

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052056.D
 Acq On : 22 Nov 2022 22:03
 Operator : JC/MD
 Sample : N5684-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:50:35 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)

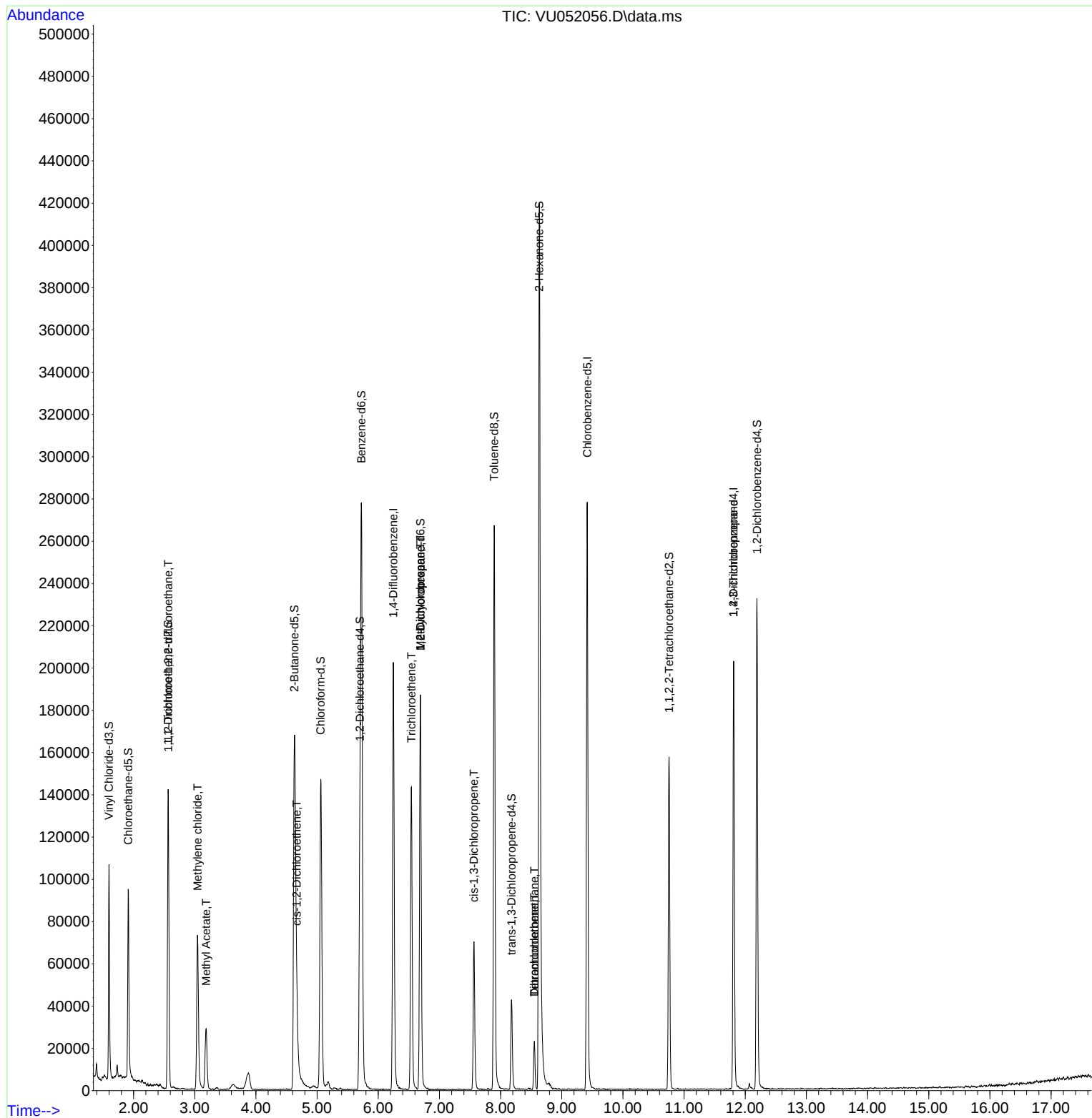
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	166459	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	163645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77594	4.792	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.912	69	70241	5.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.800%	
11) 1,1-Dichloroethene-d2	2.565	65	27351	4.713	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.629	46	204292	69.607	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.220%#	
24) Chloroform-d	5.060	84	139482	5.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.200%	
26) 1,2-Dichloroethane-d4	5.700	65	77468	6.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	129.000%	
32) Benzene-d6	5.726	84	273141	5.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.400%	
36) 1,2-Dichloropropane-d6	6.690	67	95162	6.329	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	126.600%	
41) Toluene-d8	7.896	98	192111	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.179	79	25191	4.598	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.632	63	143676	61.878	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.760%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83423	6.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	128.000%#	
66) 1,2-Dichlorobenzene-d4	12.192	152	63748	5.685	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	784	0.064	ug/L #	20
15) Methyl Acetate	3.189	43	2304	0.446	ug/L #	52
16) Methylene chloride	3.044	84	40031	2.450	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	7962	0.586	ug/L	90
34) Trichloroethene	6.542	95	50829	3.826	ug/L	95
35) Methylcyclohexane	6.690	83	21317	1.116	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9912	0.719	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	1621	0.092	ug/L #	69
47) Tetrachloroethene	8.552	164	5457	0.536	ug/L	85
49) Dibromochloromethane	8.552	129	5012	0.432	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	6953	1.037	ug/L #	66

