

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052054.D
 Acq On : 22 Nov 2022 21:08
 Operator : JC/MD
 Sample : N5684-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

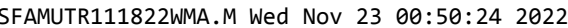
Quant Time: Nov 23 00:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

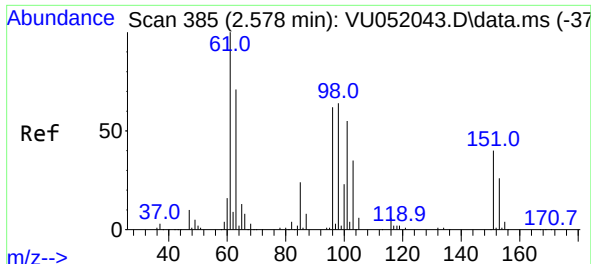
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94026	4.769	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.912	69	80192	5.236	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.565	65	33774	4.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.623	46	198860	55.641	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.280%	
24) Chloroform-d	5.060	84	154235	5.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.700	65	79506	5.433	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.726	84	313059	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.687	67	102798	5.401	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.896	98	230001	4.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	8.179	79	27938	4.028	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.632	63	144136	49.038	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.080%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83623	5.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75826	5.439	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1336	0.090	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	2827	0.192	ug/L #	1
15) Methyl Acetate	3.183	43	1367	0.217	ug/L #	57
16) Methylene chloride	3.044	84	28363	1.426	ug/L	99
19) 1,1-Dichloroethane	3.867	63	4560	0.161	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	4666	0.282	ug/L	92
34) Trichloroethene	6.539	95	126298	7.511	ug/L	99
35) Methylcyclohexane	6.687	83	22665	0.937	ug/L #	20
47) Tetrachloroethene	8.552	164	26859	2.084	ug/L	99
49) Dibromochloromethane	8.552	129	26559	1.808	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8662	1.039	ug/L #	67

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

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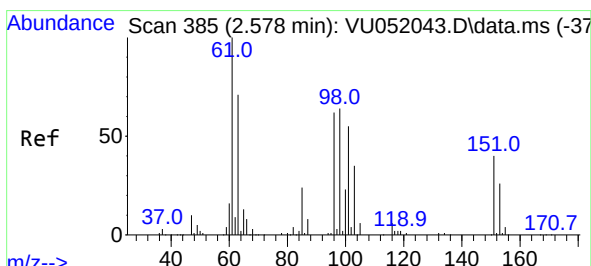
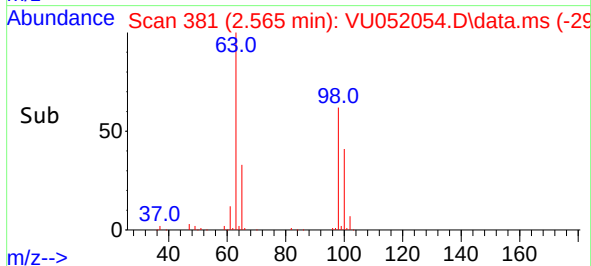
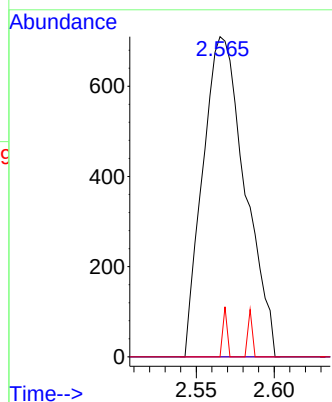
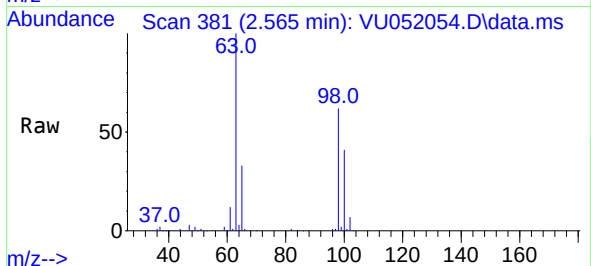




