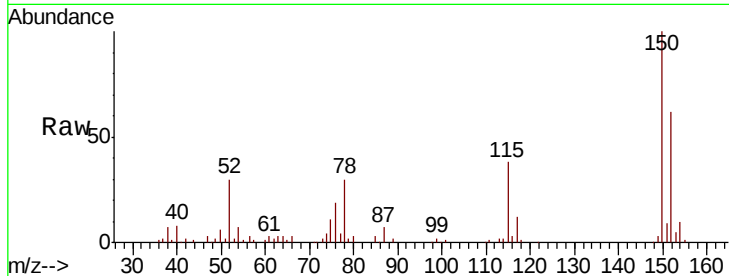




#59
 1,2,3-Trichloropropane
 Concen: 1.398 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039518.D
 Acq: 16 Jul 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7057
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.8 40.2



#62
 1,3-Dichlorobenzene
 Concen: 0.069 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.10 min
 Lab File: VU039518.D
 Acq: 16 Jul 2020 13:01

Tgt Ion: 146 Resp: 869
 Ion Ratio Lower Upper
 146 100
 111 29.3 29.0 53.8
 148 51.6 43.5 80.9

