

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039483.D
 Acq On : 14 Jul 2020 14:44
 Operator : SY/MD
 Sample : L3295-01RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG098

Quant Time: Jul 15 06:24:13 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	6.26	114	104973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46960	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	1.92	69	29642	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	27560	2.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.00%#
20) 2-Butanone-d5	4.65	46	120704	43.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.72%
24) Chloroform-d	5.08	84	56726	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	35823	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.74	84	109488	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.70	67	37596	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	61453	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.40%#
43) trans-1,3-Dichloropropene-	8.19	79	11885	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.64	63	88639	41.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.38%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34276	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37775	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

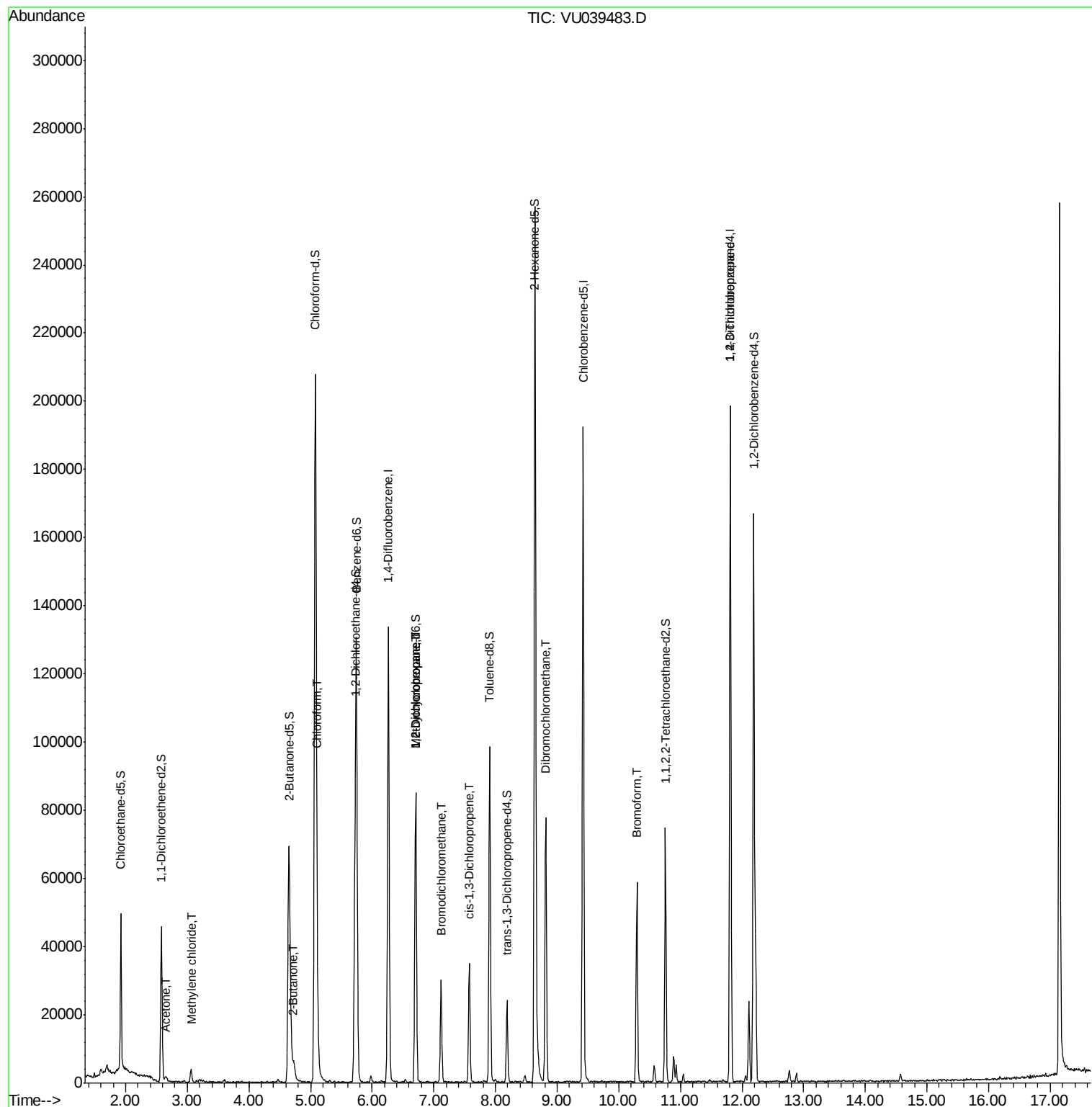
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	2624	1.746	ug/L	81
16) Methylene chloride	3.06	84	1533	0.195	ug/L	93
21) 2-Butanone	4.73	43	6759	2.520	ug/L	86
25) Chloroform	5.11	83	7711	0.565	ug/L	100
35) Methylcyclohexane	6.70	83	8362	0.704	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4654	0.595	ug/L #	91
38) Bromodichloromethane	7.12	83	17591	1.761	ug/L	92
39) cis-1,3-Dichloropropene	7.57	75	1058	0.089	ug/L	99
49) Dibromochloromethane	8.82	129	36027	5.295	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	7478	1.297	ug/L	89
61) Bromoform	10.29	173	23715	5.992	ug/L	99

