

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040191.D
 Acq On : 17 Sep 2020 19:05
 Operator : SY/MD
 Sample : L4063-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF6

Quant Time: Sep 18 04:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	101088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26929	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	24370	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.58	63	46110	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.66	46	114311	51.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	5.08	84	64371	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	39891	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.75	84	117321	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	39546	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	93223	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.19	79	15334	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	80357	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33591	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37347	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

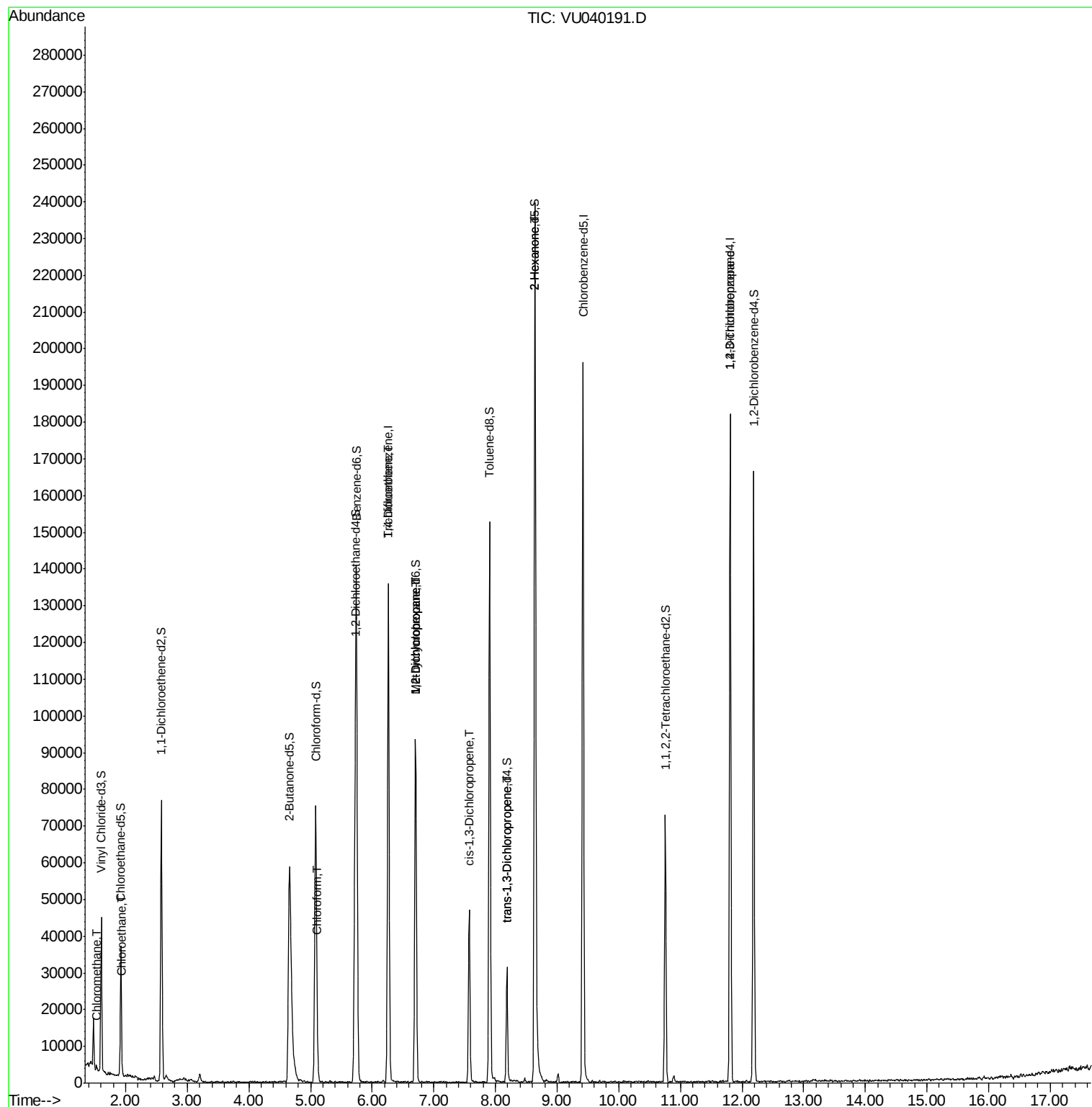
					Ovalue
3) Chloromethane	1.53	50	1093	0.114 ug/L #	77
8) Chloroethane	1.94	64	335	0.057 ug/L	85
25) Chloroform	5.11	83	3123	0.176 ug/L	93
34) Trichloroethene	6.26	95	1843	0.190 ug/L #	9
35) Methylcyclohexane	6.70	83	9422	0.635 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5222	0.534 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1284	0.089 ug/L #	83
44) trans-1,3-Dichloropropene	8.19	75	843	0.063 ug/L #	53
48) 2-Hexanone	8.64	43	13415	2.292 ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	6423	0.886 ug/L	89