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

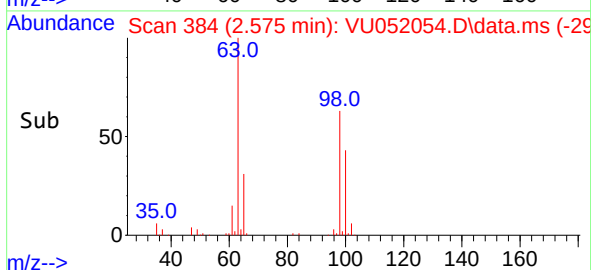
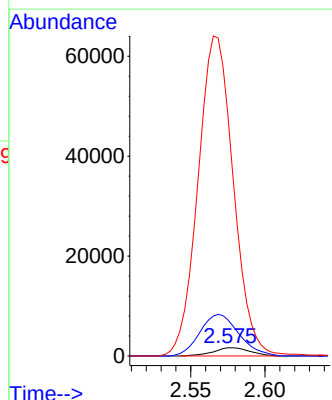
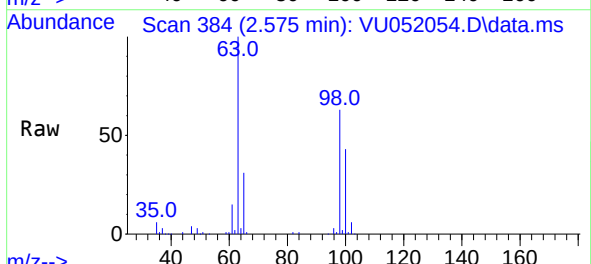
Instrument :
MSVOA_U
ClientSampleId :

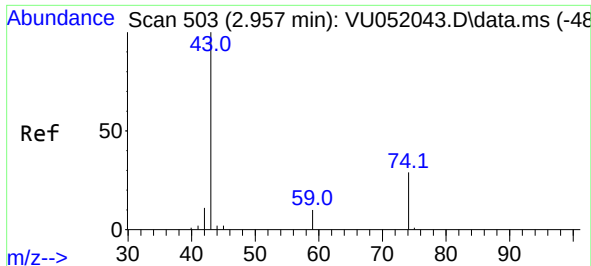
Tgt Ion:101 Resp: 1336
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 1.6 58.6 88.0#



#12
1,1-Dichloroethene
Concen: 0.192 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Tgt Ion: 96 Resp: 2827
Ion Ratio Lower Upper
96 100
61 445.3 114.8 213.2#
63 2981.4 93.7 174.1#

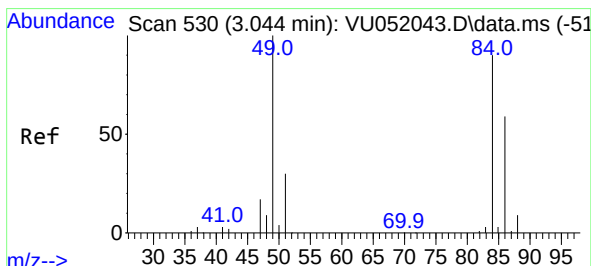
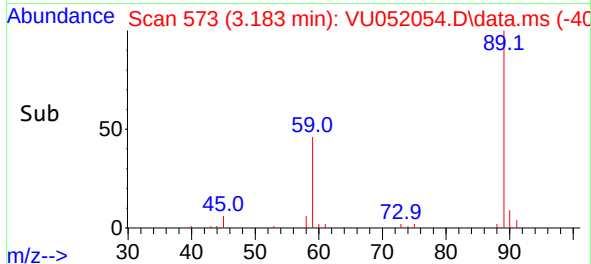
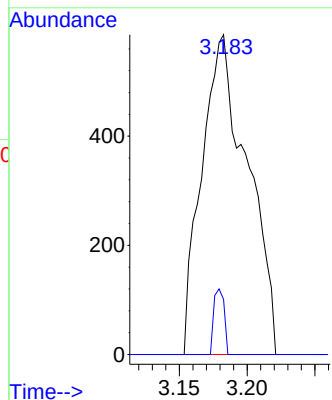
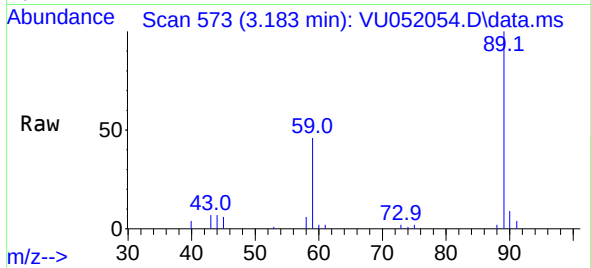