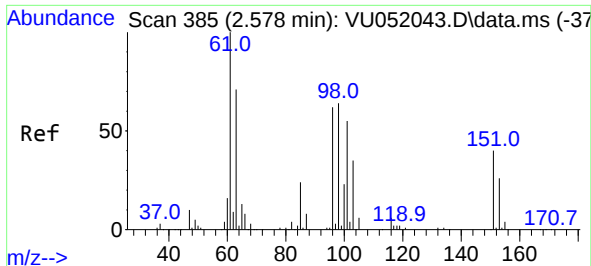
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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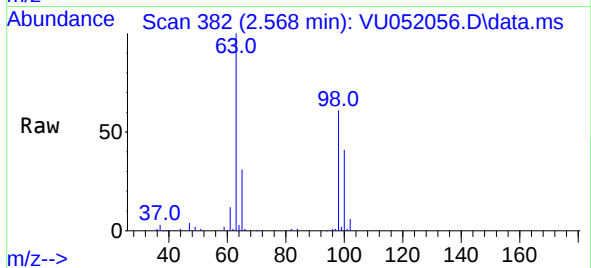
Quant Time: Nov 23 00:50:35 2022
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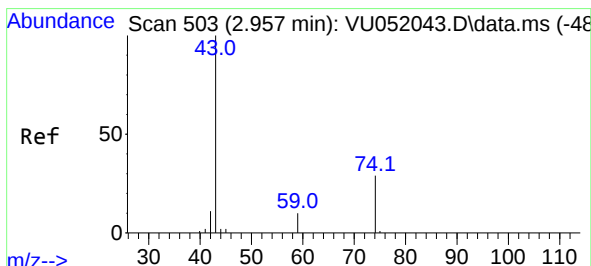
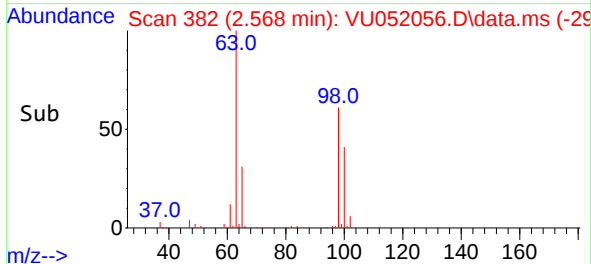
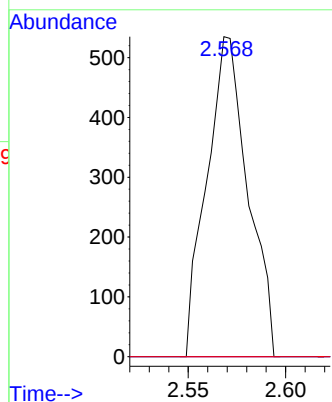


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

Instrument :
MSVOA_U
ClientSampleId :

