

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039479.D
 Acq On : 14 Jul 2020 13:08
 Operator : SY/MD
 Sample : L3295-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG098

Quant Time: Jul 15 06:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	104436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.93	69	25816	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	23720	1.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.80%#
20) 2-Butanone-d5	4.66	46	112736	40.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.42%
24) Chloroform-d	5.08	84	54505	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	34720	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.75	84	105559	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.71	67	35068	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.91	98	36006	1.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	35.00%#
43) trans-1,3-Dichloropropene-	8.19	79	8834	2.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.00%#
46) 2-Hexanone-d5	8.64	63	83384	38.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32654	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36499	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

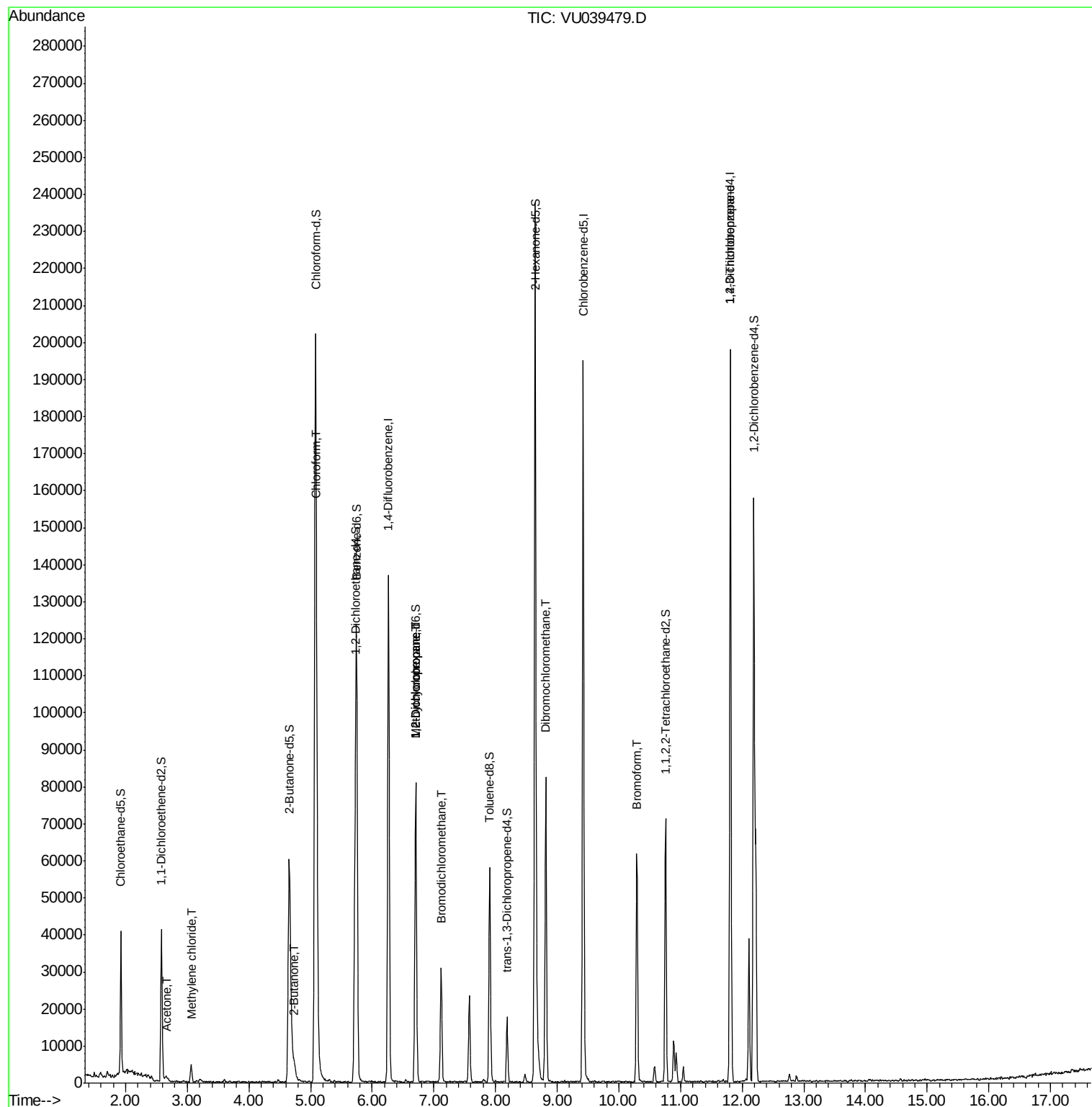
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	1737	1.162	ug/L	87
16) Methylene chloride	3.06	84	1707	0.218	ug/L	90
21) 2-Butanone	4.74	43	7332	2.748	ug/L	84
25) Chloroform	5.11	83	7262	0.534	ug/L	93
35) Methylcyclohexane	6.70	83	7461	0.611	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4373	0.544	ug/L #	91
38) Bromodichloromethane	7.12	83	18038	1.758	ug/L #	92
49) Dibromochloromethane	8.82	129	38569	5.516	ug/L	95
59) 1,2,3-Trichloropropane	11.81	75	7337	1.239	ug/L	89
61) Bromoform	10.29	173	24161	6.046	ug/L	98

