

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044510.D
 Acq On : 23 Aug 2021 19:07
 Operator : SY/MD
 Sample : M3517-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG7

Quant Time: Aug 24 06:18:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 06:16:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

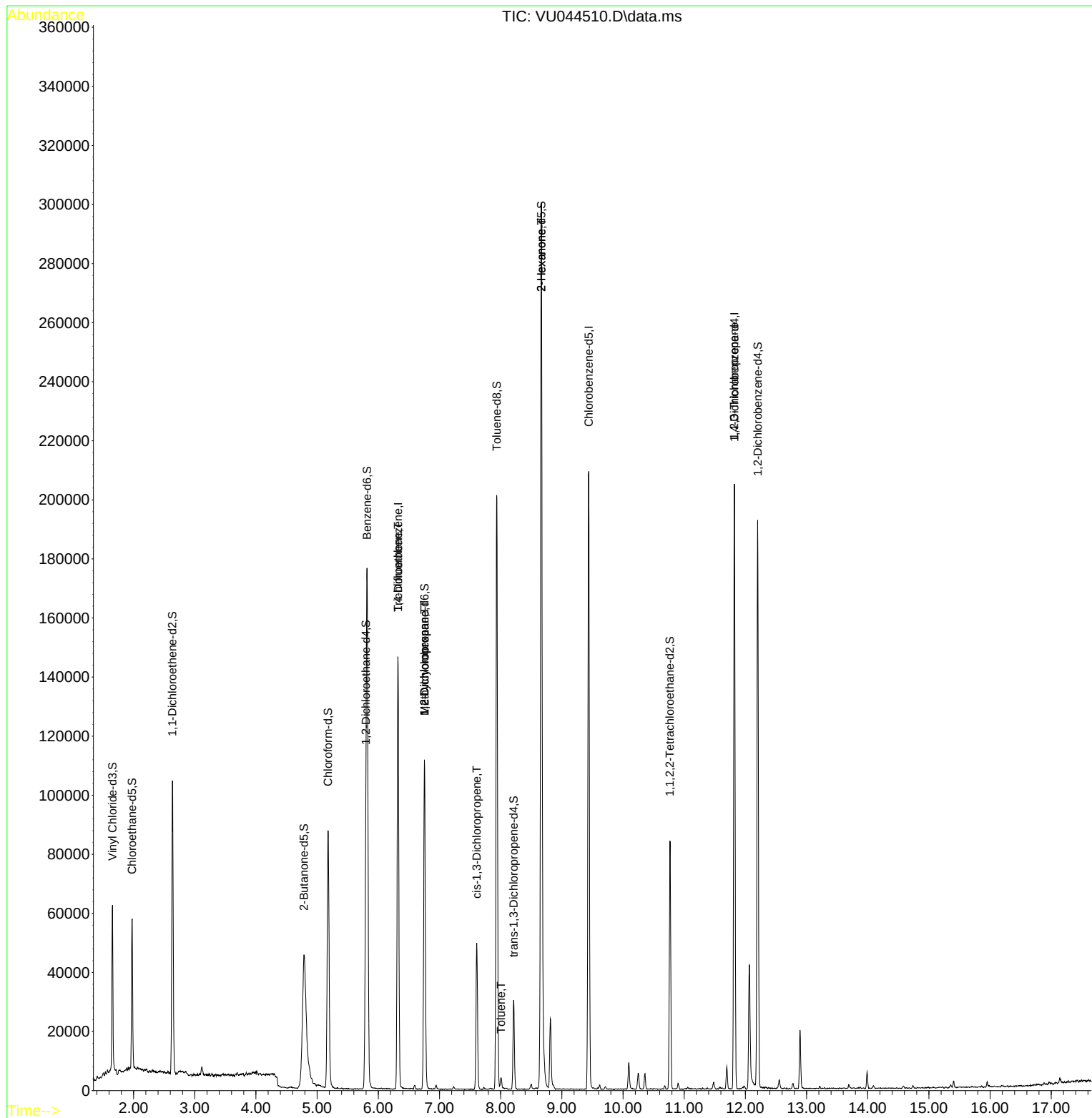
Internal Standards						
1) 1,4-Difluorobenzene	6.321	114	110986	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.439	117	109560	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.822	152	50309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.655	65	39696	4.422	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.977	69	36834	4.722	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.636	65	19341	5.065	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.784	46	132485	53.368	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	5.179	84	76602	4.826	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.796	65	43539	5.030	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.819	84	153273	4.968	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.755	67	50360	5.102	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.935	98	127416	4.658	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.214	79	15934	4.495	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.664	63	113216	59.066	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.140%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	42608	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.201	152	45400	5.341	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.321	95	3448	0.375	ug/L #	7
35) Methylcyclohexane	6.755	83	11662	0.761	ug/L #	17
37) 1,2-Dichloropropane	6.755	63	5498	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	7.610	75	1268	0.093	ug/L #	57
42) Toluene	8.009	91	2552	0.066	ug/L	84
48) 2-Hexanone	8.664	43	13785	2.923	ug/L #	66
61) 1,2,3-Trichloropropane	11.819	75	7130	1.134	ug/L #	69