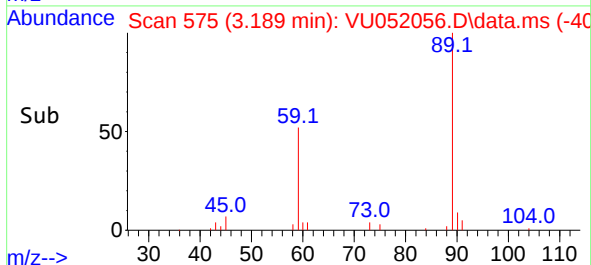
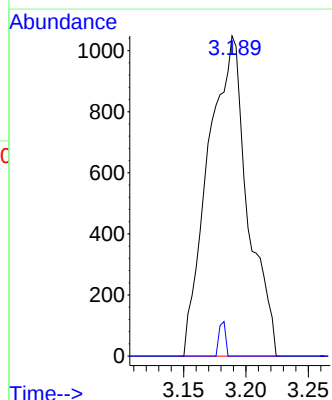
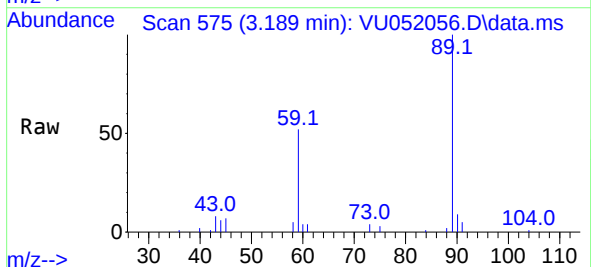


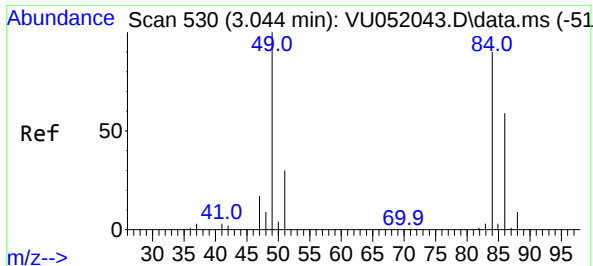
Tgt Ion:101 Resp: 784
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#15
Methyl Acetate
Concen: 0.446 ug/L
RT: 3.189 min Scan# 575
Delta R.T. 0.241 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

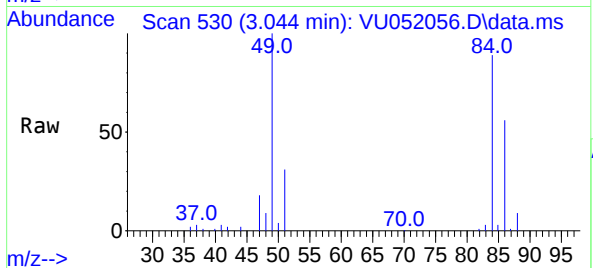
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
74 1.8 21.3 31.9#



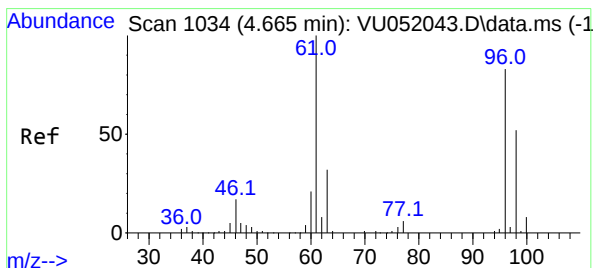
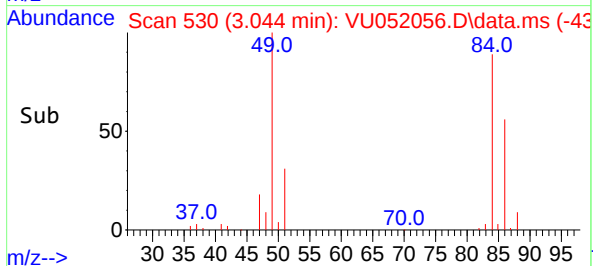
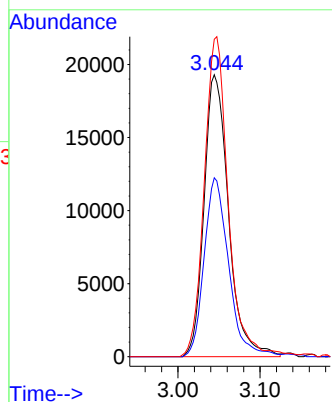


#16
Methylene chloride
Concen: 2.450 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

Instrument :
MSVOA_U
ClientSampleId :