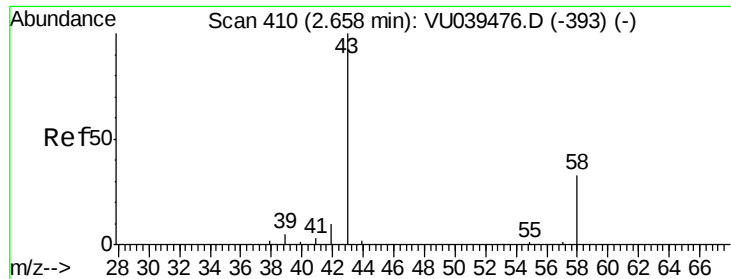
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.746 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039483.D

Acq: 14 Jul 2020 14:44

Instrument :

MSVOA_U

ClientSampled :

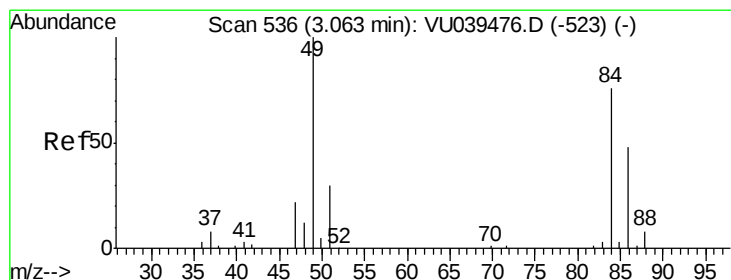
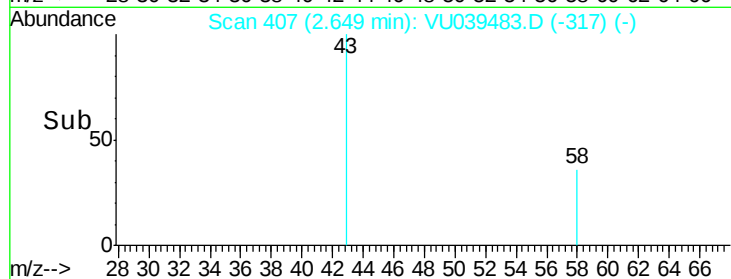
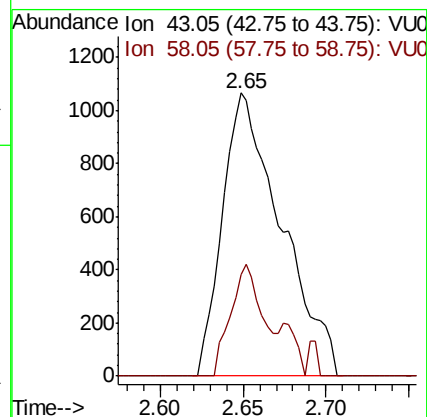
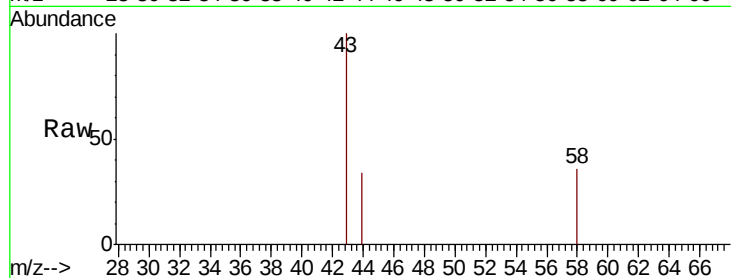
BG098

