

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054504.D
 Acq On : 13 Jun 2023 12:27
 Operator : MD/SY
 Sample : 03104-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ6DL

Quant Time: Jun 14 00:07:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

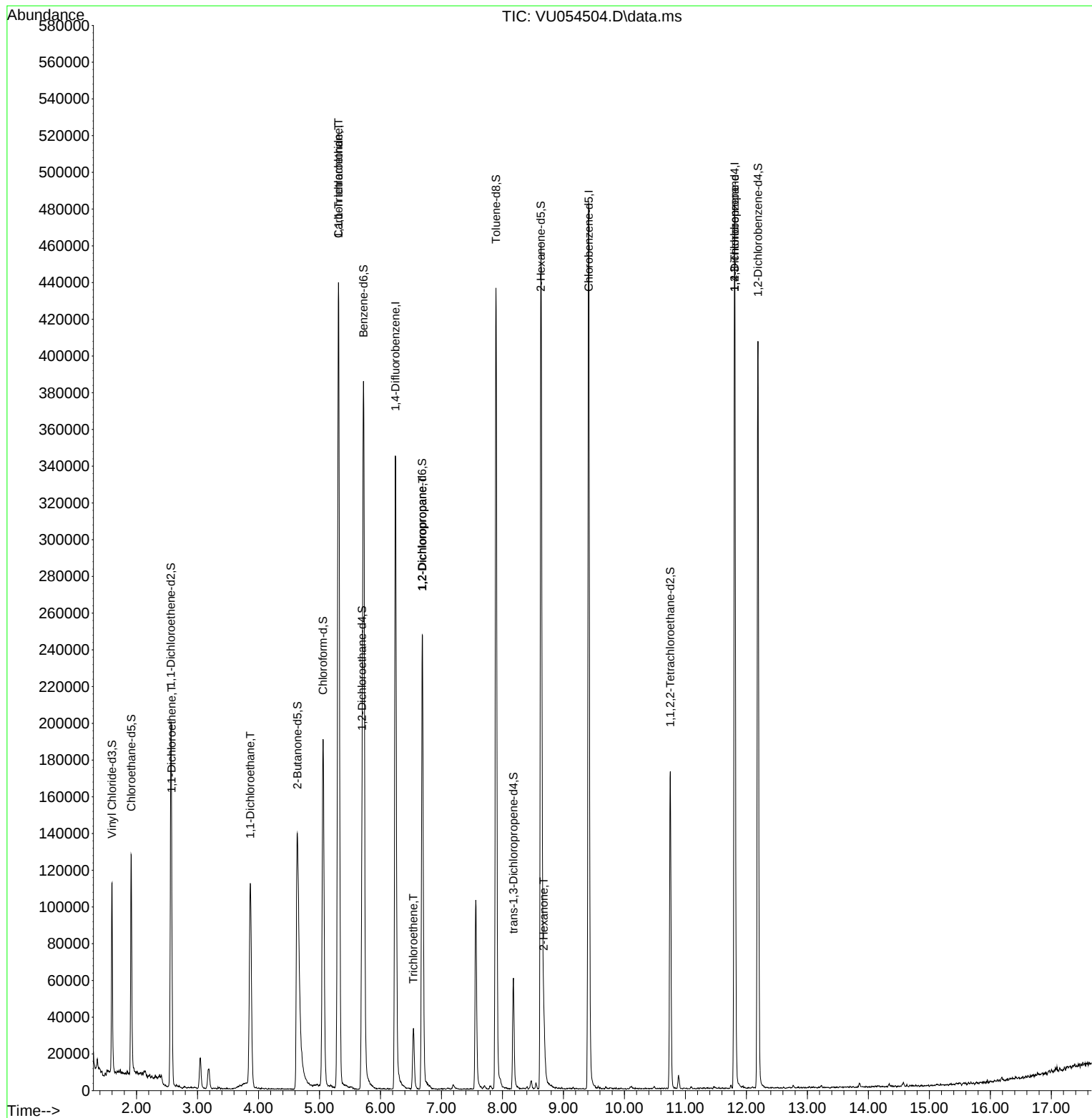
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	286882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	277809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78272	4.287	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.914	69	89485	5.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2	2.563	65	35372	4.338	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.637	46	256839	50.034	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.060%	
24) Chloroform-d	5.058	84	184099	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.698	65	92490	4.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.724	84	368705	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.685	67	127960	4.962	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.894	98	299035	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	8.180	79	36743	4.097	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.630	63	162214	43.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.220%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90237	4.692	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	110071	4.942	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	10397	0.500	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	136731	3.075	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	323076	8.576	ug/L	99
31) Carbon tetrachloride	5.312	117	41501	1.279	ug/L	97
34) Trichloroethene	6.541	95	11875	0.450	ug/L	88
37) 1,2-Dichloropropane	6.688	63	13402	0.496	ug/L #	89
48) 2-Hexanone	8.676	43	14060	1.310	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	15988	1.198	ug/L #	70