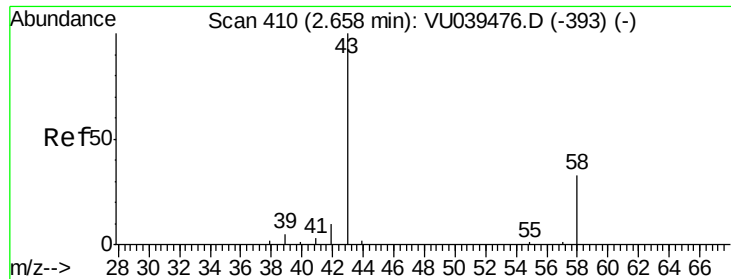
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.162 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

Instrument :

MSVOA_U

ClientSampleId :

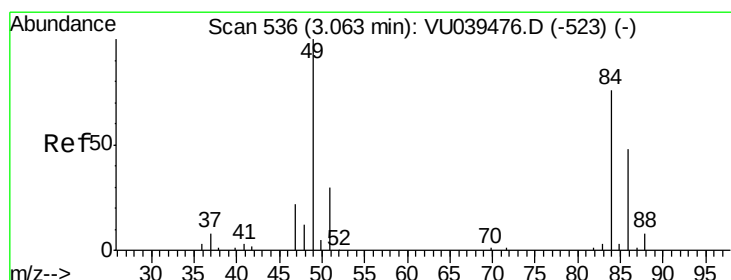
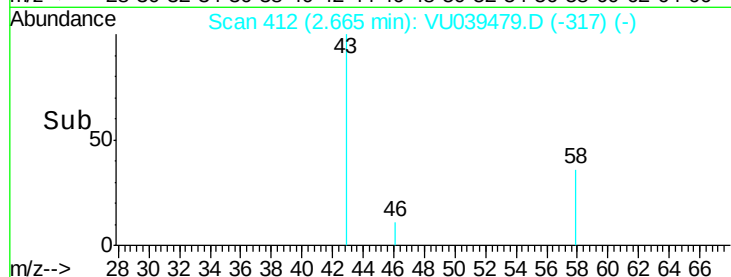
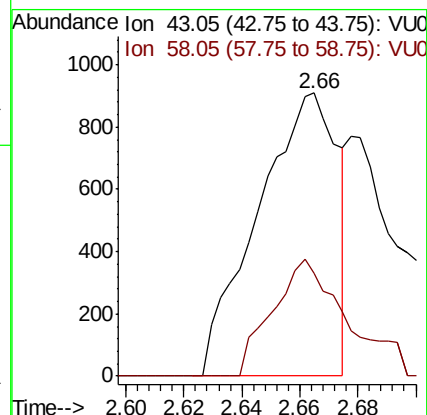
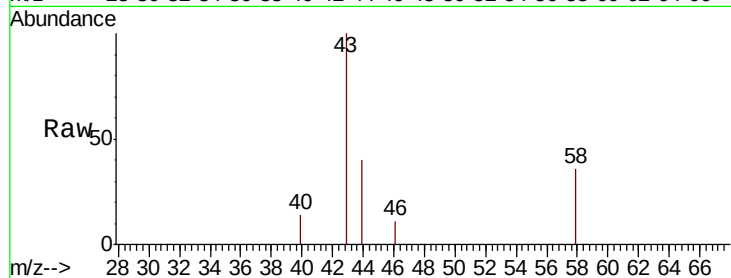
BG098