Tot Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

58 20.9 0.0 62.8



#16

Methylene chloride

Concen: 0.195 ug/L

RT: 3.06 min Scan# 536

Delta R.T. -0.00 min

Lab File: VU039483.D

Acq: 14 Jul 2020 14:44

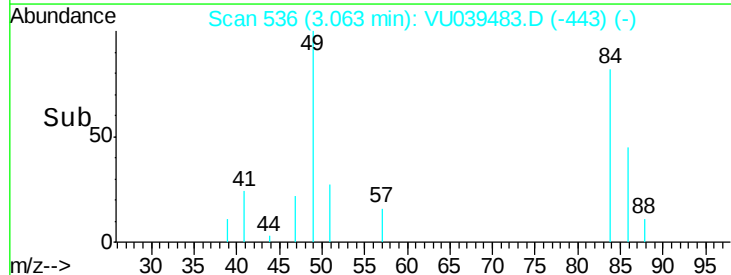
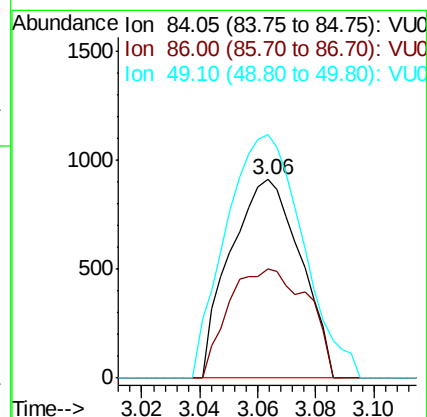
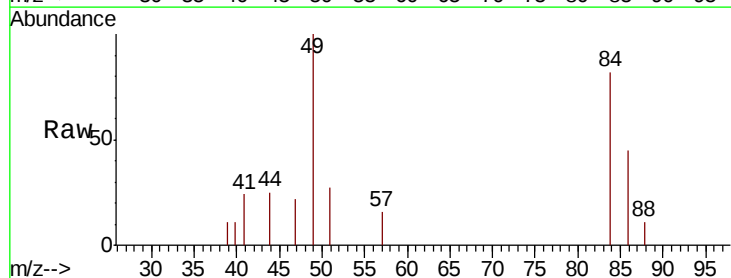
Tgt Ion: 84 Resp: 1533

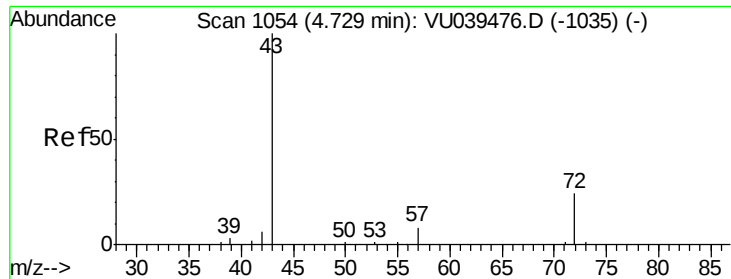
Ion Ratio Lower Upper

84 100

86 55.2 43.5 80.9

49 122.6 91.1 169.1

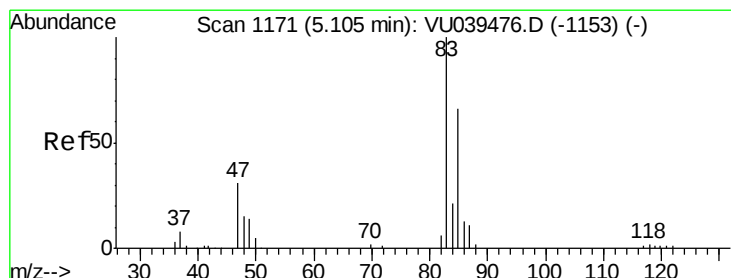
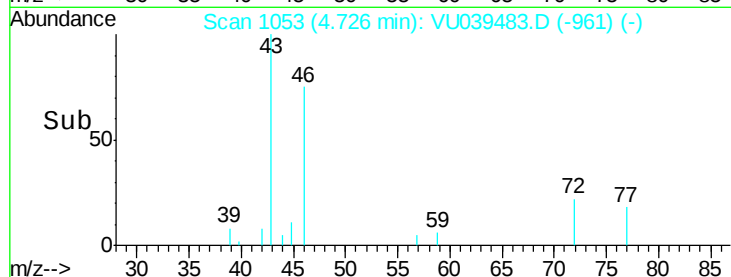
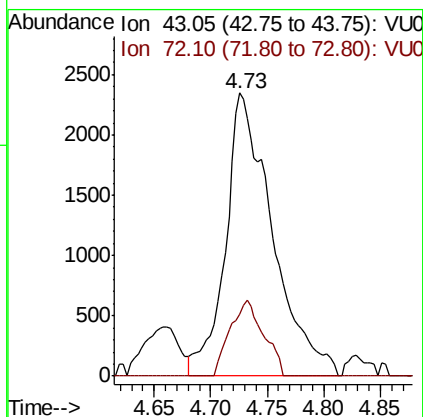
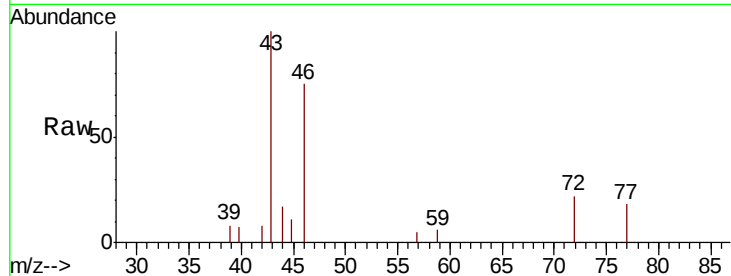