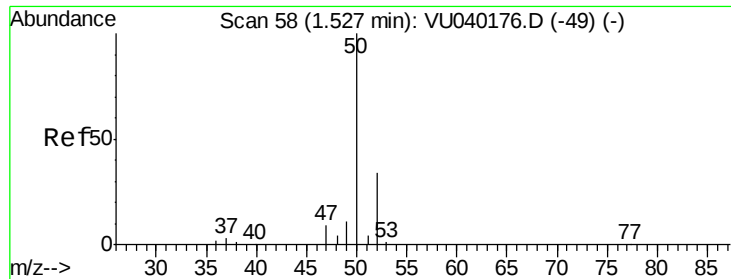
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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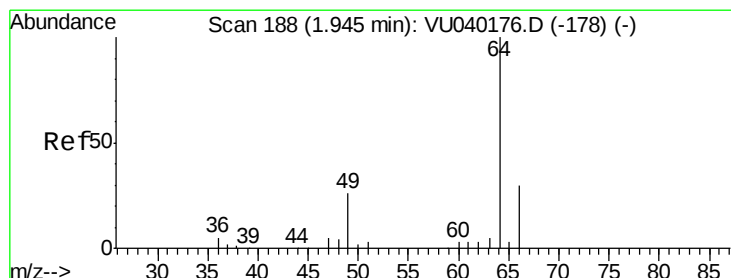
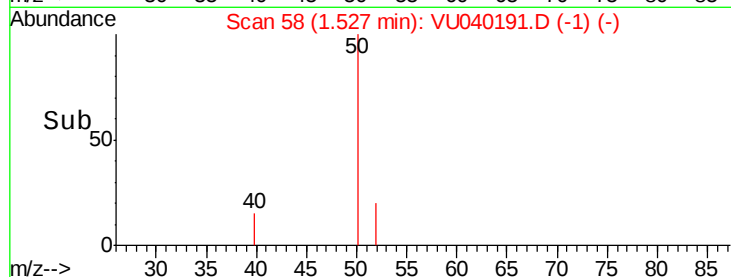
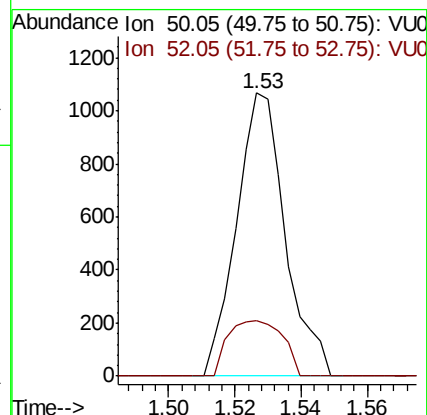
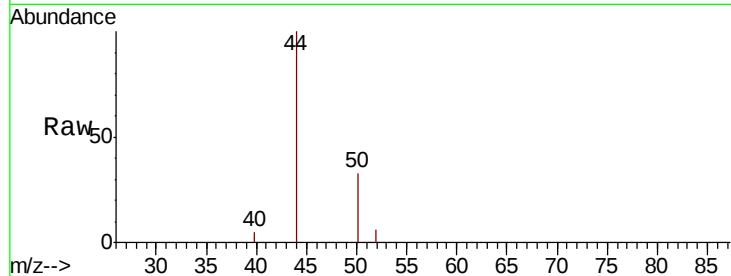