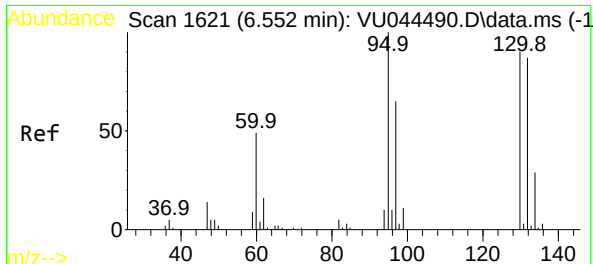
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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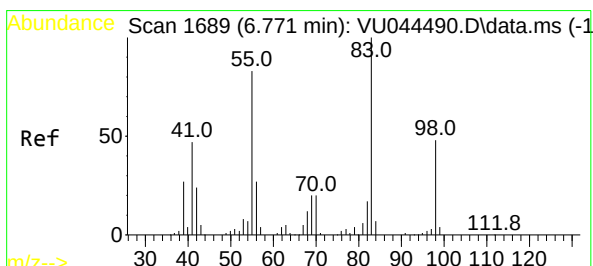
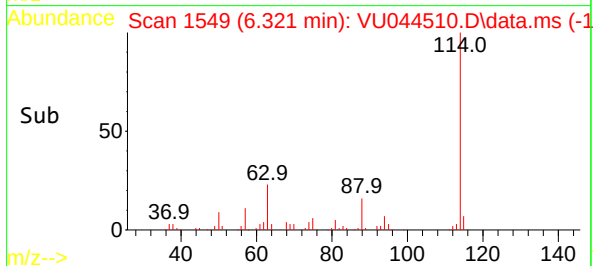
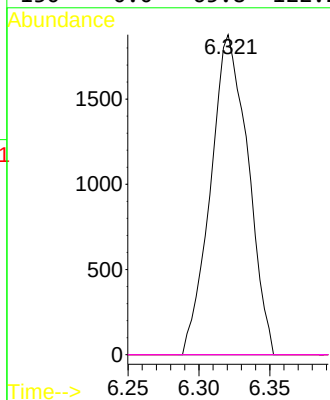
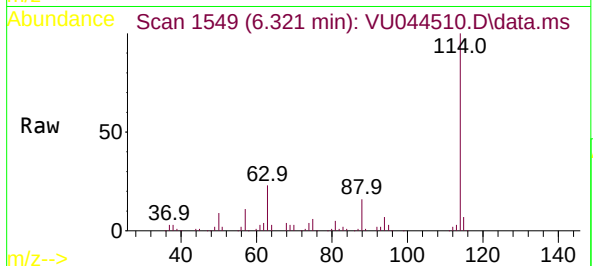




#34
Trichloroethene
Concen: 0.375 ug/L
RT: 6.321 min Scan# 1549
Delta R.T. -0.231 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