#21
2-Butanone
Concen: 2.520 ug/L
RT: 4.73 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VU039483.D
Acq: 14 Jul 2020 14:44

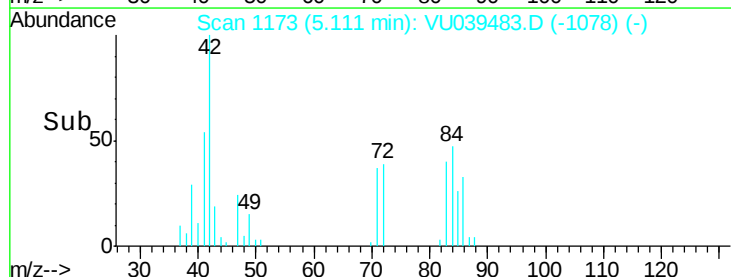
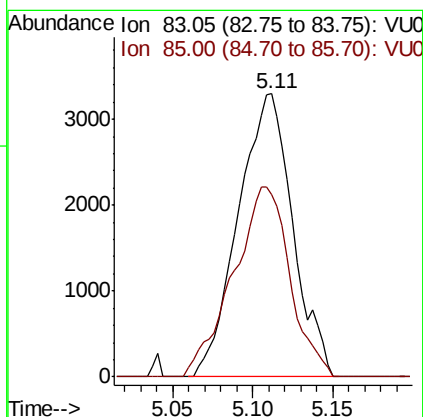
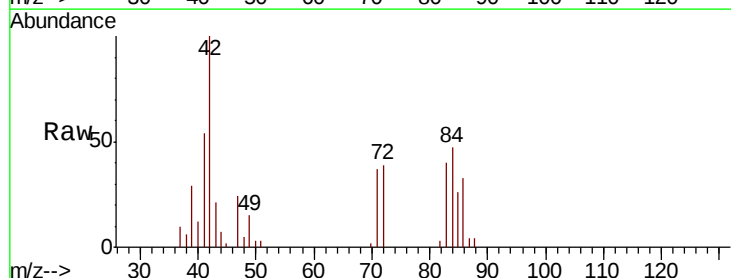
Instrument :
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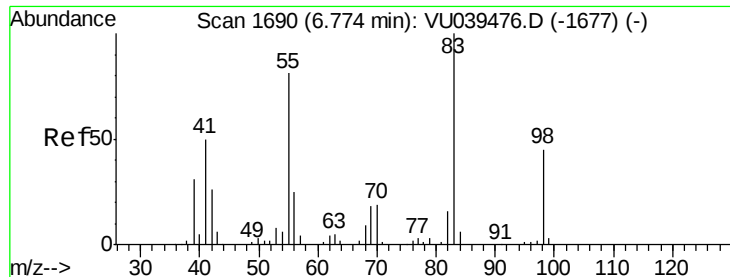
Tot Ion: 43 Resp: 6759
Ion Ratio Lower Upper
43 100
72 19.3 13.2 39.5



#25
Chloroform
Concen: 0.565 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039483.D
Acq: 14 Jul 2020 14:44