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

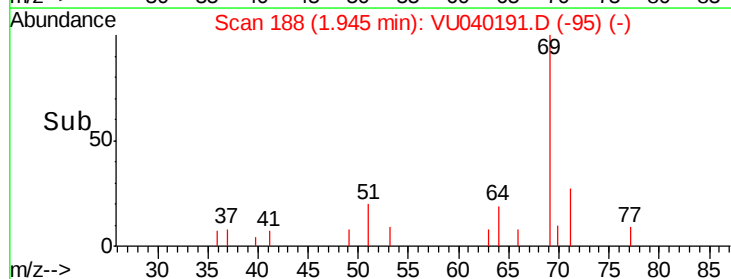
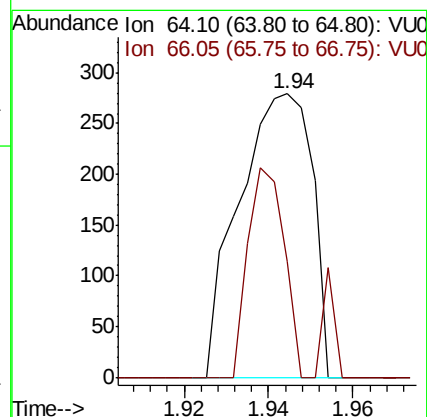
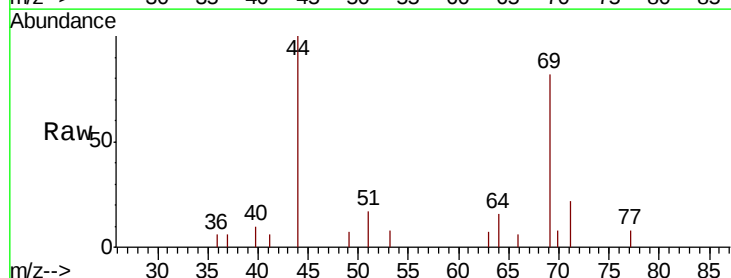
Instrument :
MSVOA_U
ClientSampleId :
C0AF6

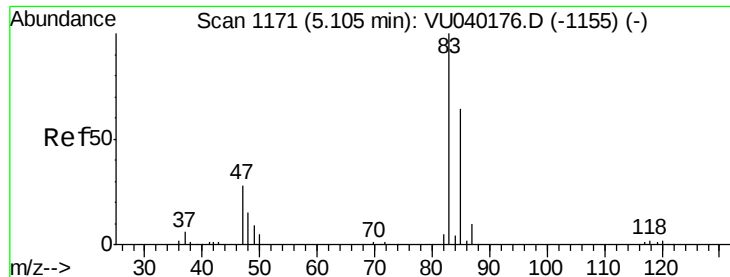
Tot Ion: 50 Resp: 1093
Ion Ratio Lower Upper
50 100
52 19.8 22.8 42.4#



#8
Chloroethane
Concen: 0.057 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 40.9 22.7 42.1