#15
Methyl Acetate
Concen: 0.217 ug/L
RT: 3.183 min Scan# 51
Delta R.T. 0.235 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

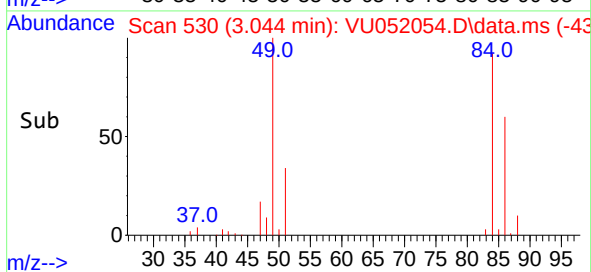
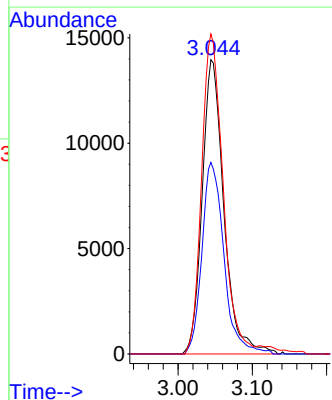
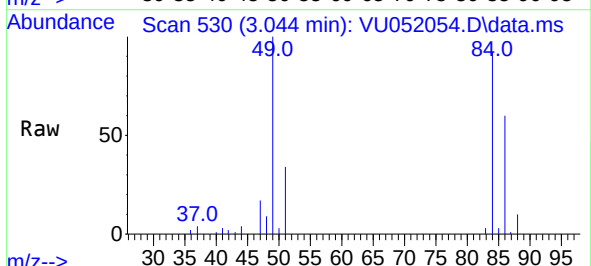
Instrument :
MSVOA_U
ClientSampleId :

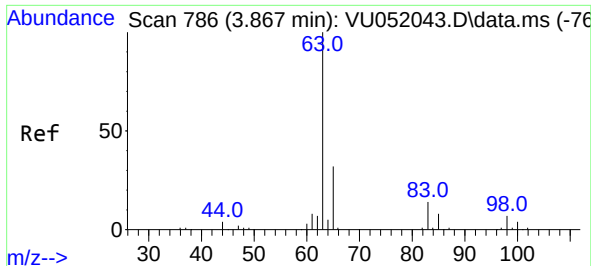
Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
74 4.6 21.3 31.9#



#16
Methylene chloride
Concen: 1.426 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

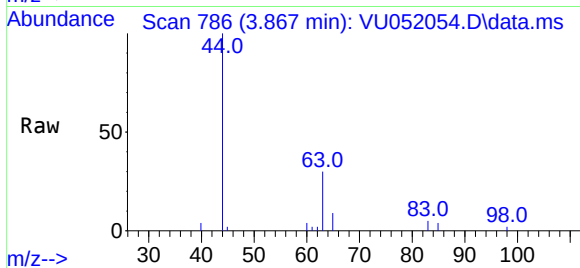
Tgt Ion: 84 Resp: 28363
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.4
49 108.7 75.9 141.1



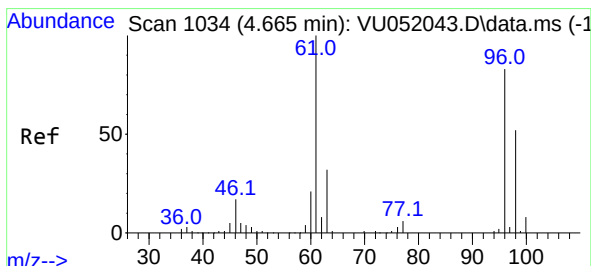
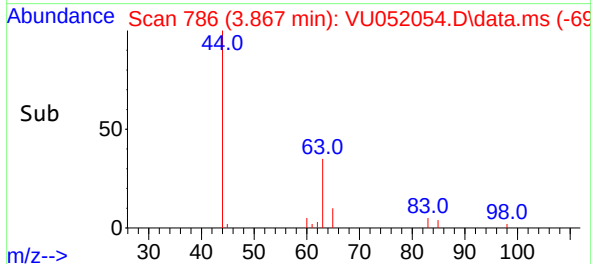
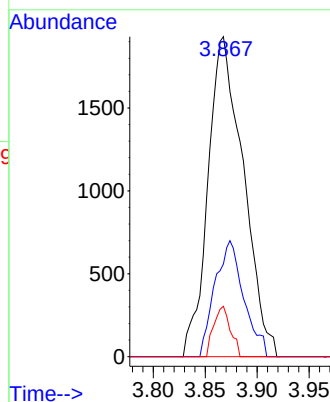