Tgt Ion: 83 Resp: 7711
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5

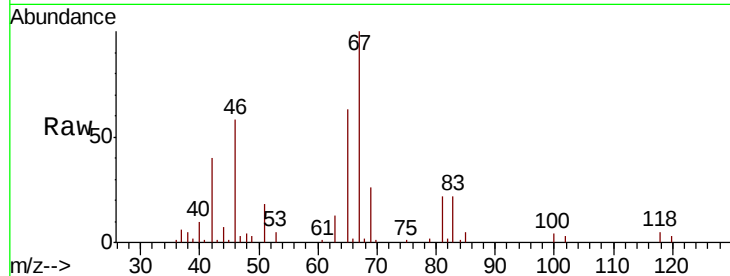




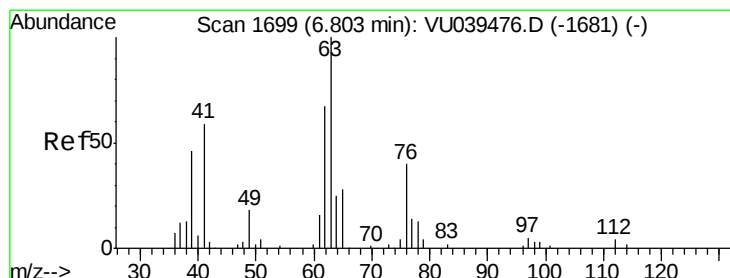
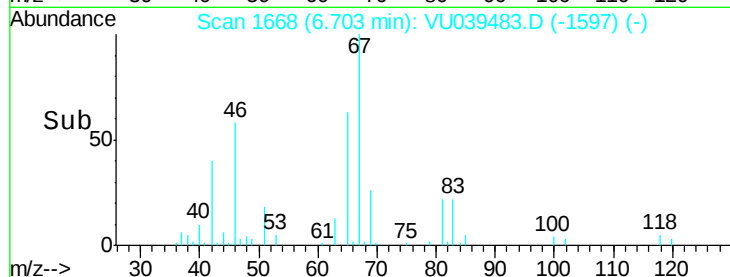
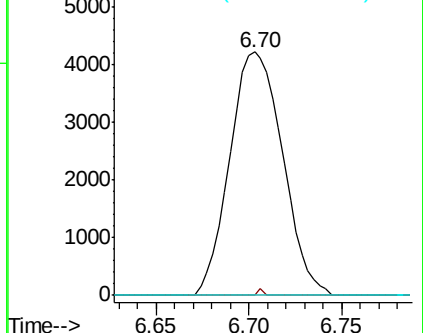
#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039483.D
Acq: 14 Jul 2020 14:44

Instrument :
MSVOA_U
ClientSampleID :
BG098

Tot Ion: 83 Resp: 8362
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.0 35.9 53.9#

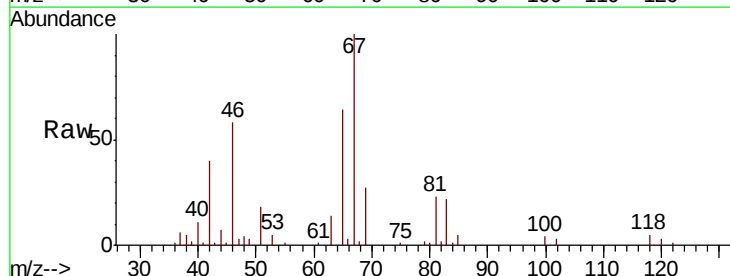


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

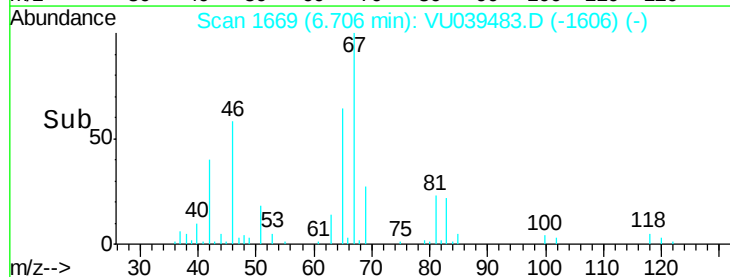
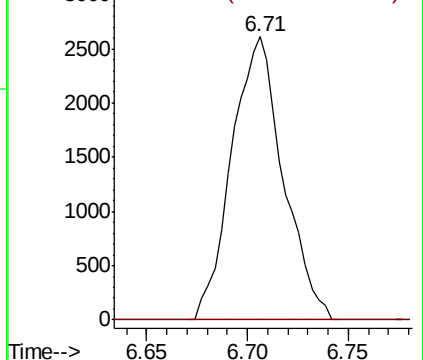