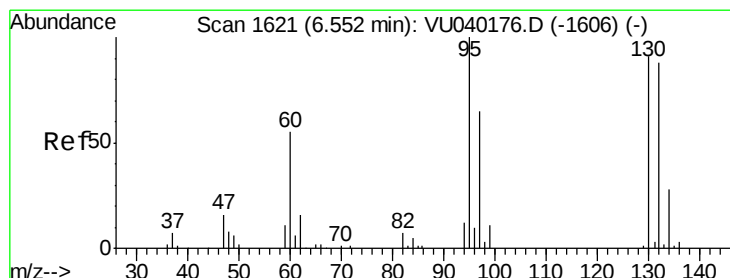
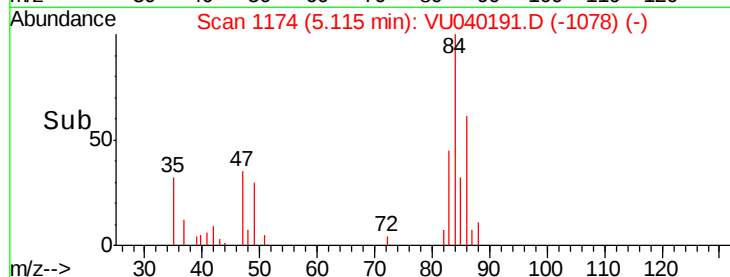
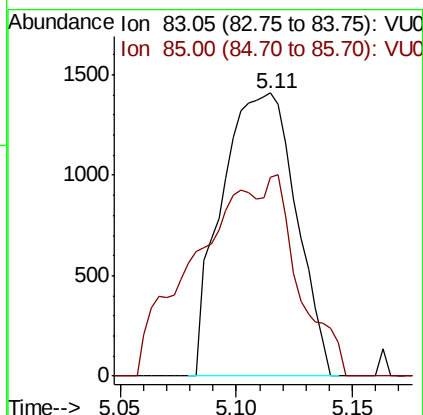
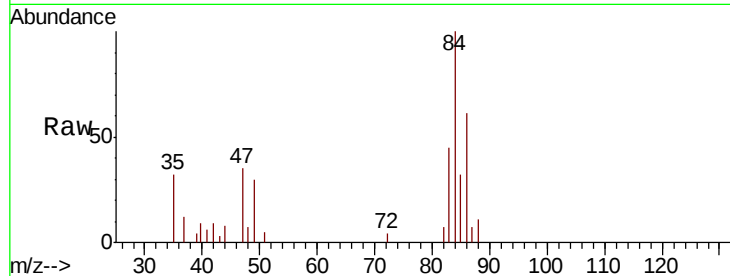




#25
Chloroform
Concen: 0.176 ug/L
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

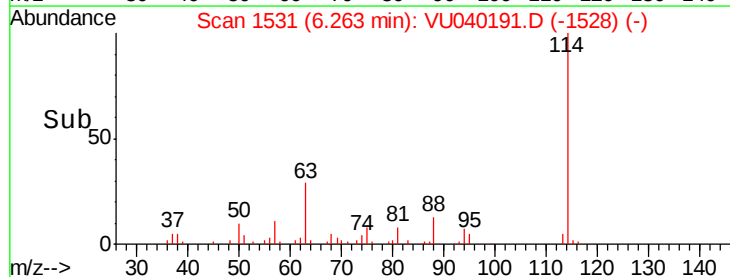
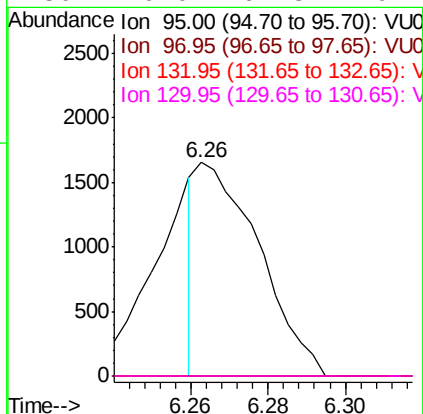
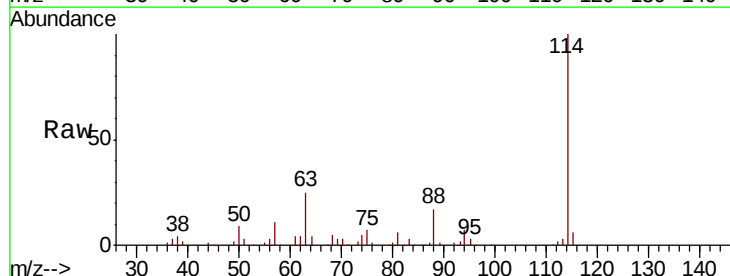
Instrument :
MSVOA_U
ClientSampleId :
C0AF6