Tot Ion: 43 Resp: 1737

Ion Ratio Lower Upper

43 100

58 38.5 0.0 62.8



#16

Methylene chloride

Concen: 0.218 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039479.D

Acq: 14 Jul 2020 13:08

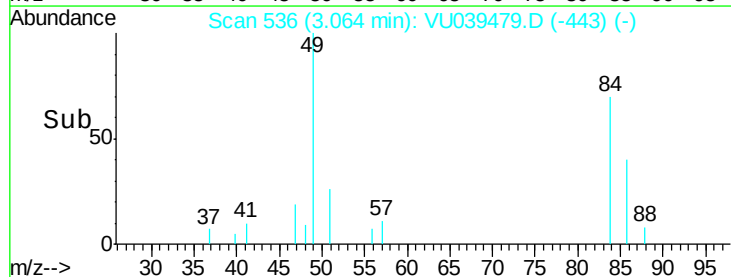
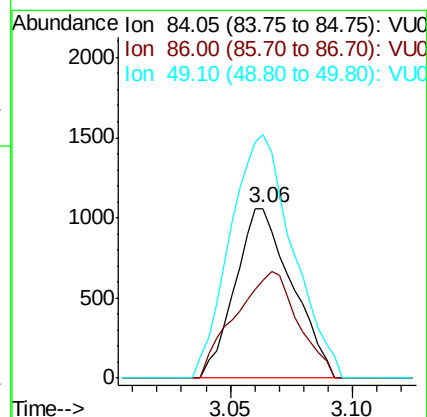
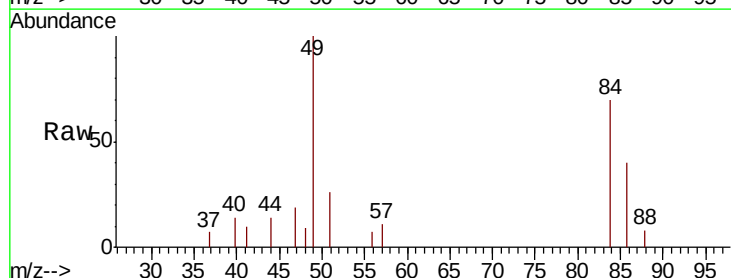
Tgt Ion: 84 Resp: 1707