#19
1,1-Dichloroethane
Concen: 0.161 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :

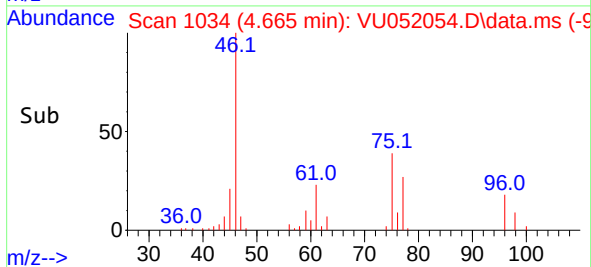
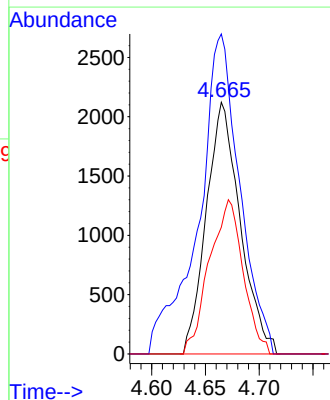
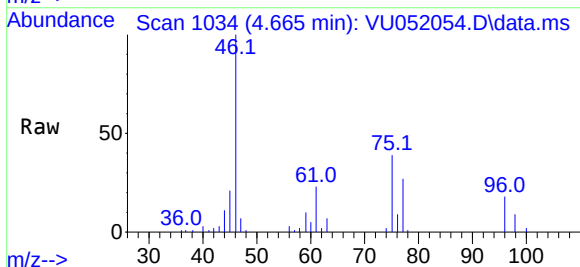


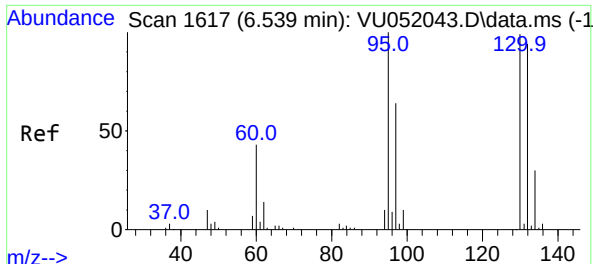
Tgt Ion: 63 Resp: 4560
Ion Ratio Lower Upper
63 100
65 29.0 22.2 41.2
83 15.8 9.2 17.0



#22
cis-1,2-Dichloroethene
Concen: 0.282 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

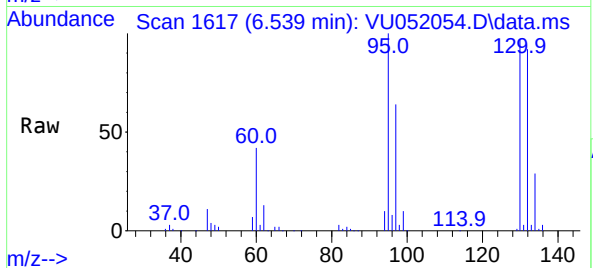
Tgt Ion: 96 Resp: 4666
Ion Ratio Lower Upper
96 100
61 127.1 85.1 158.1
98 50.4 42.8 79.6



