

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038167.D
 Acq On : 14 May 2020 14:23
 Operator : JC/MD
 Sample : L2631-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	352022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	338814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	162787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110985	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.93	69	109974	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.59	63	149805	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.67	46	441911	55.63	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	5.10	84	216014	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	131890	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.76	84	456775	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.72	67	152793	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	397773	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	54469	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.66	63	348617	56.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124982	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	150687	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

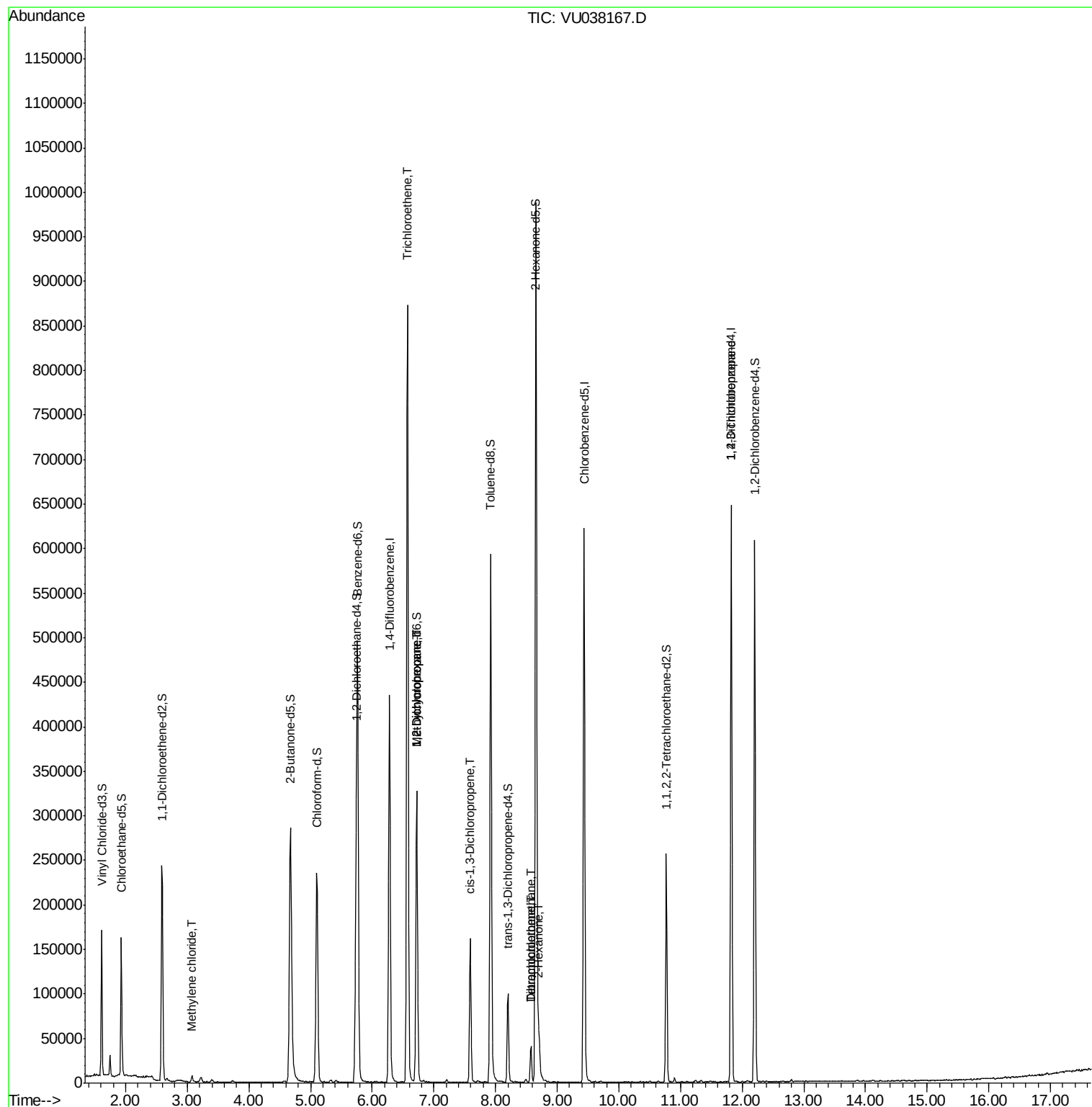
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	2646	0.093	ug/L	91
34) Trichloroethene	6.57	95	298012	10.982	ug/L	97
35) Methylcyclohexane	6.72	83	34086	0.775	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15964	0.542	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3500	0.083	ug/L #	77
47) Tetrachloroethene	8.57	164	8516	0.449	ug/L	95
48) 2-Hexanone	8.71	43	25999	1.738	ug/L #	93
49) Dibromochloromethane	8.58	129	8234	0.388	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	21675	1.096	ug/L	93