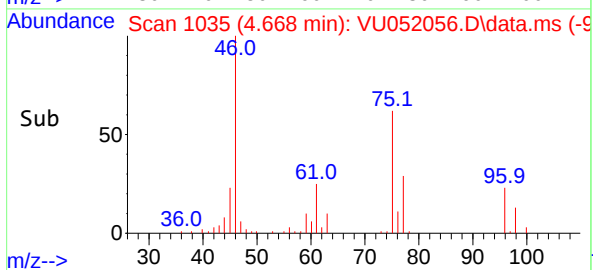
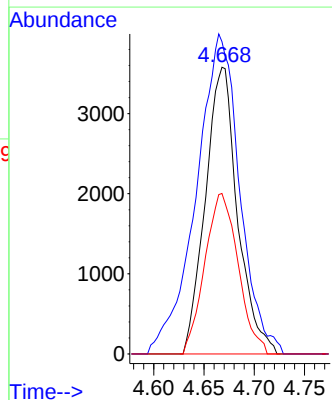
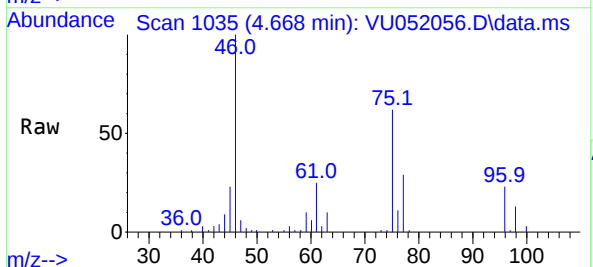


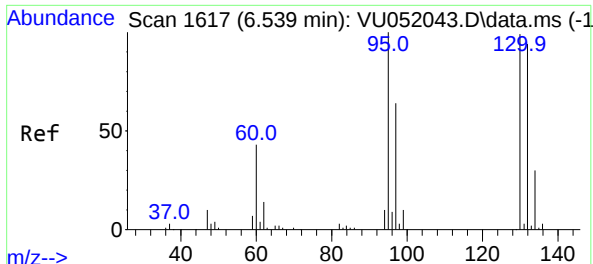
Tgt Ion: 84 Resp: 40031
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.4
49 112.6 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.586 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

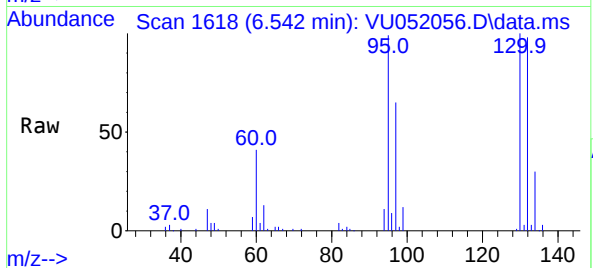
Tgt Ion: 96 Resp: 7962
Ion Ratio Lower Upper
96 100
61 108.9 85.1 158.1
98 55.9 42.8 79.6



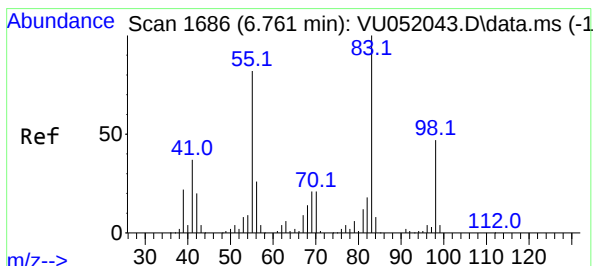
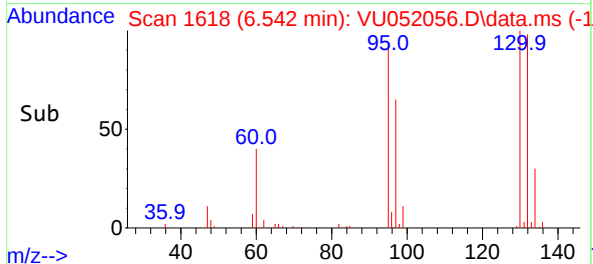
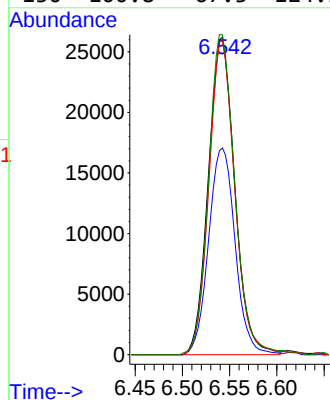


#34
Trichloroethene
Concen: 3.826 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

Instrument :
MSVOA_U
ClientSampleId :