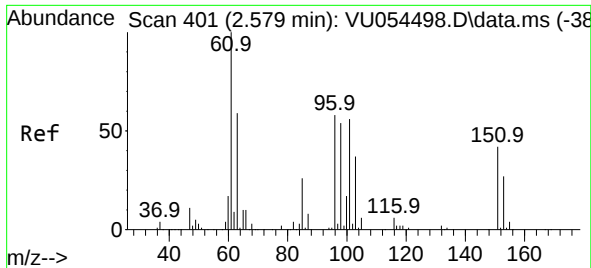
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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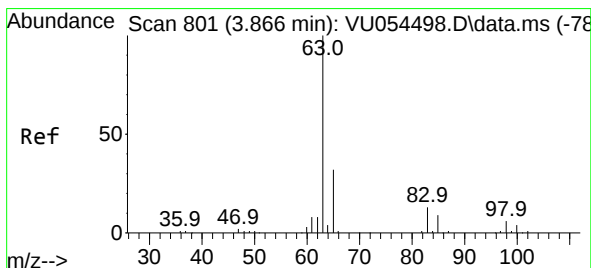
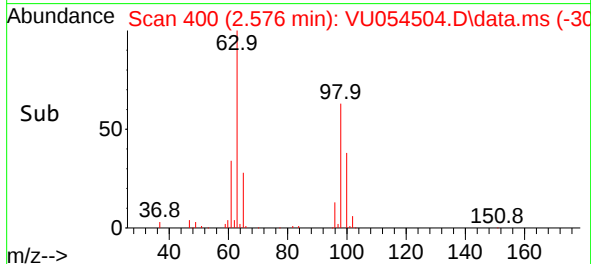
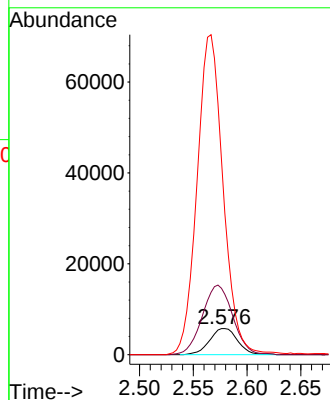
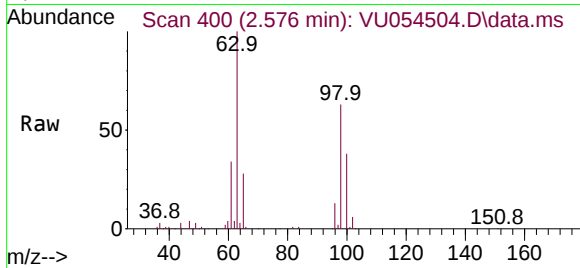




#12
 1,1-Dichloroethene
 Concen: 0.500 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU054504.D
 Acq: 13 Jun 2023 12:27

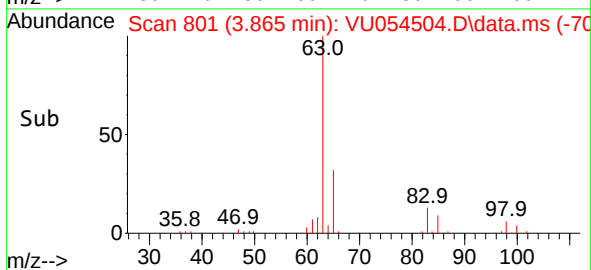
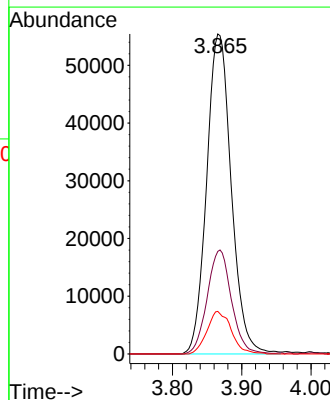
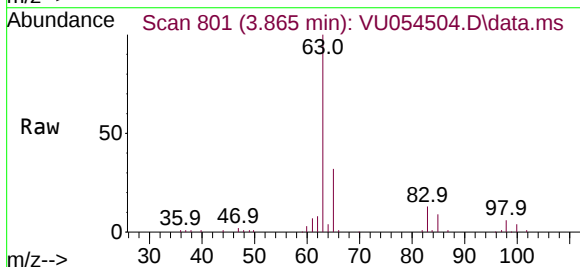
Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ6DL