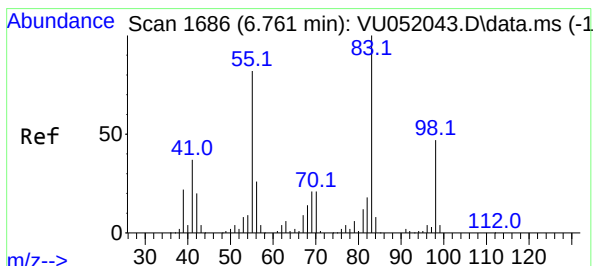
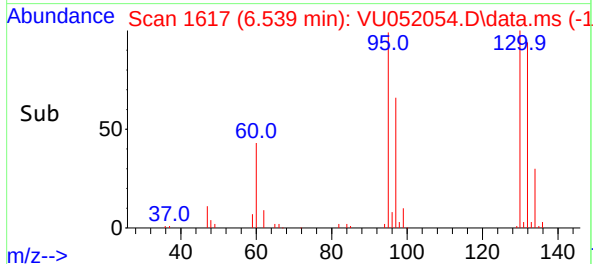
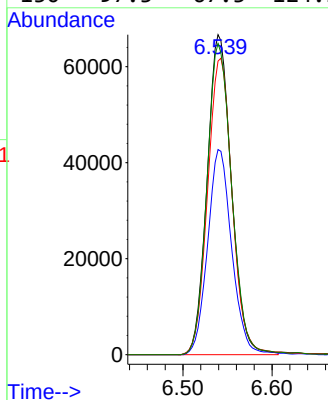


#34
Trichloroethene
Concen: 7.511 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :

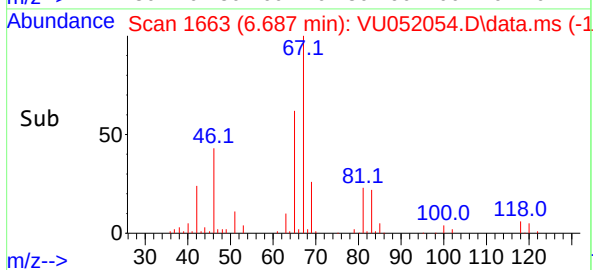
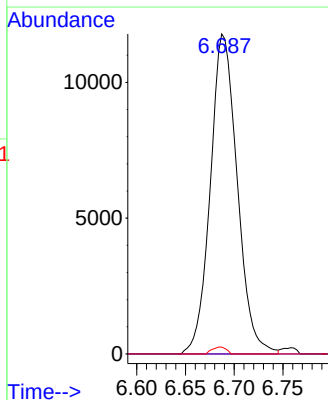
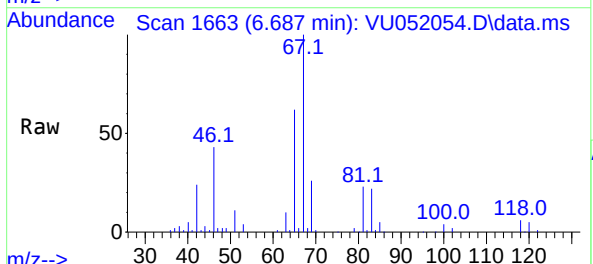


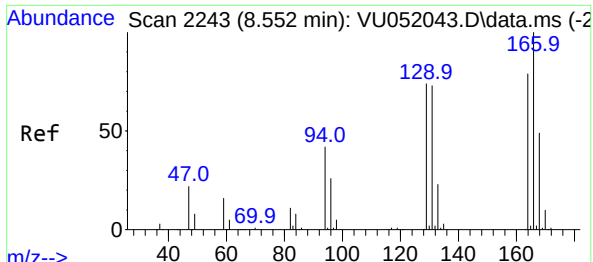
Tgt Ion: 95 Resp: 126298
Ion Ratio Lower Upper
95 100
97 64.1 43.7 81.1
132 91.8 64.3 119.3
130 97.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

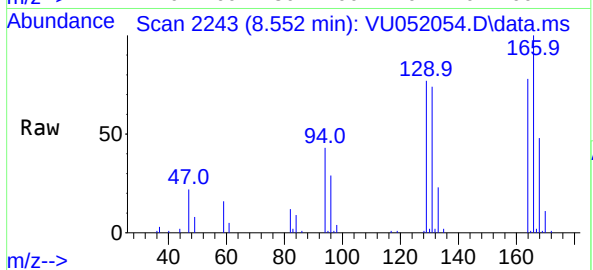
Tgt Ion: 83 Resp: 22665
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.1 35.1 52.7#