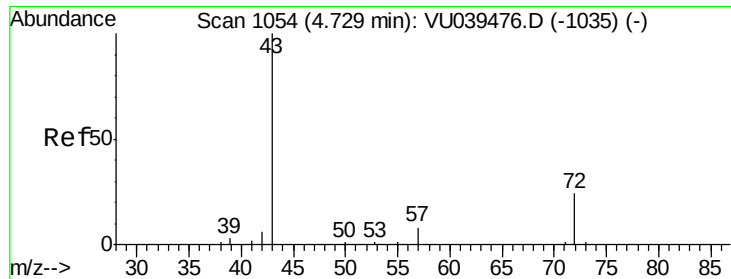
Ion Ratio Lower Upper

84 100

86 57.9 43.5 80.9

49 143.4 91.1 169.1

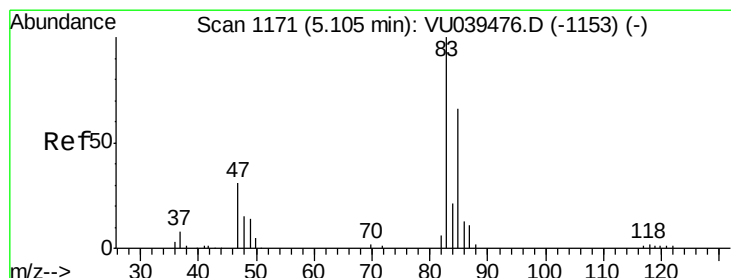
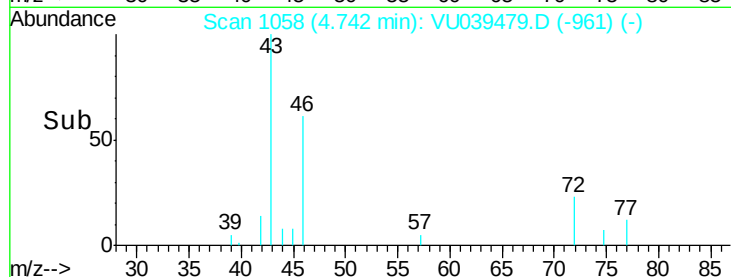
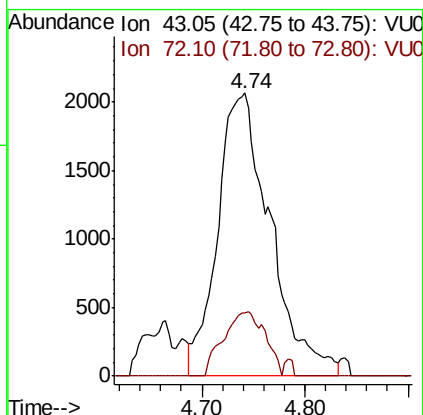
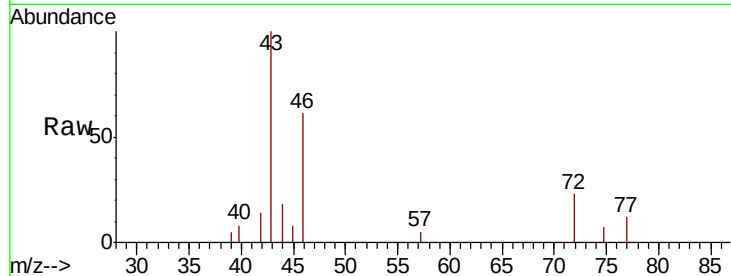




#21
 2-Butanone
 Concen: 2.748 ug/L
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

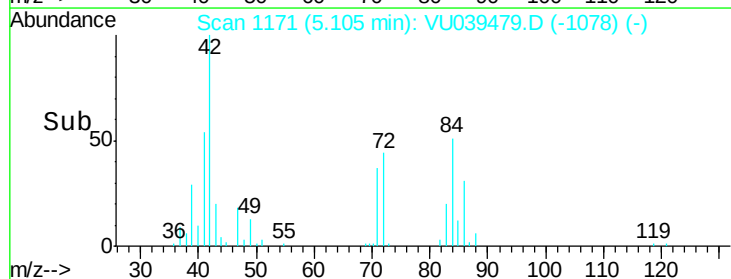
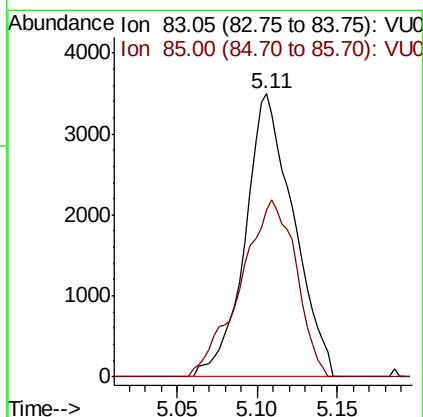
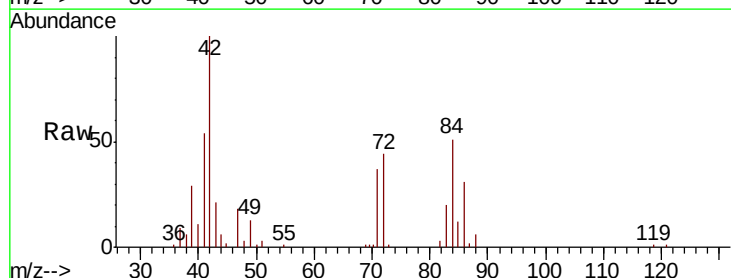
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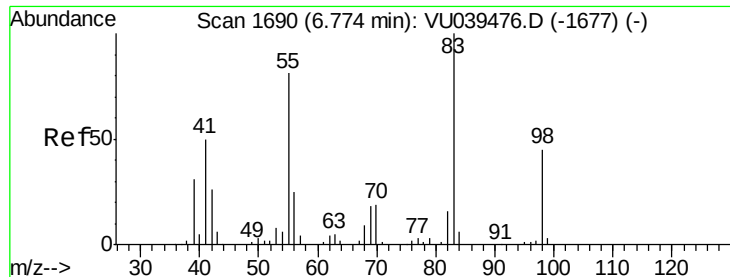
Tot Ion: 43 Resp: 7332
 Ion Ratio Lower Upper
 43 100
 72 18.0 13.2 39.5