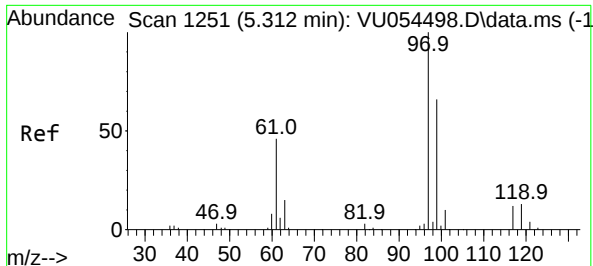
Tgt Ion: 96 Resp: 10397
 Ion Ratio Lower Upper
 96 100
 61 254.1 119.9 222.7#
 63 746.5 64.3 119.3#



#19
 1,1-Dichloroethane
 Concen: 3.075 ug/L
 RT: 3.865 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: VU054504.D
 Acq: 13 Jun 2023 12:27

Tgt Ion: 63 Resp: 136731
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.2 41.2
 83 13.3 9.0 16.6

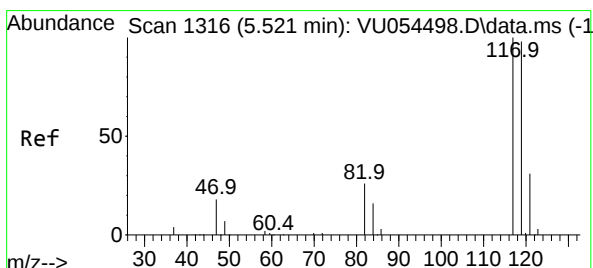
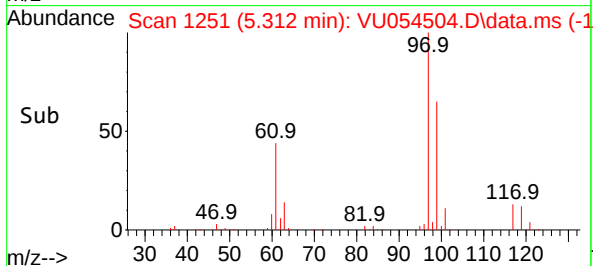
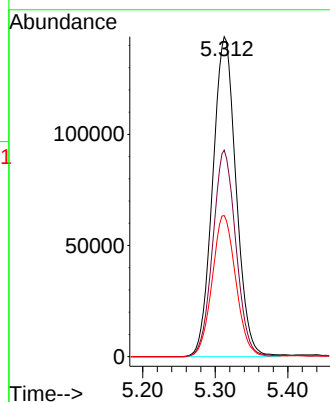
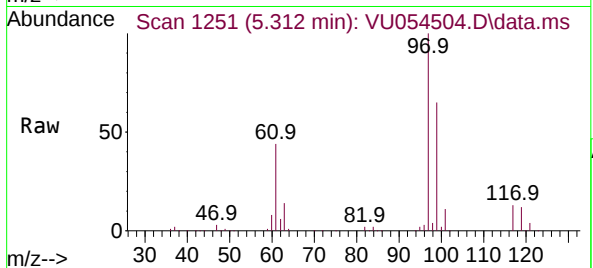




#29
1,1,1-Trichloroethane
Concen: 8.576 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

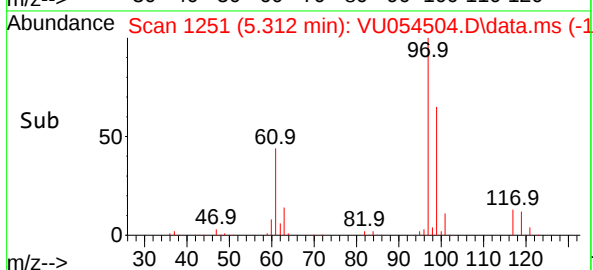
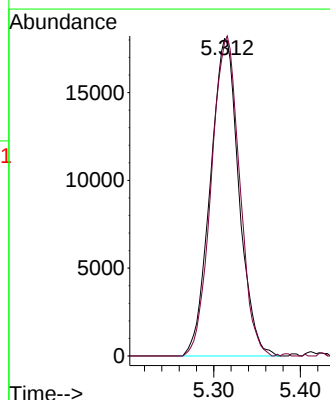
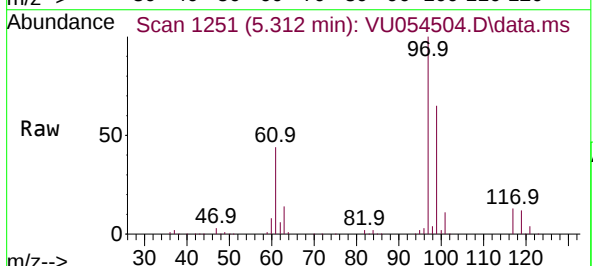
Instrument :
MSVOA_U
ClientSampleId :
CONQ6DL

