

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044714.D
 Acq On : 20 Sep 2021 17:16
 Operator : SY/MD
 Sample : M3789-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE2

Quant Time: Sep 21 02:50:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

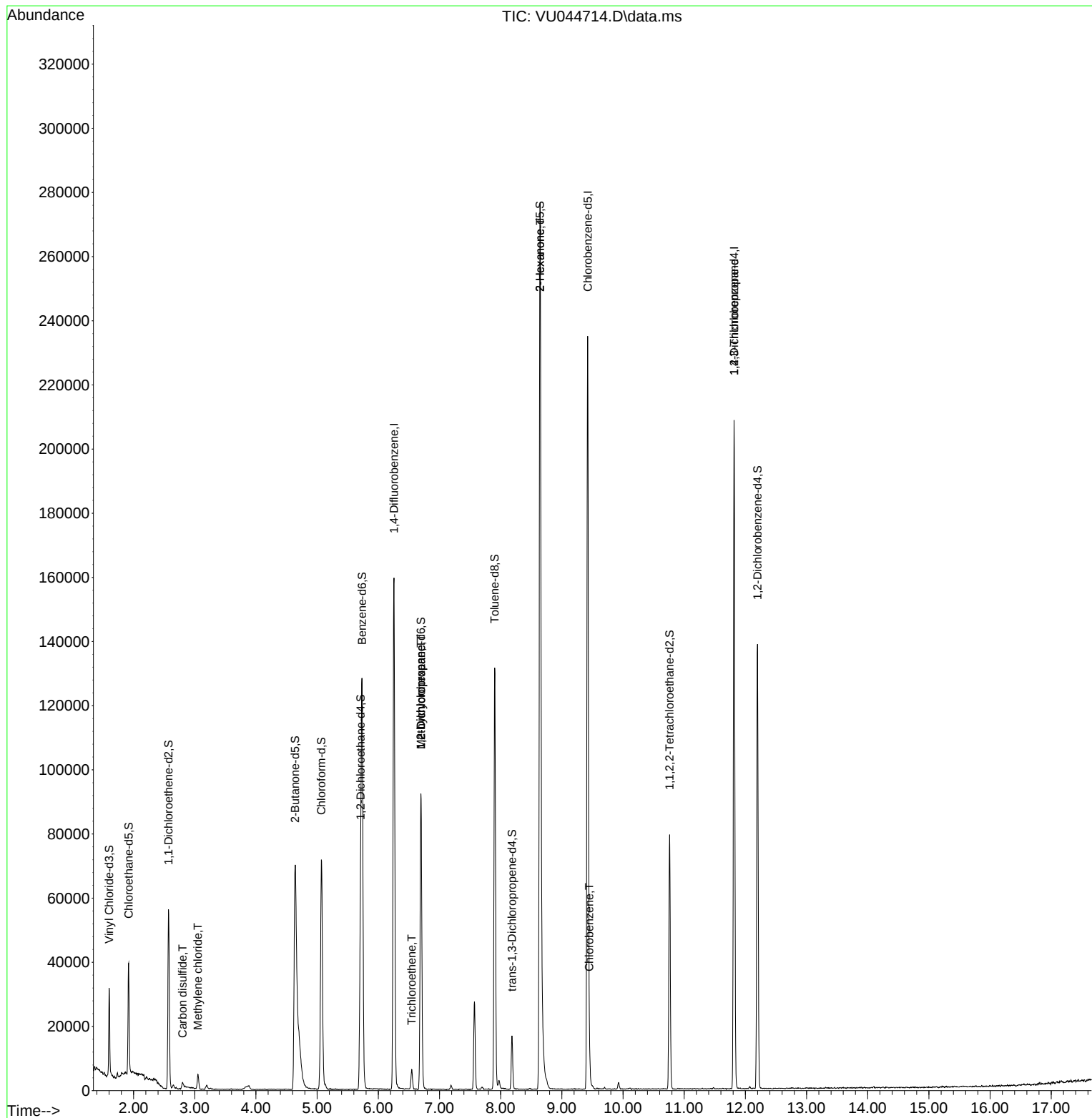
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	120570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	50327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18447	2.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.800%
7) Chloroethane-d5	1.919	69	25021	3.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.572	65	10857	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	4.639	46	153428	51.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.070	84	63712	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.710	65	38727	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.735	84	113311	3.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.697	67	42920	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.903	98	83595	3.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	8.186	79	9298	2.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.800%#
46) 2-Hexanone-d5	8.642	63	108217	46.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39892	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	32799	3.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.800	76	1602	0.065	ug/L	95
16) Methylene chloride	3.051	84	2019	0.164	ug/L	96
34) Trichloroethene	6.546	95	1908	0.214	ug/L	96
35) Methylcyclohexane	6.697	83	9803	0.669	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4980	0.516	ug/L #	88
48) 2-Hexanone	8.645	43	13959	2.495	ug/L #	71
51) Chlorobenzene	9.449	112	4138	0.177	ug/L	98
61) 1,2,3-Trichloropropane	11.816	75	7272	1.308	ug/L #	68