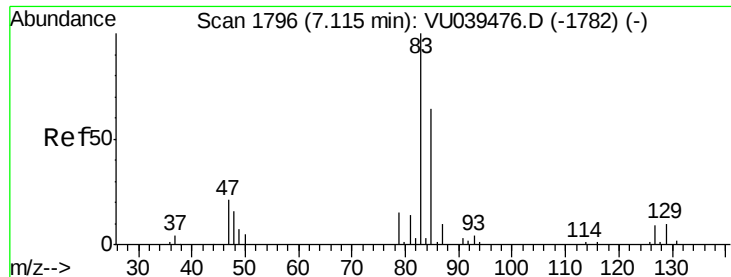
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039483.D
Acq: 14 Jul 2020 14:44

Tgt Ion: 63 Resp: 4654
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

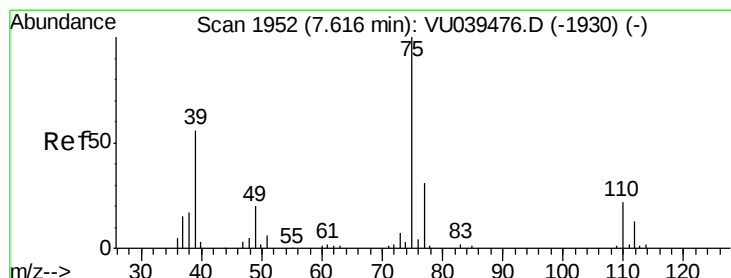
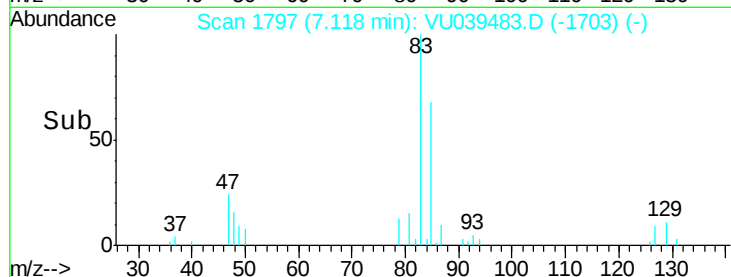
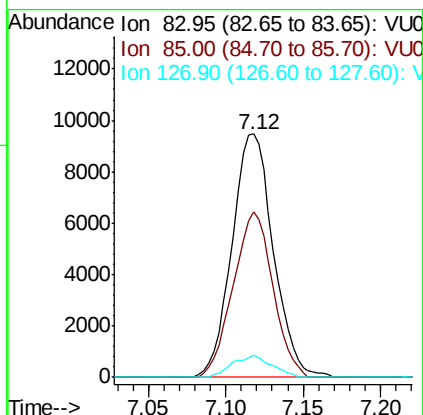
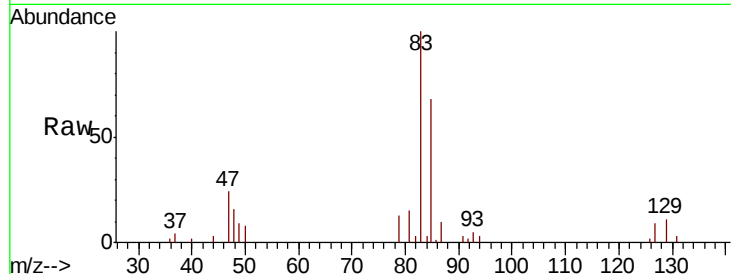




#38
 Bromodichloromethane
 Concen: 1.761 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU039483.D
 Acq: 14 Jul 2020 14:44