#25
 Chloroform
 Concen: 0.534 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

Tgt Ion: 83 Resp: 7262
 Ion Ratio Lower Upper
 83 100
 85 59.1 44.9 83.5

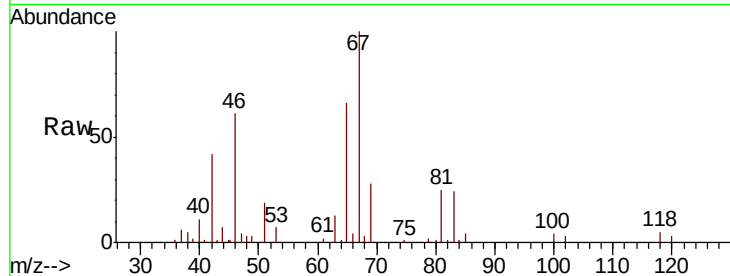




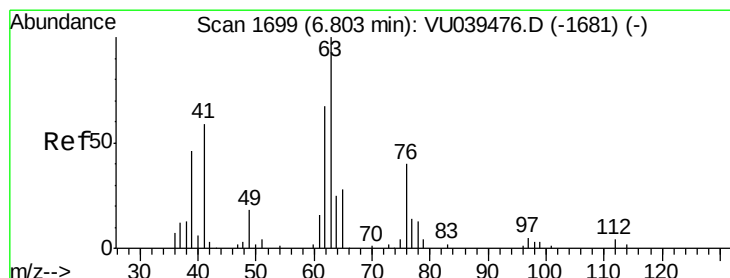
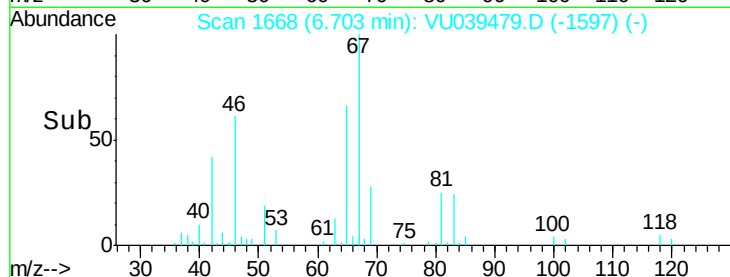
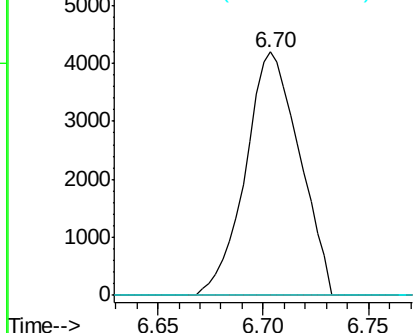
#35
Methylvlcyclohexane
Concen: 0.611 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039479.D
Acq: 14 Jul 2020 13:08