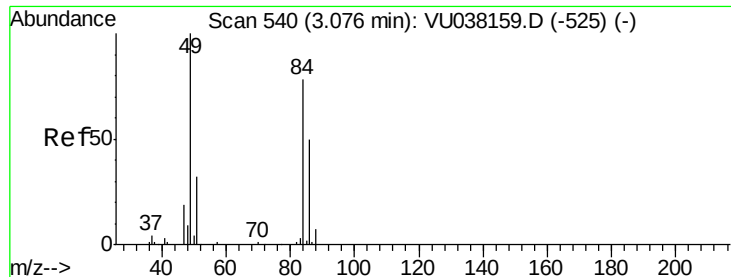
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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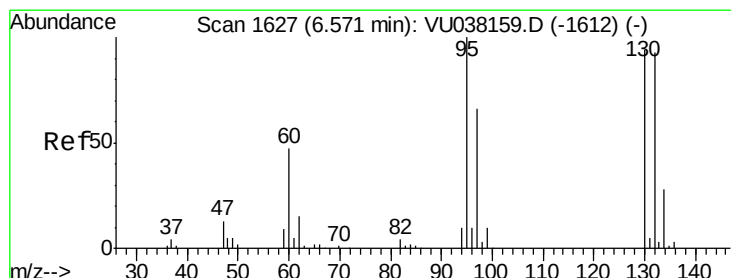
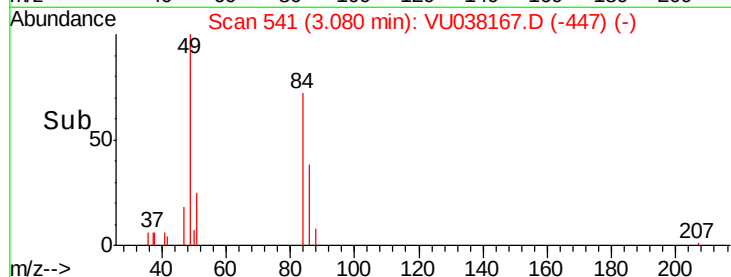
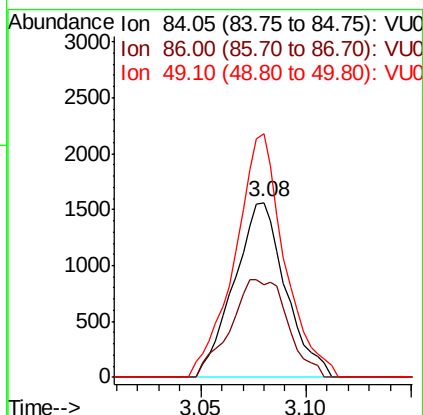
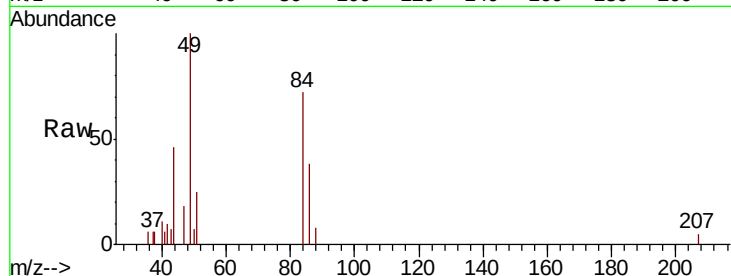




#16
Methylene chloride
Concen: 0.093 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