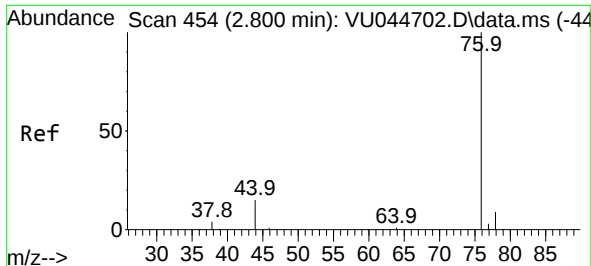
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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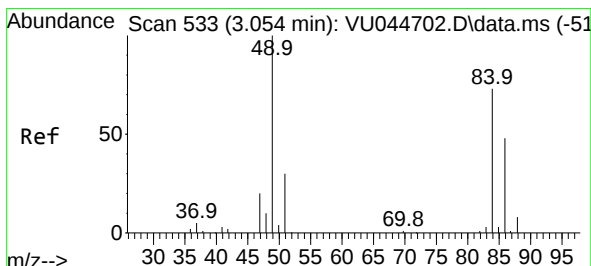
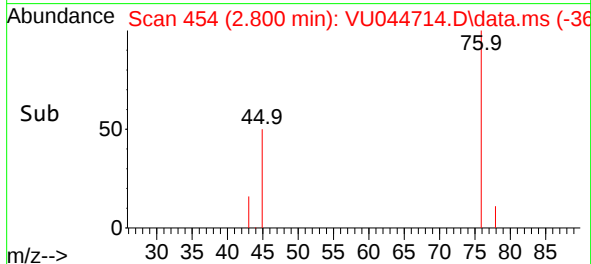
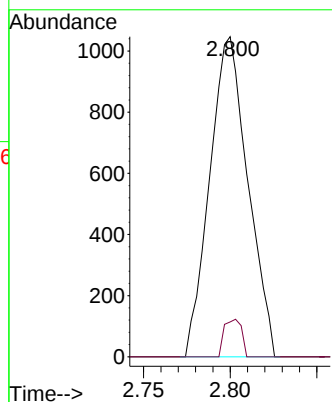
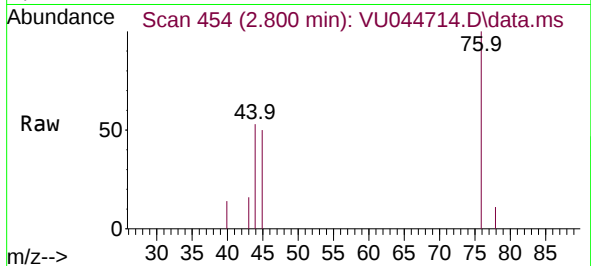




#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

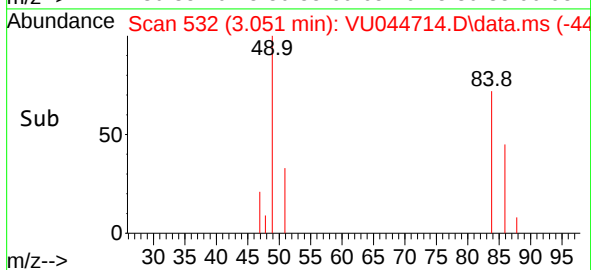
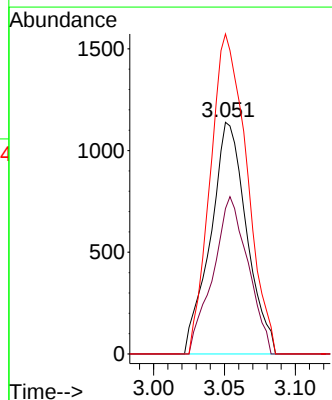
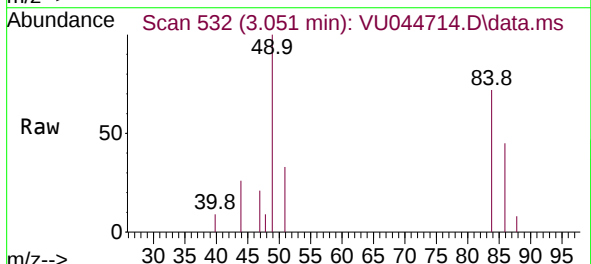
Instrument :
MSVOA_U
ClientSampleId :
C0CE2