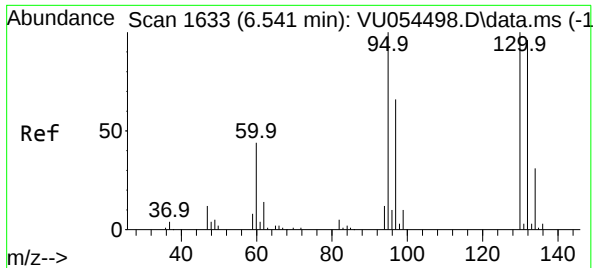
Tgt Ion: 97 Resp: 323076
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 44.5 36.1 54.1



#31
Carbon tetrachloride
Concen: 1.279 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.209 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

Tgt Ion: 117 Resp: 41501
Ion Ratio Lower Upper
117 100
119 99.1 76.8 115.2



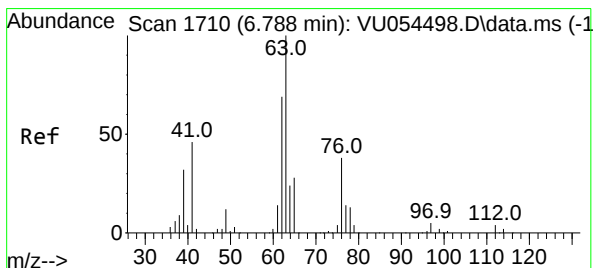
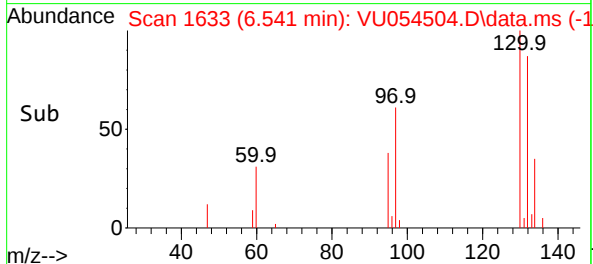
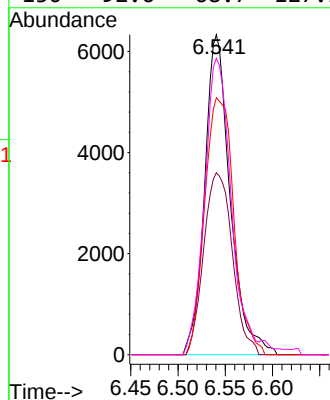
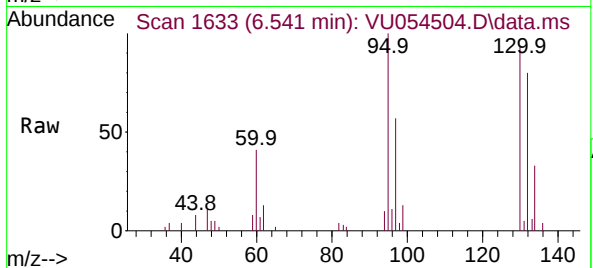


#34
Trichloroethene
Concen: 0.450 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :
CONQ6DL