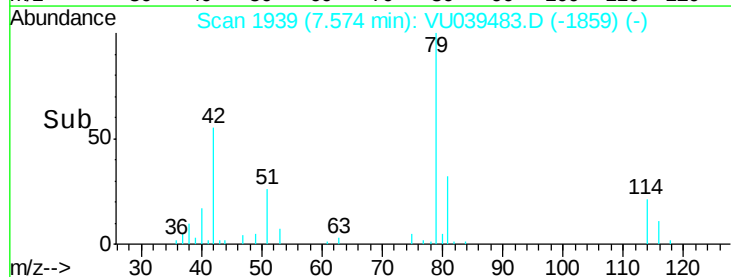
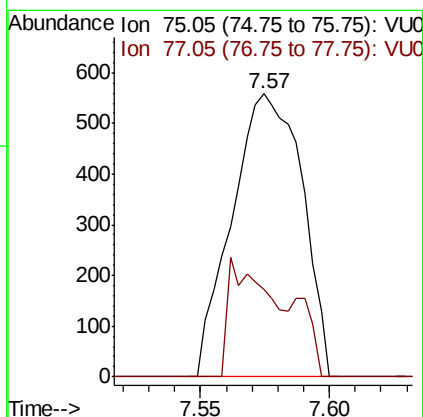
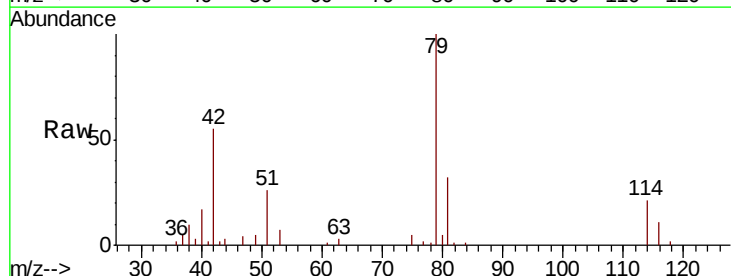
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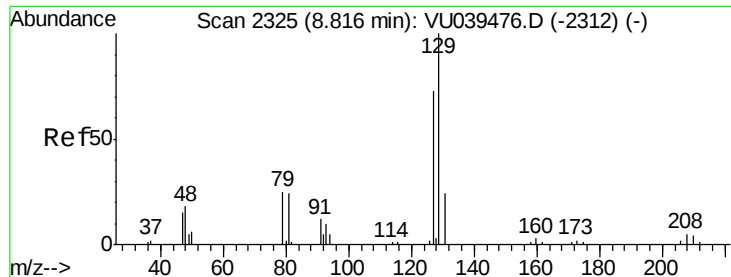
Tot Ion: 83 Resp: 17591
 Ion Ratio Lower Upper
 83 100
 85 69.1 44.0 81.6
 127 9.0 6.2 9.4



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039483.D
 Acq: 14 Jul 2020 14:44

Tgt Ion: 75 Resp: 1058
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.3





#49

Dibromochloromethane

Concen: 5.295 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039483.D

Acq: 14 Jul 2020 14:44

Instrument :

MSVOA_U

ClientSampleId :

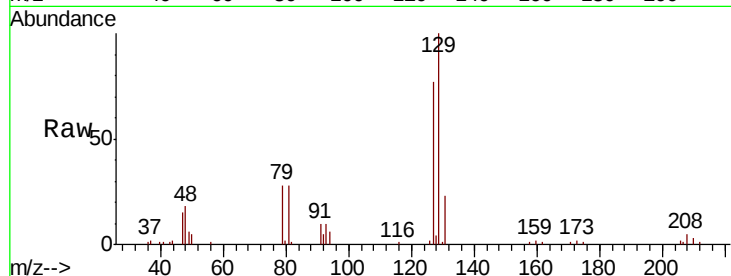
BG098

Tot Ion:129 Resp: 36027

Ion Ratio Lower Upper

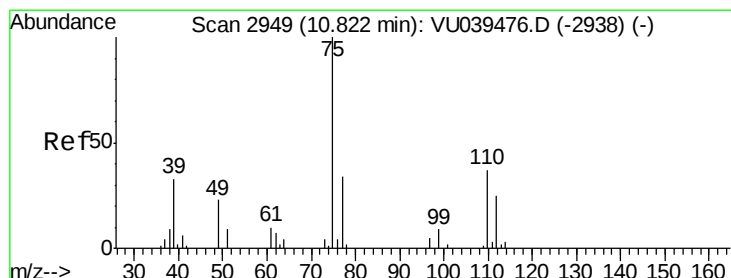
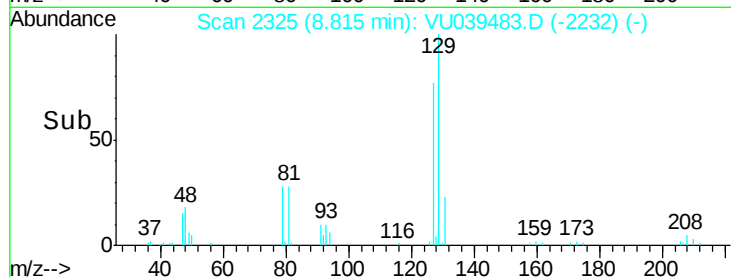
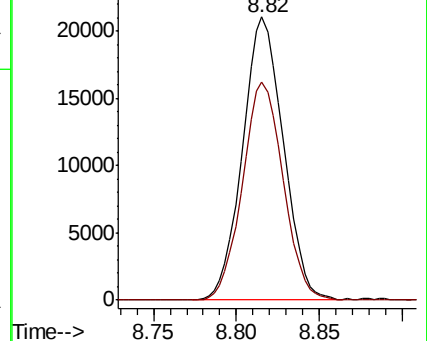
129 100