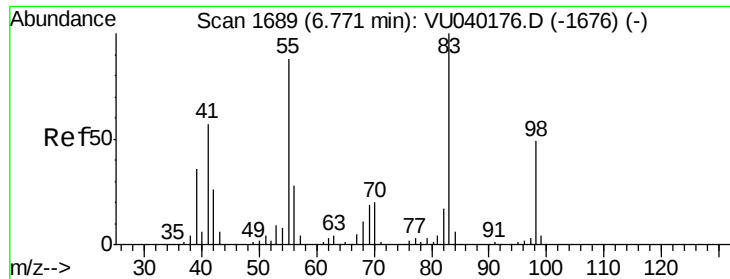
Tot Ion: 83 Resp: 3123
Ion Ratio Lower Upper
83 100
85 70.2 45.3 84.1



#34
Trichloroethene
Concen: 0.190 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

Tgt Ion: 95 Resp: 1843
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 59.4 110.4#
130 0.0 64.8 120.4#

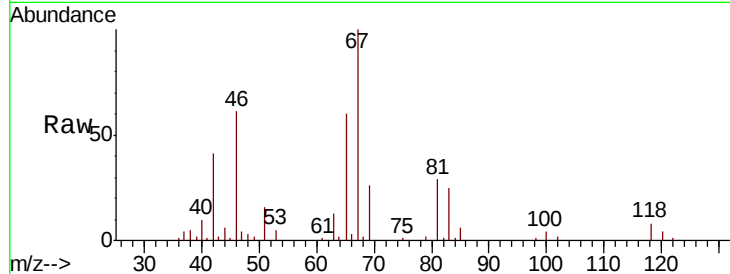




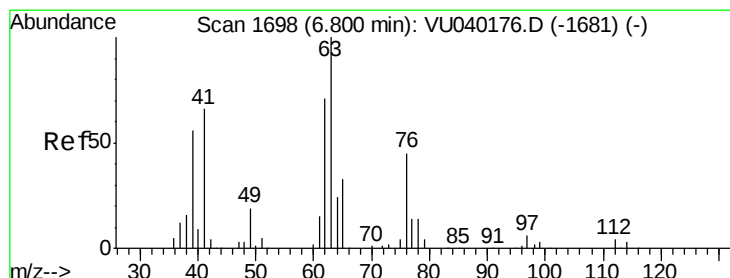
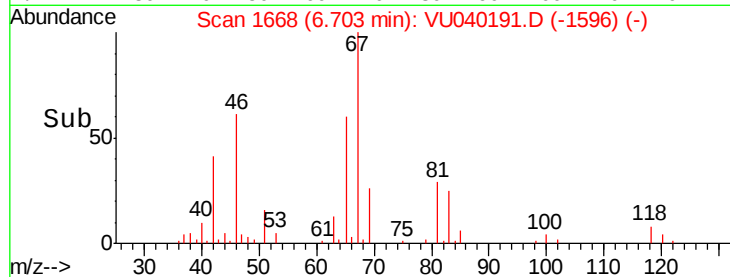
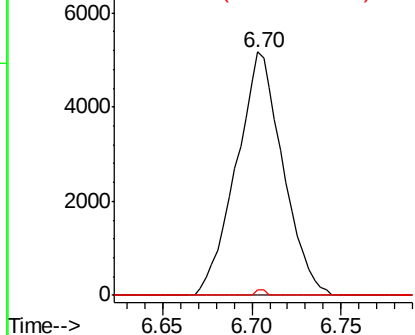
#35
Methvlcvclohexane
Concen: 0.635 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