Instrument :
MSVOA_U
ClientSampleId :
BG098

Tot Ion: 83 Resp: 7461
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.7 35.9 53.9#

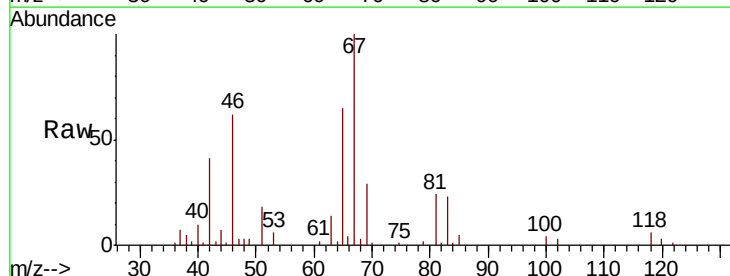


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

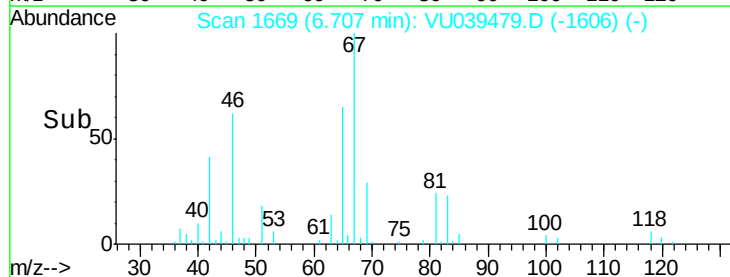
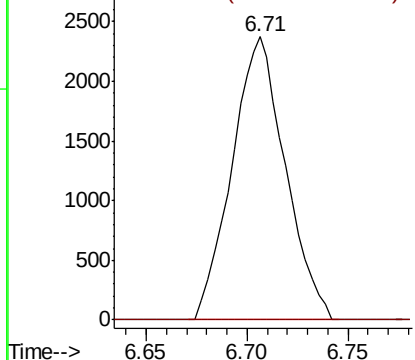


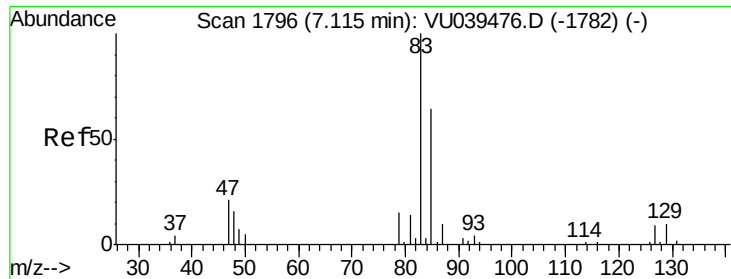
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039479.D
Acq: 14 Jul 2020 13:08