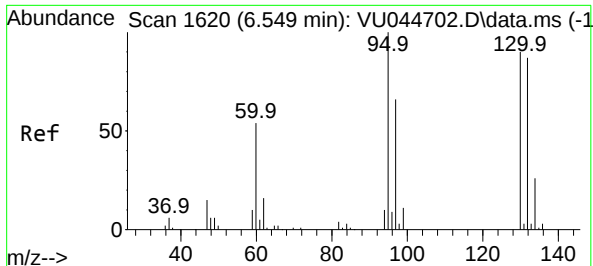
Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#16
Methylene chloride
Concen: 0.164 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Tgt Ion: 84 Resp: 2019
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 138.1 92.9 172.5



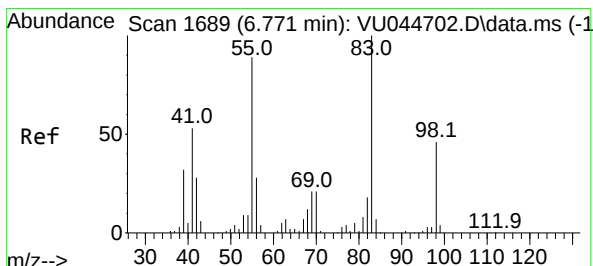
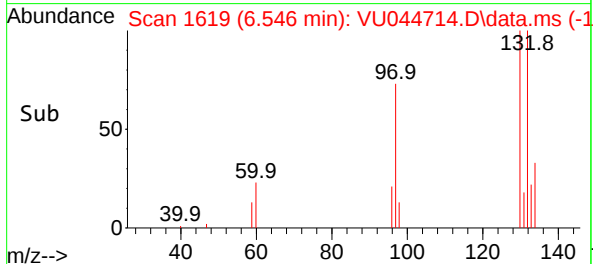
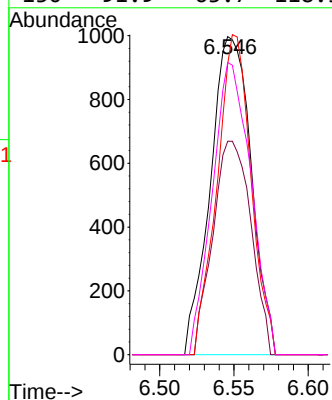
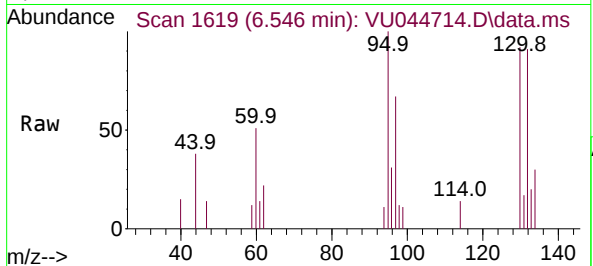


#34
Trichloroethene
Concen: 0.214 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Instrument :
MSVOA_U
ClientSampled :
C0CE2