127 77.2 55.4 102.8



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.297 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039483.D

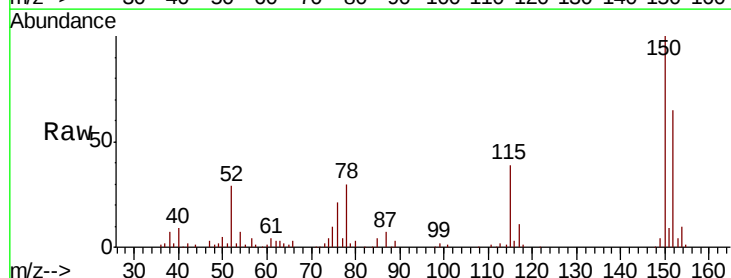
Acq: 14 Jul 2020 14:44

Tgt Ion: 75 Resp: 7478

Ion Ratio Lower Upper

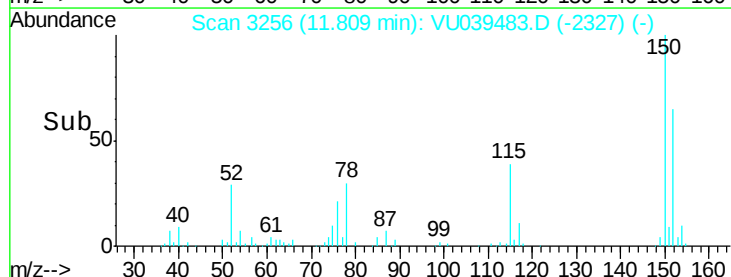
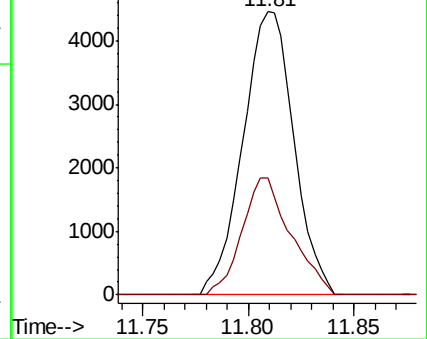
75 100

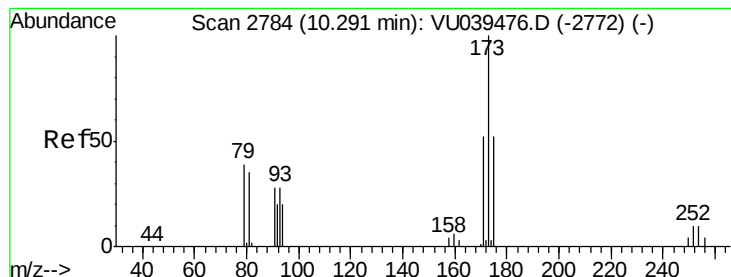
77 39.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 5.992 ug/L

RT: 10.29 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VU039483.D

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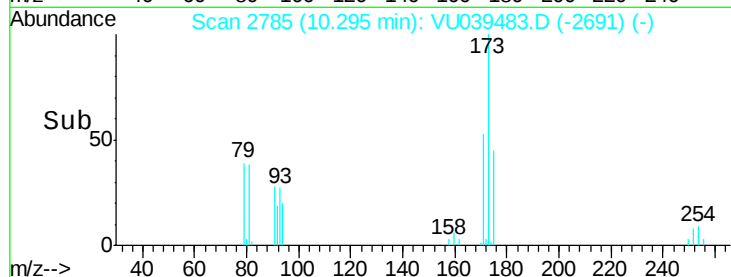
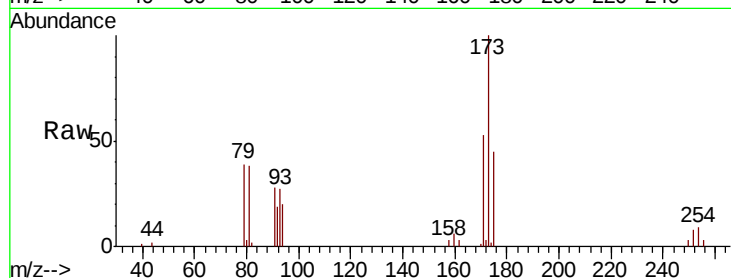
Tot Ion:173 Resp: 23715

Ion Ratio Lower Upper

173 100

175 47.9 37.5 56.3

254 8.6 6.7 10.1



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