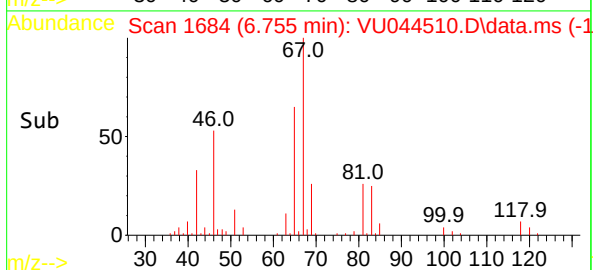
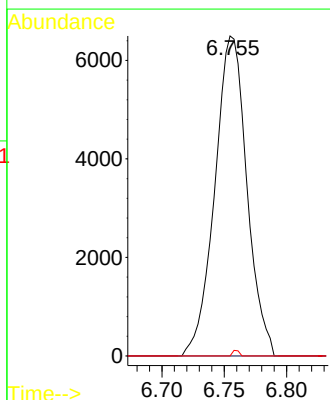
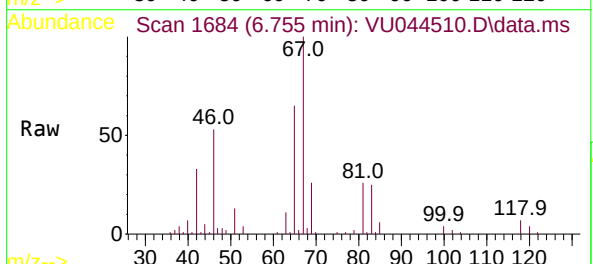
Instrument :
MSVOA_U
ClientSampled :
C0AG7

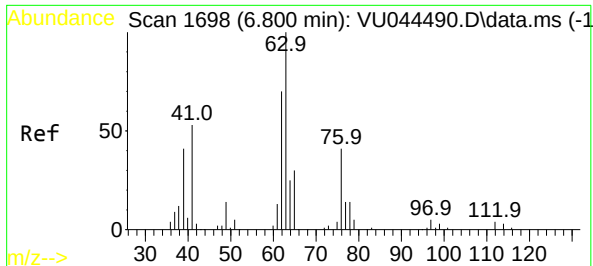
Tgt Ion: 95 Resp: 3448
Ion Ratio Lower Upper
95 100
97 0.0 45.6 84.8#
132 0.0 63.4 117.8#
130 0.0 65.8 122.2#



#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.016 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

Tgt Ion: 83 Resp: 11662
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.4 37.5 56.3#

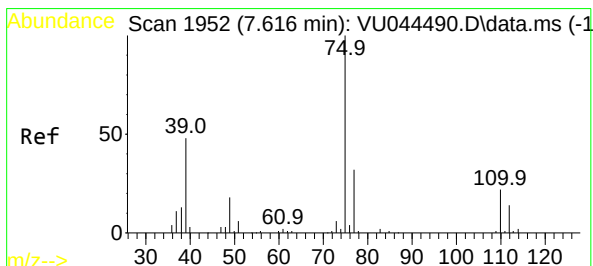
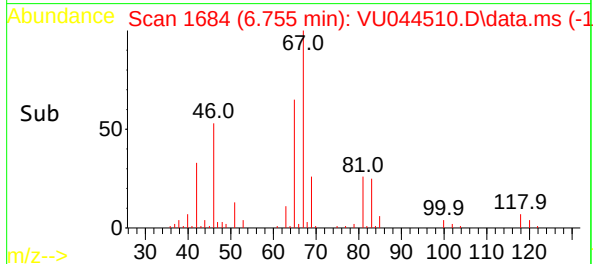
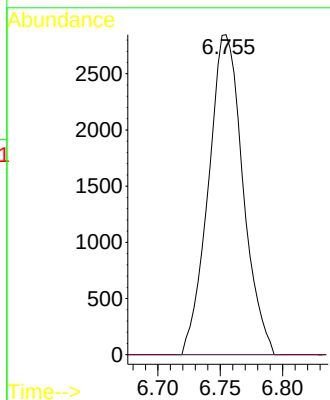
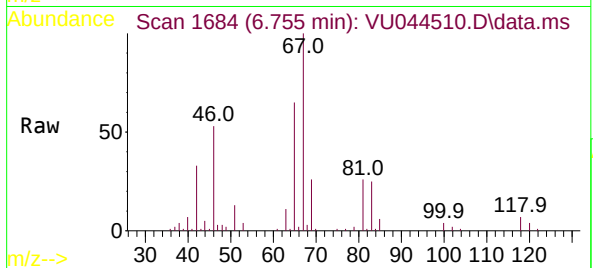