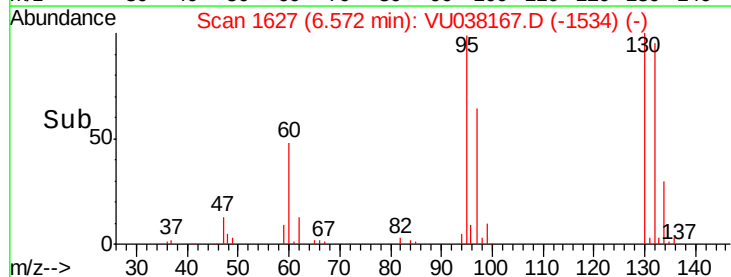
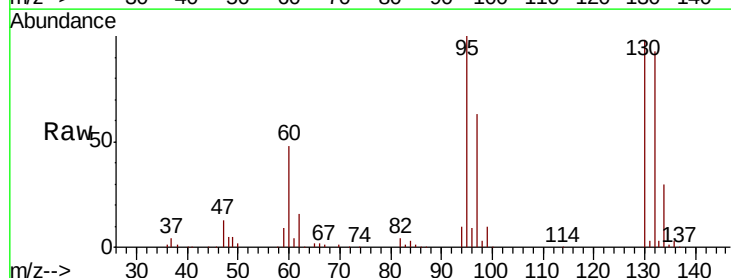
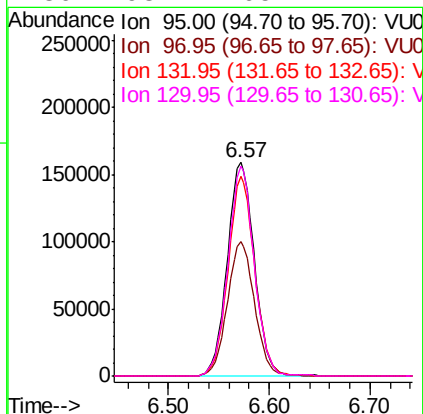
Instrument :
MSVOA_U
ClientSampleId :

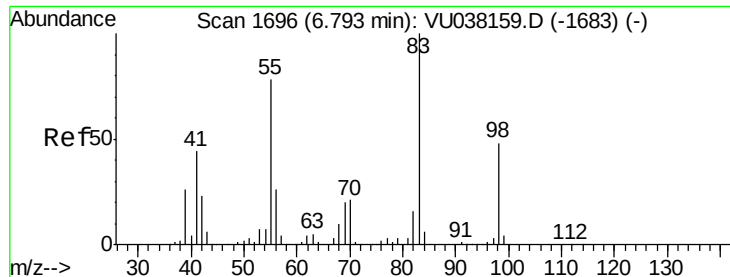
Tot Ion: 84 Resp: 2646
Ion Ratio Lower Upper
84 100
86 52.9 44.9 83.3
49 139.4 92.0 170.9



#34
Trichloroethene
Concen: 10.982 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Tgt Ion: 95 Resp: 298012
Ion Ratio Lower Upper
95 100
97 62.7 44.9 83.3
132 93.4 63.3 117.5
130 98.4 65.7 122.1