Tgt Ion: 95 Resp: 1908

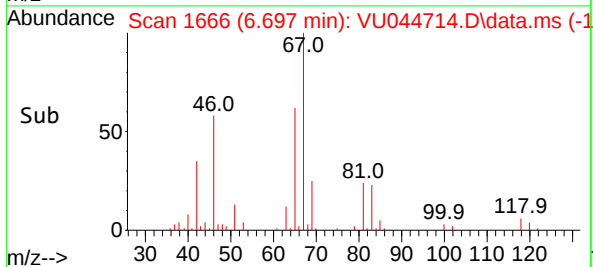
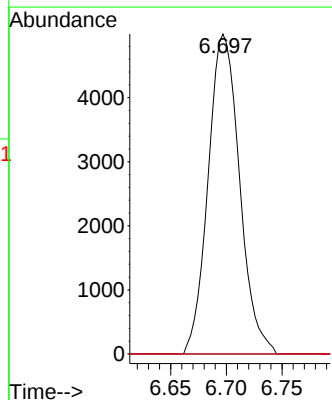
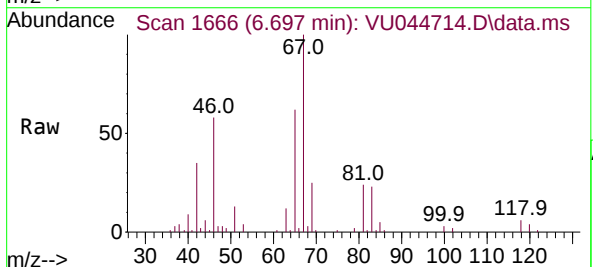
Ion	Ratio	Lower	Upper
95	100		
97	67.1	44.7	82.9
132	91.5	60.3	111.9
130	91.9	63.7	118.3

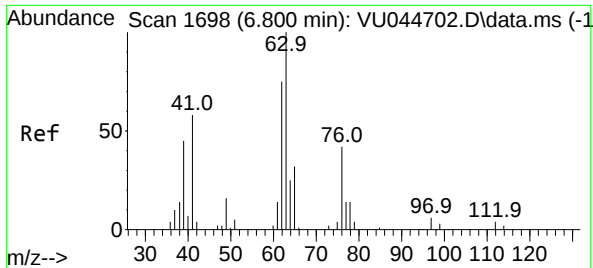


#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Tgt Ion: 83 Resp: 9803

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.4	37.3	55.9#



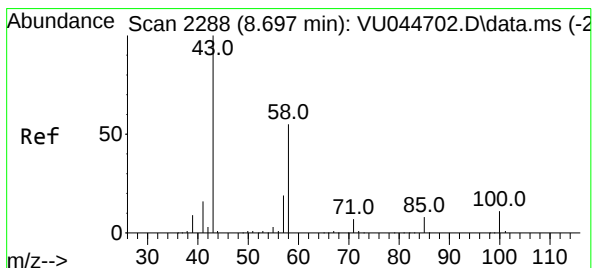
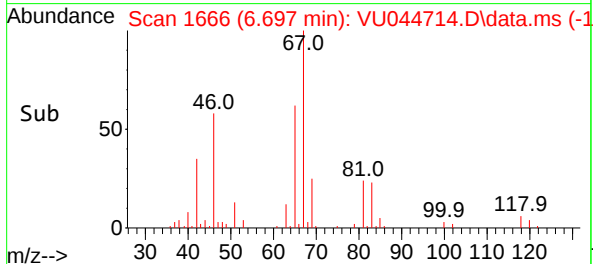
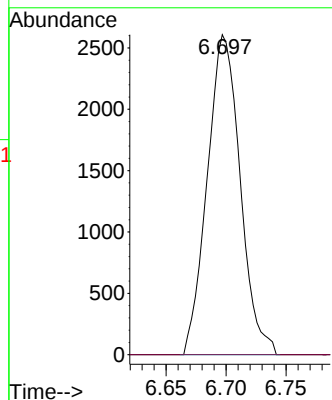
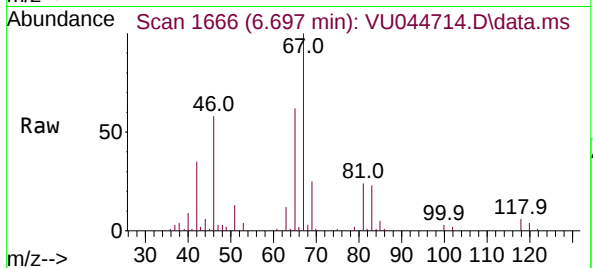


#37

1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Instrument :
MSVOA_U
ClientSampled :
C0CE2