Instrument :
MSVOA_U
ClientSampleId :
C0AF6

Tot Ion: 83 Resp: 9422
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

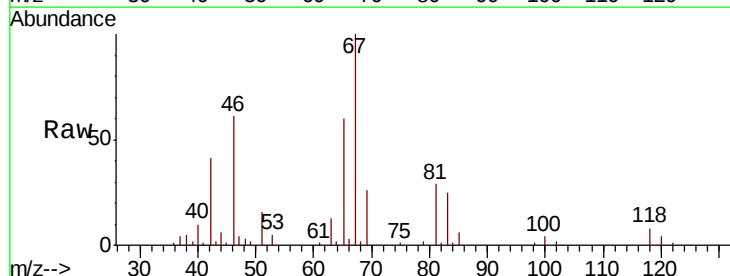


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

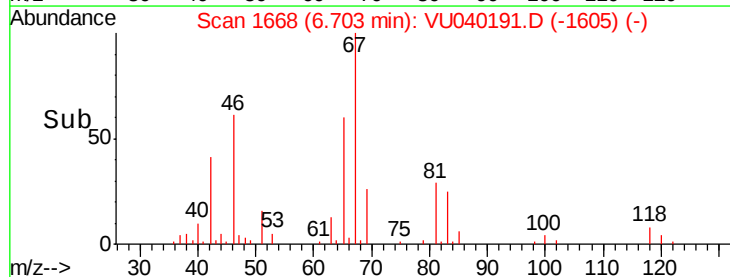
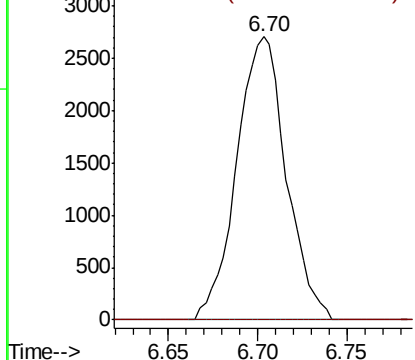


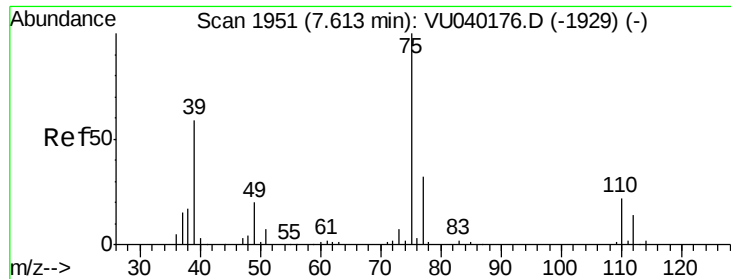
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040191.D
Acq: 17 Sep 2020 19:05