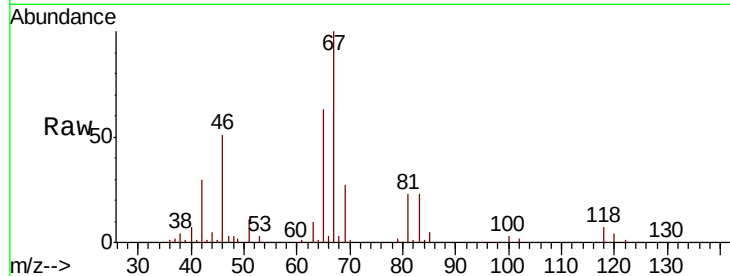




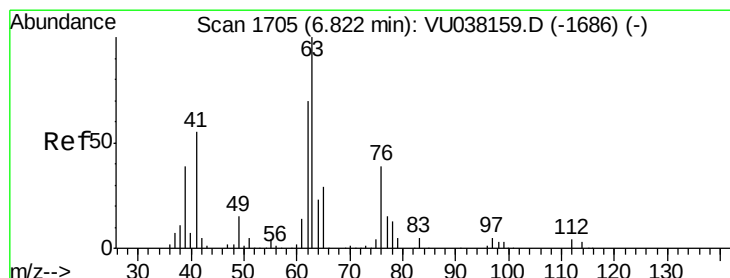
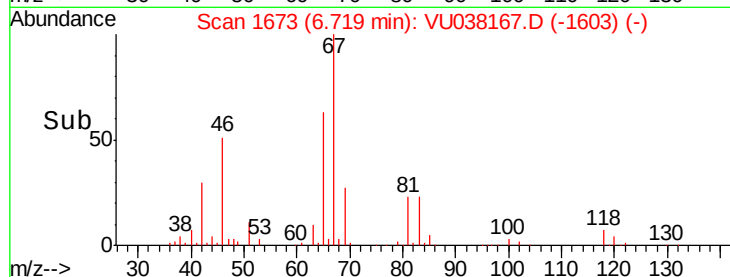
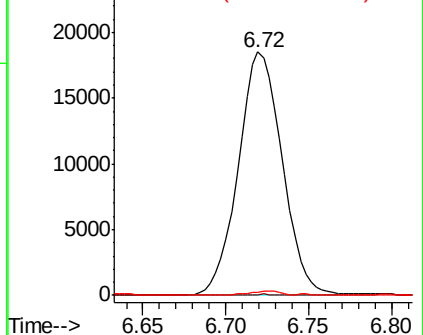
#35
Methylvlcyclohexane
Concen: 0.775 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 34086
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.2 39.4 59.2#

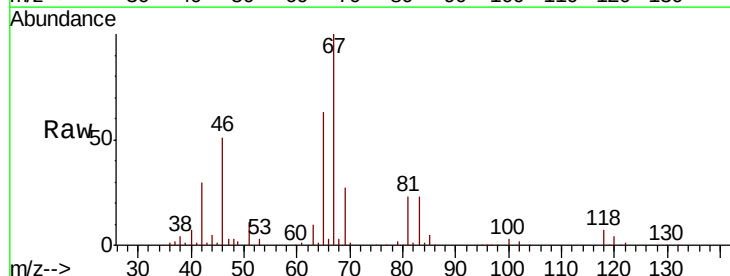


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

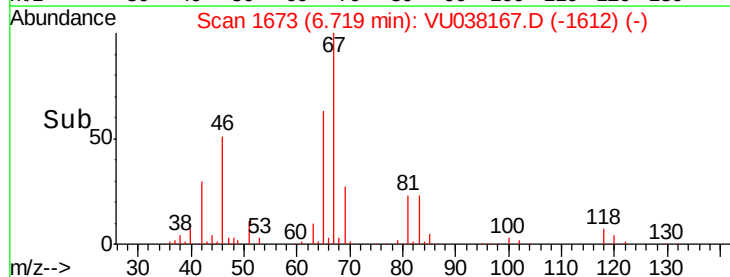
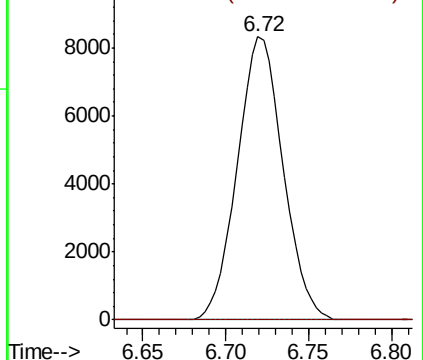


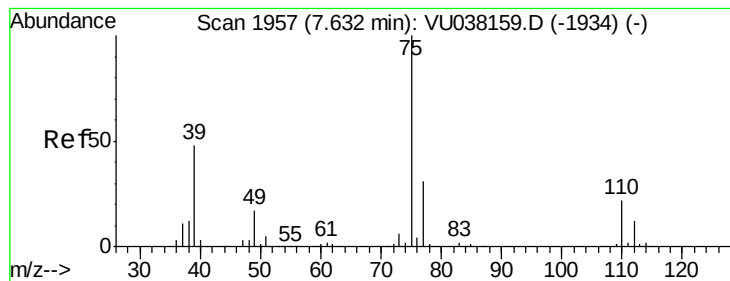
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Tgt Ion: 63 Resp: 15964
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