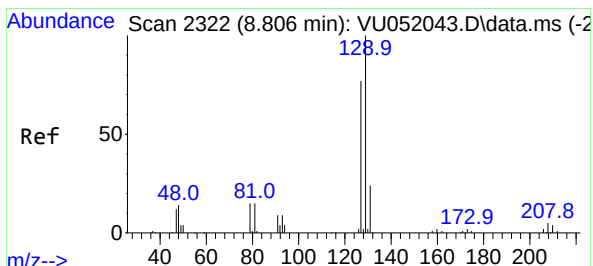
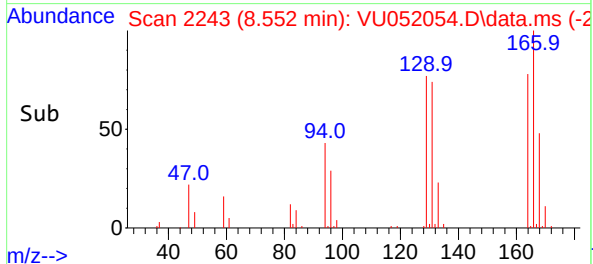
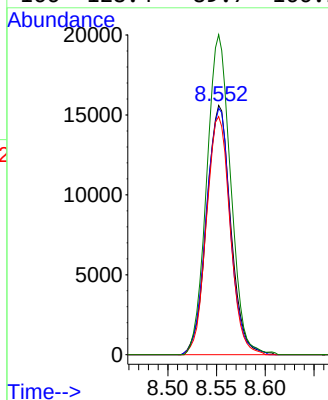


#47
Tetrachloroethene
Concen: 2.084 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :

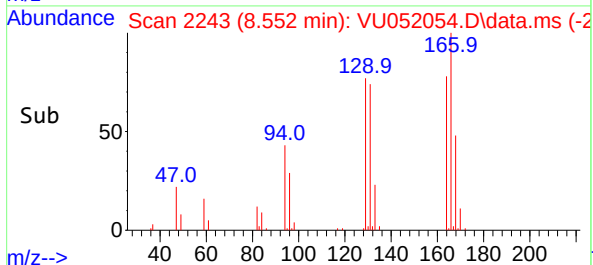
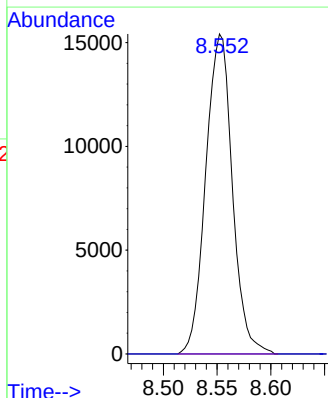
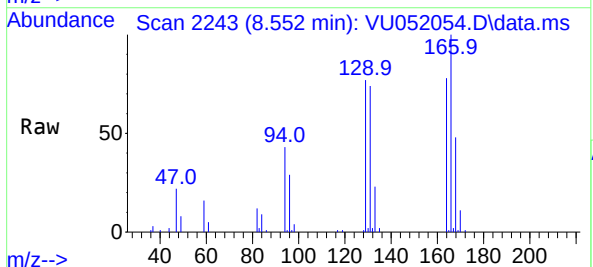


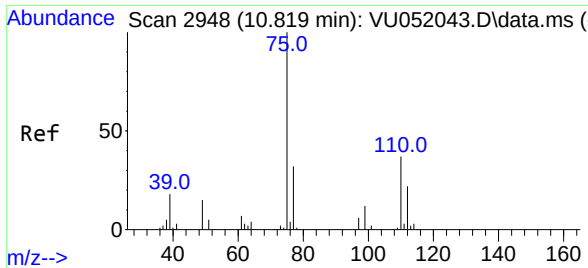
Tgt Ion:164 Resp: 26859
Ion Ratio Lower Upper
164 100
129 98.9 67.4 125.2
131 95.5 67.1 124.7
166 128.4 89.7 166.5



#49
Dibromochloromethane
Concen: 1.808 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

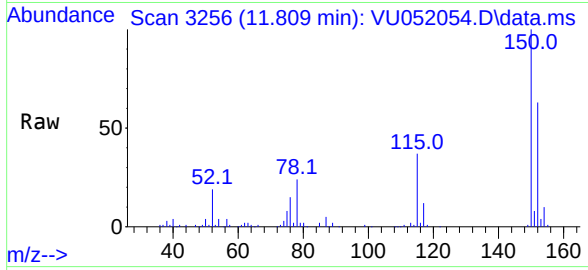
Tgt Ion:129 Resp: 26559
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 1.039 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052054.D
Acq: 22 Nov 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8662
Ion Ratio Lower Upper
75 100
110 0.8 28.3 42.5#
77 29.8 26.2 39.2