Tgt Ion: 95 Resp: 11875

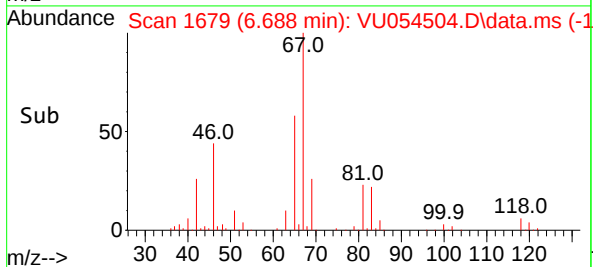
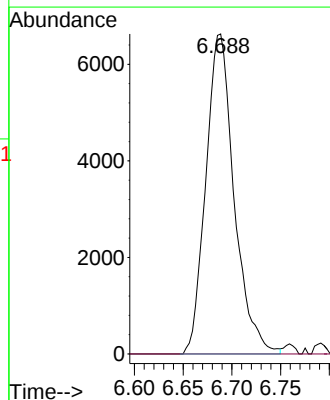
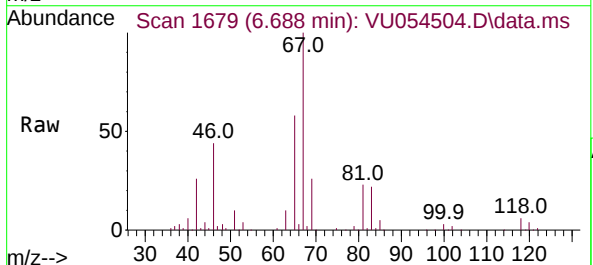
Ion	Ratio	Lower	Upper
95	100		
97	56.8	46.8	87.0
132	80.3	68.4	127.0
130	92.6	68.7	127.5

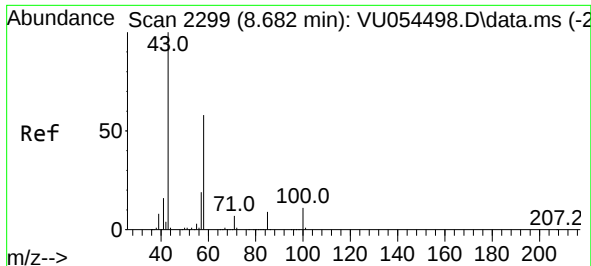


#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

Tgt Ion: 63 Resp: 13402

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.0	4.6#

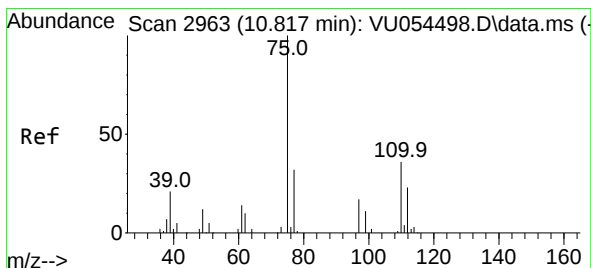
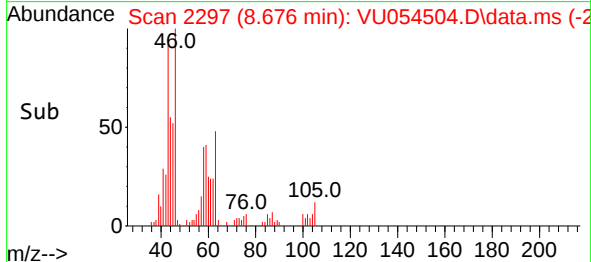
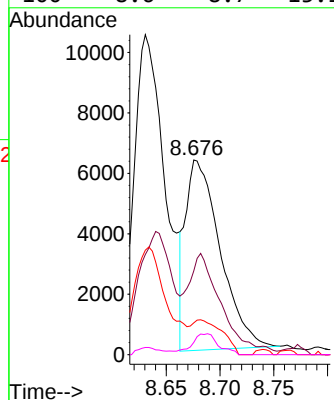
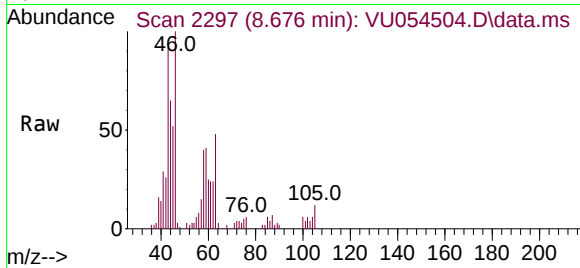




#48
2-Hexanone
Concen: 1.310 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :
CONQ6DL

Tgt Ion:	43	Resp:	14060
Ion	Ratio	Lower	Upper
43	100		
58	52.1	45.2	67.8
57	15.1	15.8	23.6#
100	8.6	8.7	13.1#



#61
1,2,3-Trichloropropane
Concen: 1.198 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054504.D
Acq: 13 Jun 2023 12:27

Tgt Ion:	75	Resp:	15988
Ion	Ratio	Lower	Upper
75	100		
110	3.3	28.0	42.0#
77	33.1	25.4	38.2