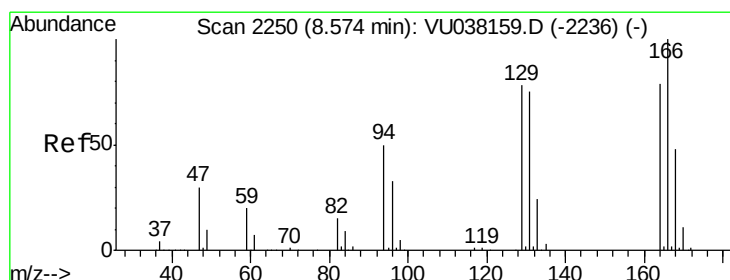
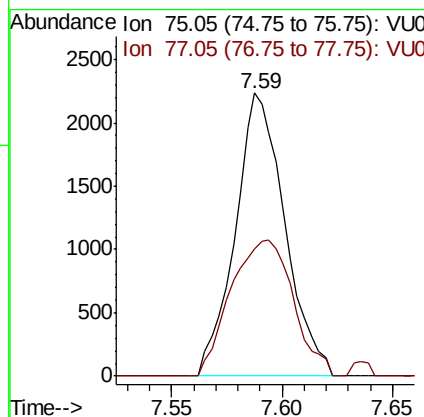
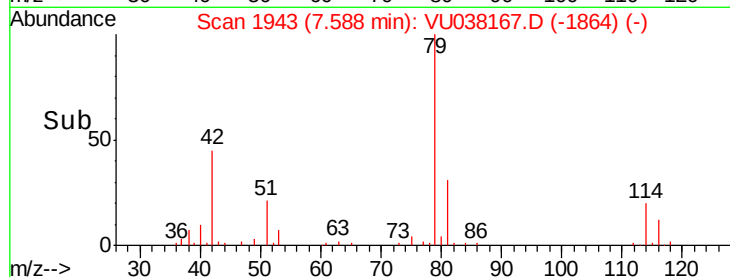
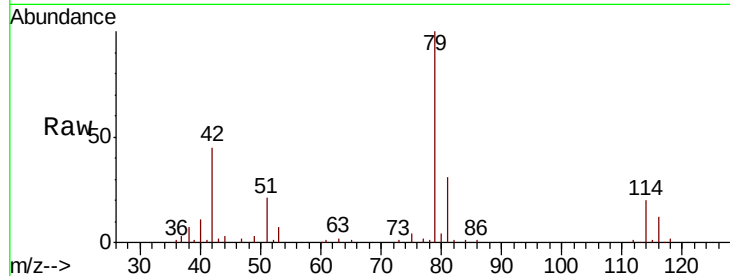


#39

cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Instrument :
MSVOA_U
ClientSampleId :

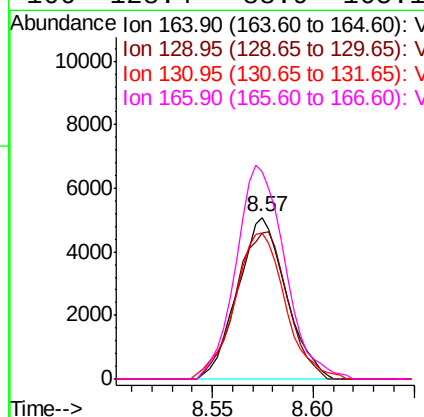
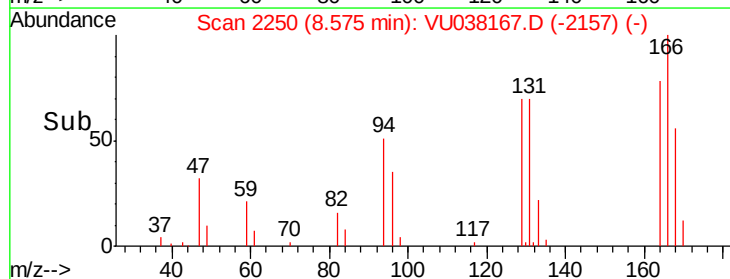
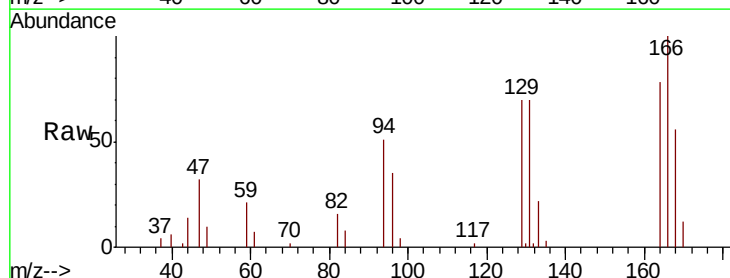
Tot Ion: 75 Resp: 3500
Ion Ratio Lower Upper
75 100
77 44.9 22.4 41.6#