Tgt Ion: 63 Resp: 5222
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

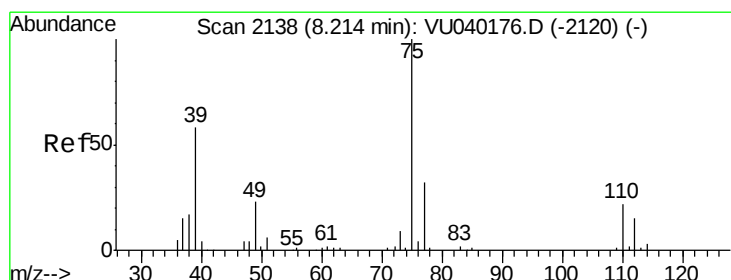
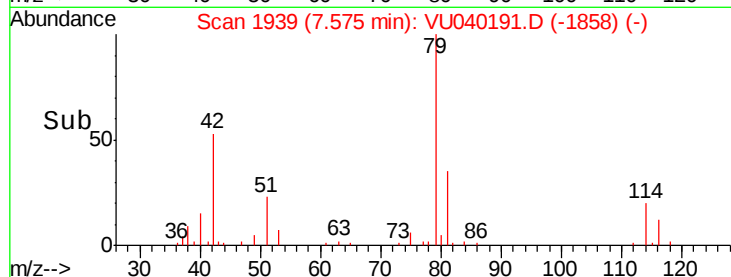
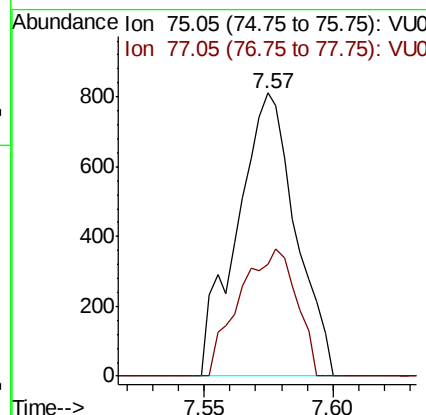
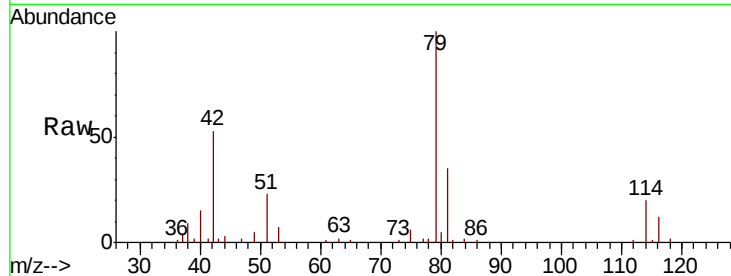




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040191.D
 Acq: 17 Sep 2020 19:05

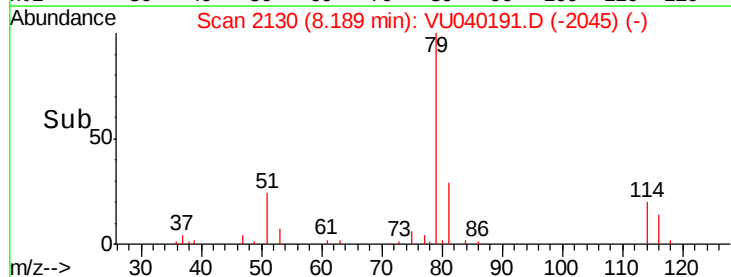
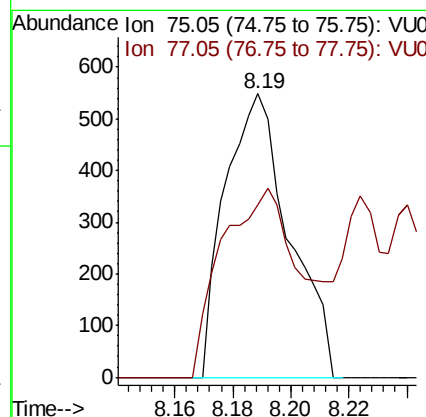
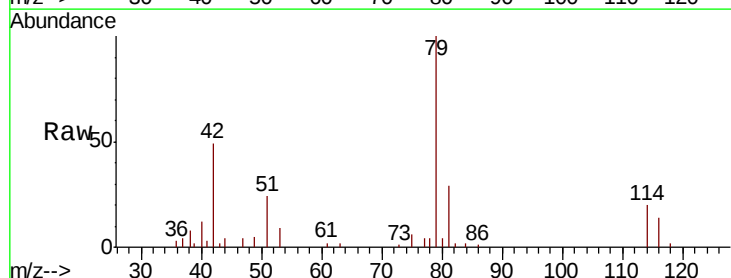
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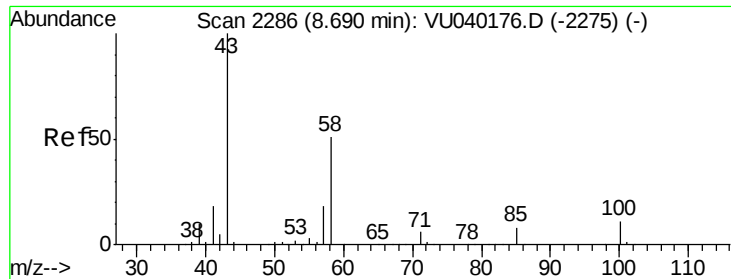
Tot Ion: 75 Resp: 1284
 Ion Ratio Lower Upper
 75 100
 77 39.3 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040191.D
 Acq: 17 Sep 2020 19:05