#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.045 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

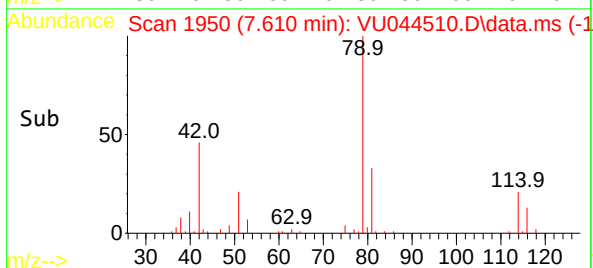
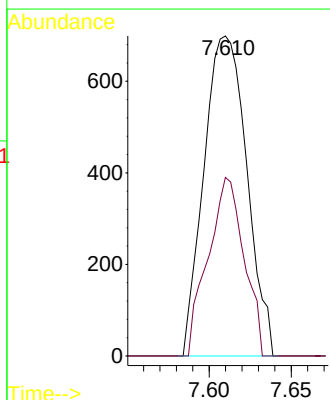
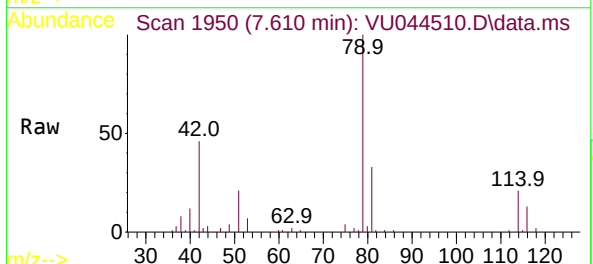
Instrument :
MSVOA_U
ClientSampleId :
C0AG7

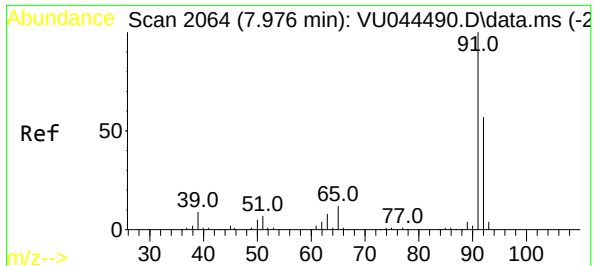
Tgt Ion: 63 Resp: 5498
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

Tgt Ion: 75 Resp: 1268
Ion Ratio Lower Upper
75 100
77 55.8 22.2 41.2#

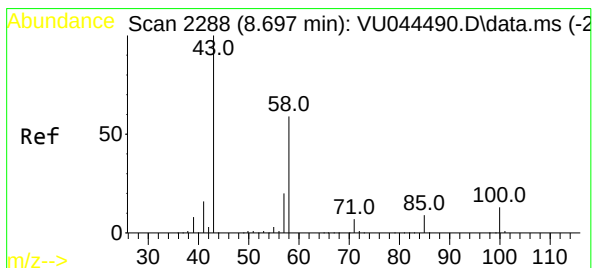
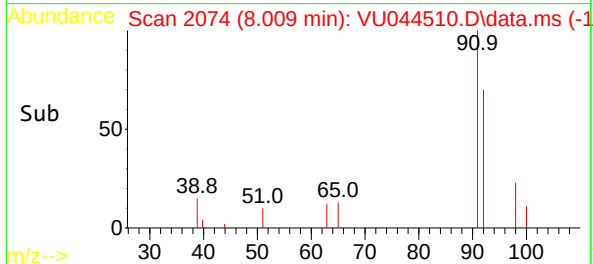
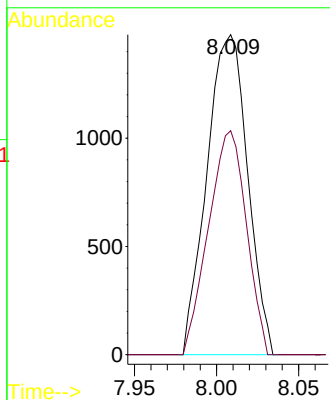
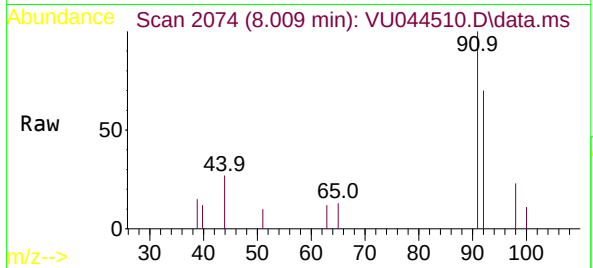