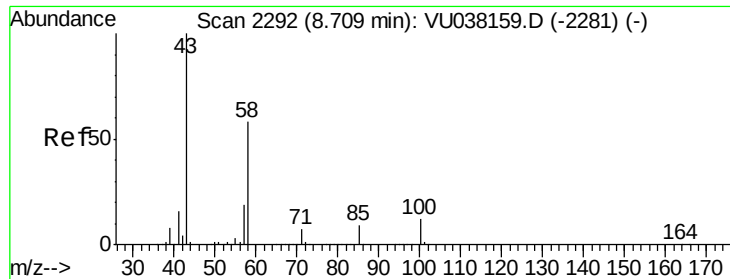


#47

Tetrachloroethene
Concen: 0.449 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Tgt Ion: 164 Resp: 8516
Ion Ratio Lower Upper
164 100
129 90.0 68.8 127.8
131 90.0 66.8 124.2
166 128.4 88.9 165.1

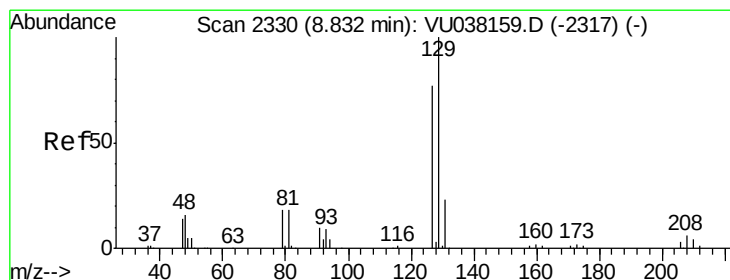
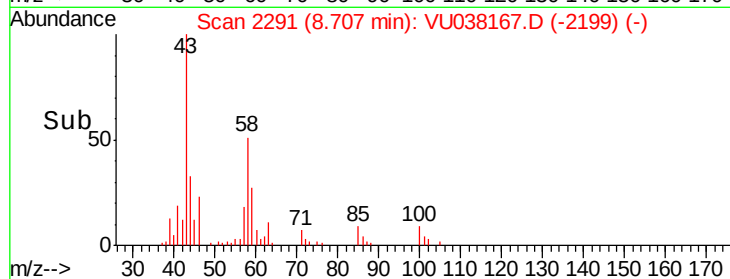
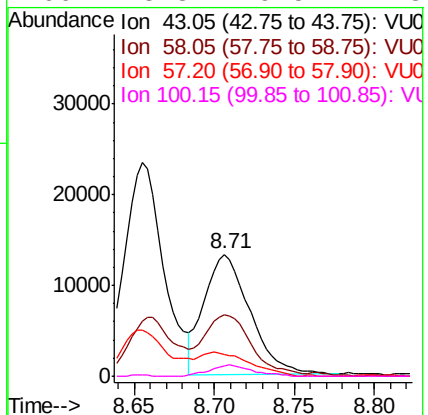
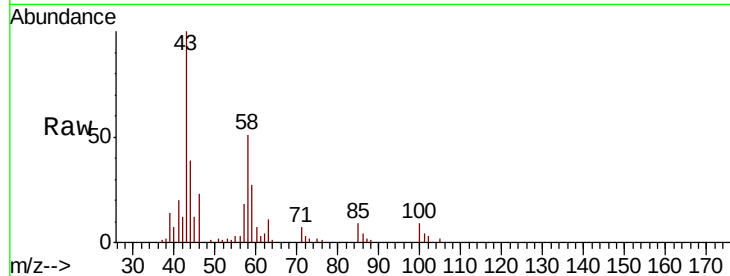