Tgt Ion: 63 Resp: 4373
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

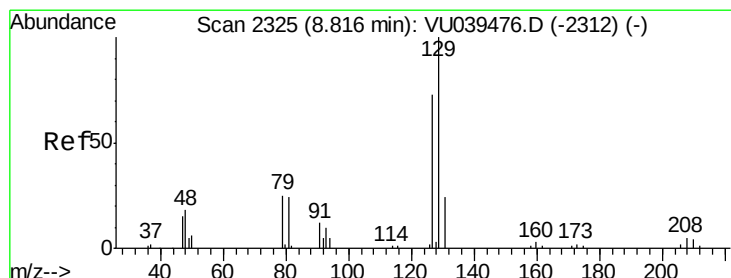
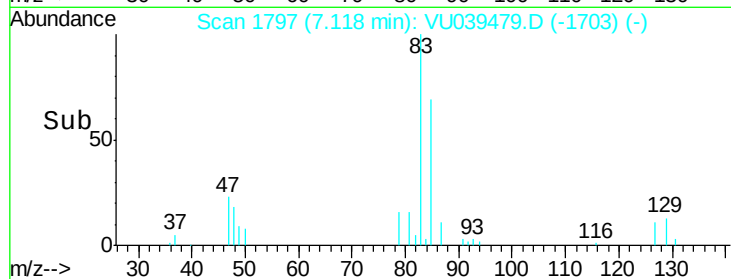
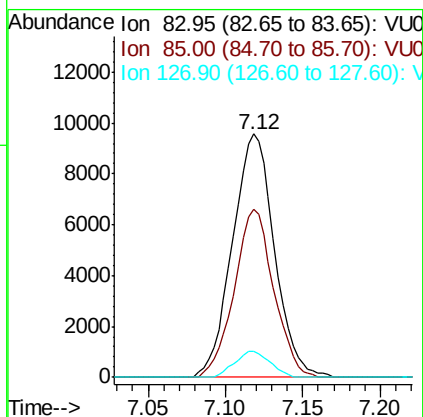
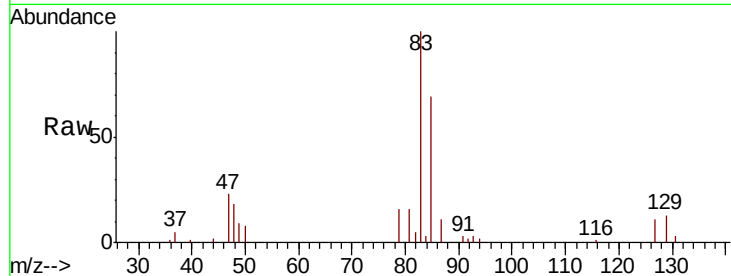




#38
 Bromodichloromethane
 Concen: 1.758 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

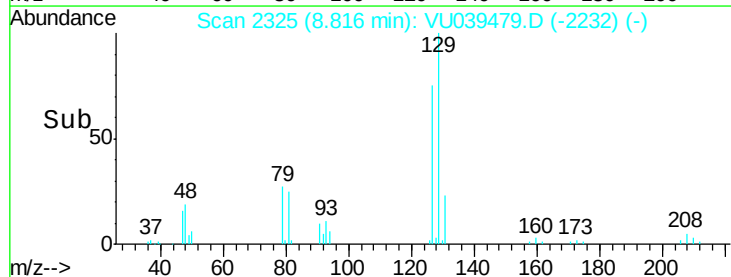
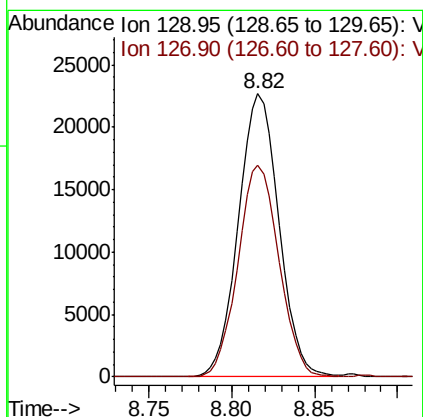
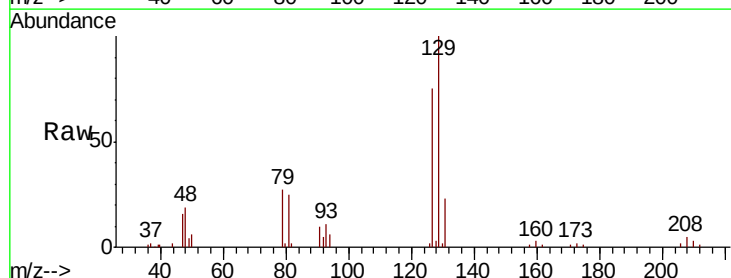
Instrument :
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 ClientSampleId :
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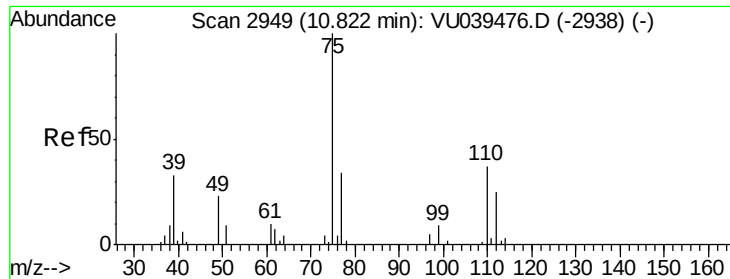
Tot Ion: 83 Resp: 18038
 Ion Ratio Lower Upper
 83 100
 85 69.1 44.0 81.6
 127 10.7 6.2 9.4#