#42
Toluene
Concen: 0.066 ug/L
RT: 8.009 min Scan# 2074
Delta R.T. 0.032 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

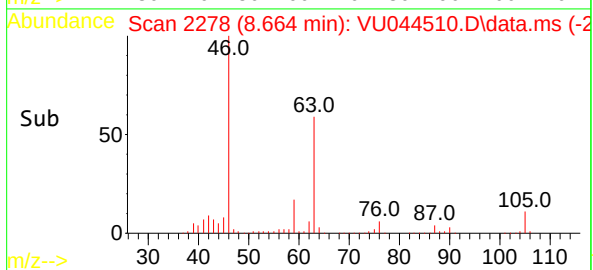
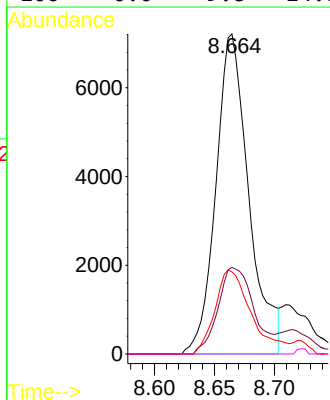
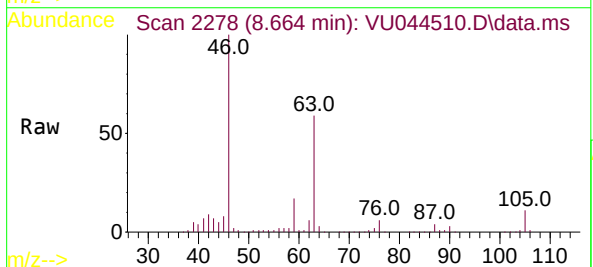
Instrument :
MSVOA_U
ClientSampleId :
C0AG7

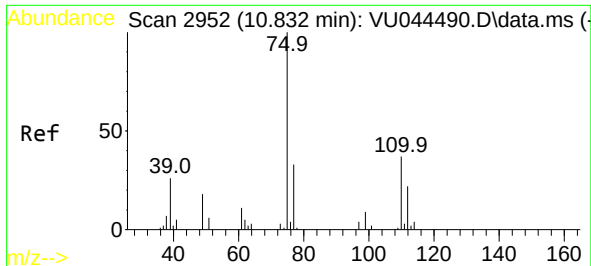
Tgt Ion: 91 Resp: 2552
Ion Ratio Lower Upper
91 100
92 70.0 40.7 75.5



#48
2-Hexanone
Concen: 2.923 ug/L
RT: 8.664 min Scan# 2278
Delta R.T. -0.032 min
Lab File: VU044510.D
Acq: 23 Aug 2021 19:07

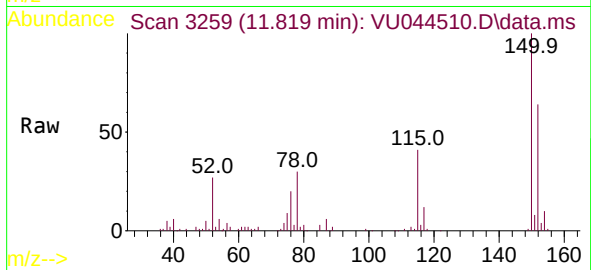
Tgt Ion: 43 Resp: 13785
Ion Ratio Lower Upper
43 100
58 29.4 46.5 69.7#
57 29.0 15.8 23.8#
100 0.0 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU044510.D
 Acq: 23 Aug 2021 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG7



Tgt Ion: 75 Resp: 7130
 Ion Ratio Lower Upper
 75 100
 110 0.3 28.4 42.6#
 77 33.0 26.5 39.7