#48
2-Hexanone
Concen: 1.738 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

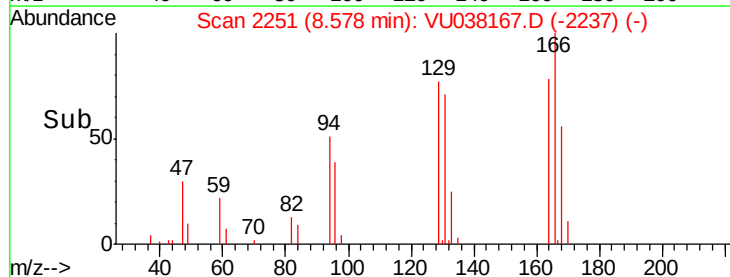
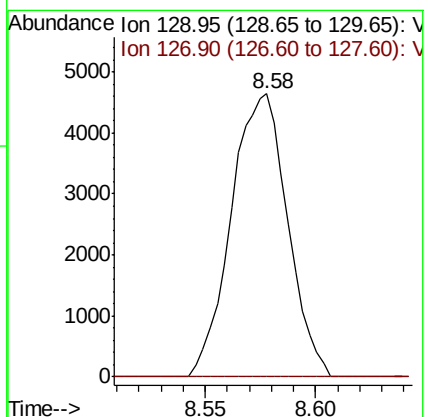
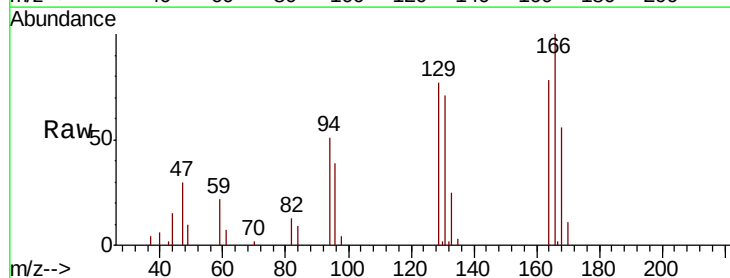
Instrument :
MSVOA_U
ClientSampleId :

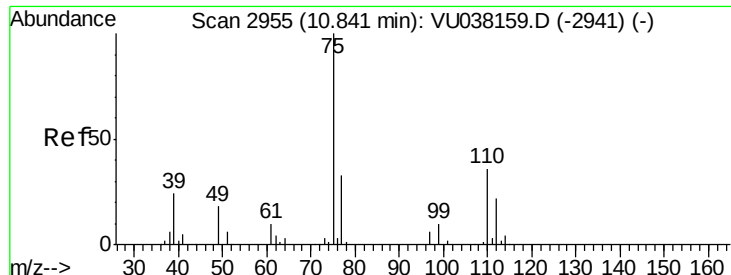
Tot Ion: 43 Resp: 25999
Ion Ratio Lower Upper
43 100
58 50.4 45.2 67.8
57 21.4 15.5 23.3
100 8.8 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.388 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.25 min
Lab File: VU038167.D
Acq: 14 May 2020 14:23

Tgt Ion: 129 Resp: 8234
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.096 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038167.D

Acq: 14 May 2020 14:23

Instrument :

MSVOA_U

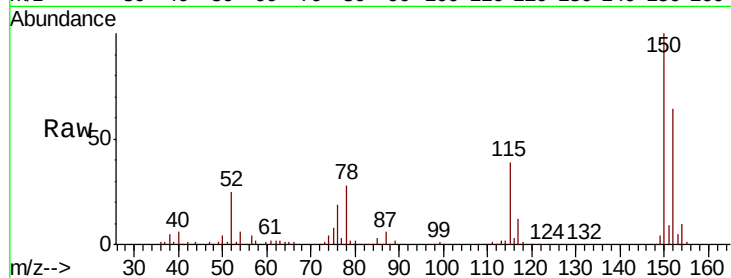
ClientSampleId :

Tot Ion: 75 Resp: 21675

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