#49
 Dibromochloromethane
 Concen: 5.516 ug/L
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

Tgt Ion: 129 Resp: 38569
 Ion Ratio Lower Upper
 129 100
 127 74.8 55.4 102.8

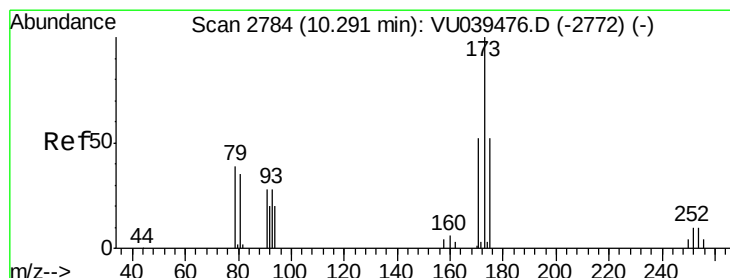
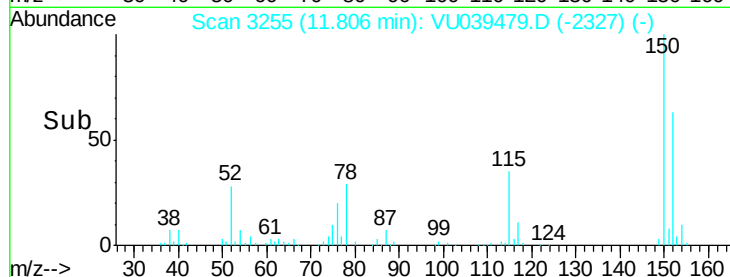
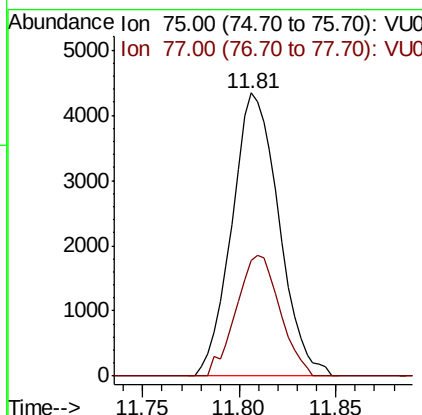
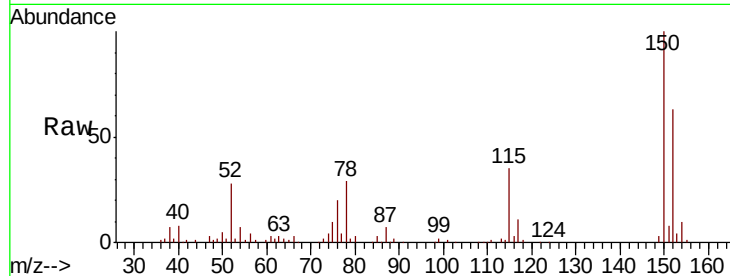




#59
 1,2,3-Trichloropropane
 Concen: 1.239 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

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Tot Ion: 75 Resp: 7337
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.8 40.2



#61
 Bromoform
 Concen: 6.046 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU039479.D
 Acq: 14 Jul 2020 13:08

Tgt Ion: 173 Resp: 24161
 Ion Ratio Lower Upper
 173 100
 175 48.3 37.5 56.3
 254 8.9 6.7 10.1