Tgt Ion: 75 Resp: 843
 Ion Ratio Lower Upper
 75 100
 77 60.9 23.9 44.3#

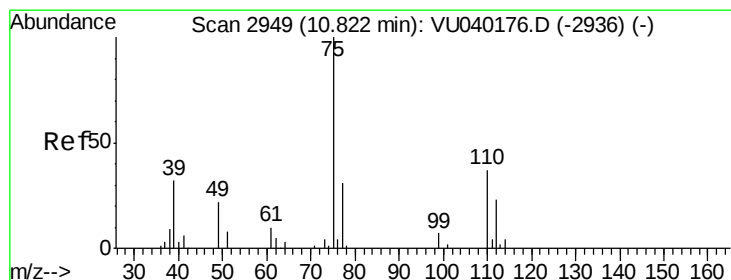
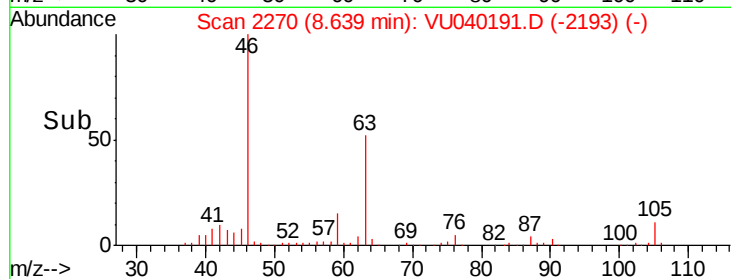
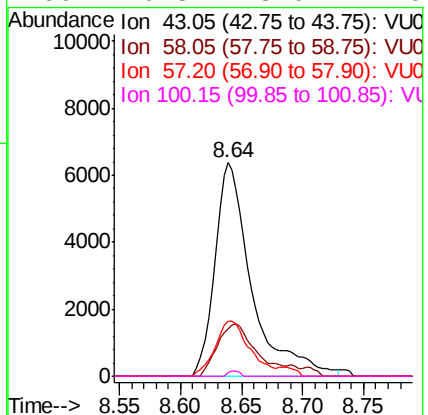
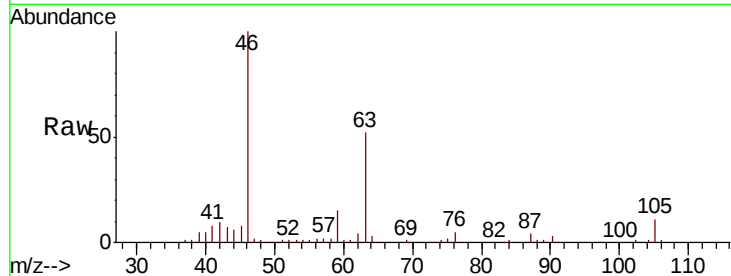




#48
 2-Hexanone
 Concen: 2.292 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040191.D
 Acq: 17 Sep 2020 19:05

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Tot Ion	Ratio	Lower	Upper
43	100		
58	28.7	39.6	59.4#
57	24.3	14.3	21.5#
100	0.8	8.0	12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.886 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040191.D
 Acq: 17 Sep 2020 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.3	24.9	37.3