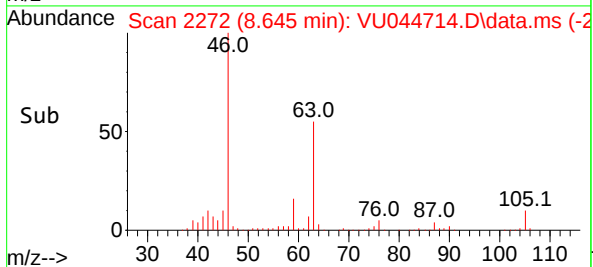
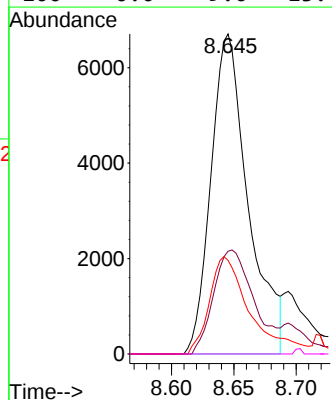
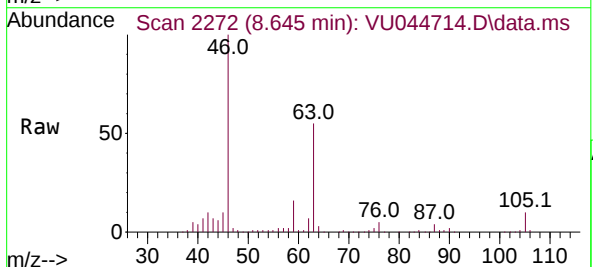
Tgt Ion: 63 Resp: 4980
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

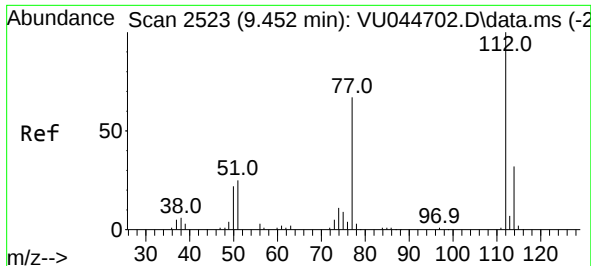


#48

2-Hexanone
Concen: 2.495 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Tgt Ion: 43 Resp: 13959
Ion Ratio Lower Upper
43 100
58 35.4 44.6 66.8#
57 33.1 14.8 22.2#
100 0.0 9.0 13.4#

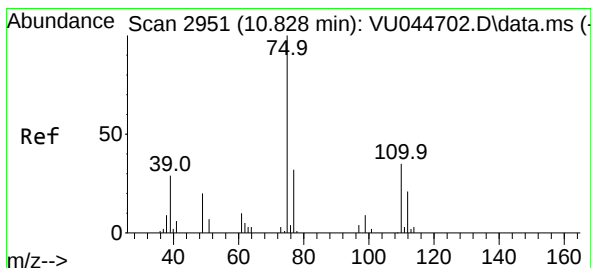
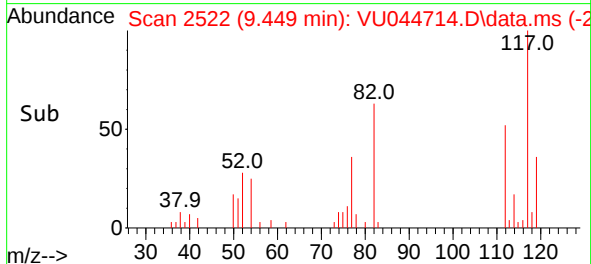
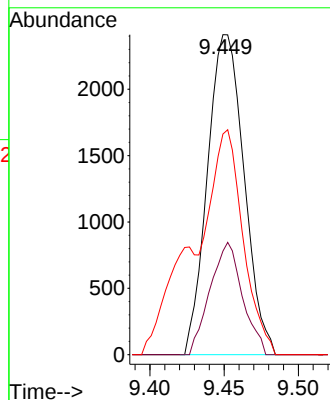
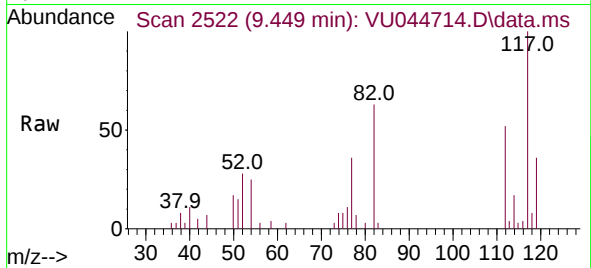




#51
Chlorobenzene
Concen: 0.177 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Instrument :
MSVOA_U
ClientSampleId :
C0CE2

Tgt Ion:	112	Resp:	4138
Ion Ratio	Lower	Upper	
112	100		
114	29.9	22.8	42.4
77	63.8	51.4	77.0



#61
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044714.D
Acq: 20 Sep 2021 17:16

Tgt Ion:	75	Resp:	7272
Ion Ratio	Lower	Upper	
75	100		
110	0.9	28.8	43.2#
77	31.4	25.9	38.9