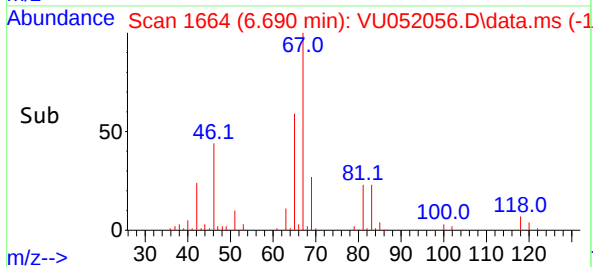
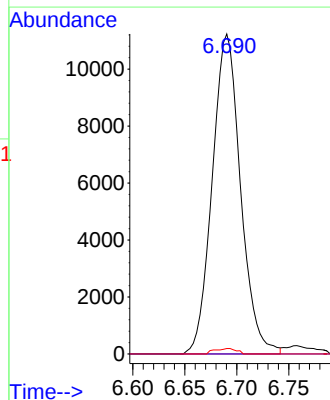
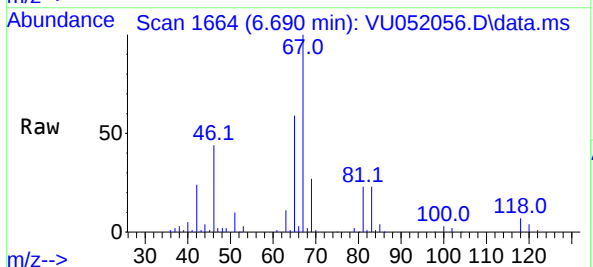


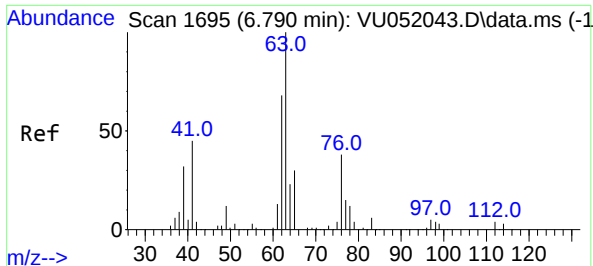
Tgt Ion: 95 Resp: 50829
Ion Ratio Lower Upper
95 100
97 65.1 43.7 81.1
132 98.9 64.3 119.3
130 100.8 67.3 124.9



#35
Methylcyclohexane
Concen: 1.116 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

Tgt Ion: 83 Resp: 21317
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.3 35.1 52.7#

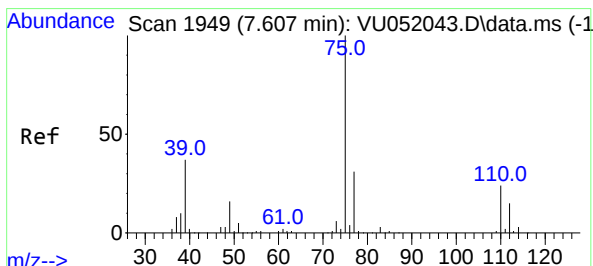
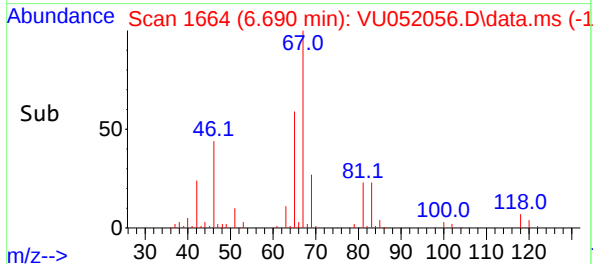
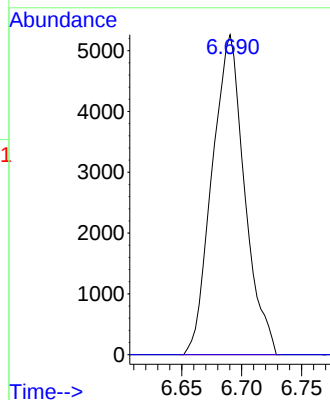
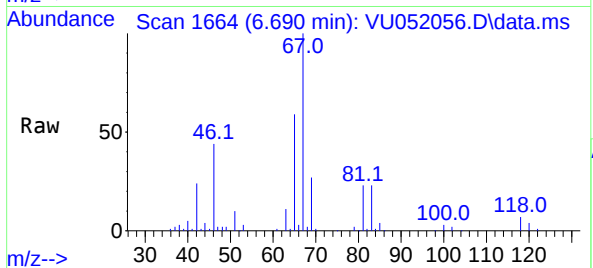




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

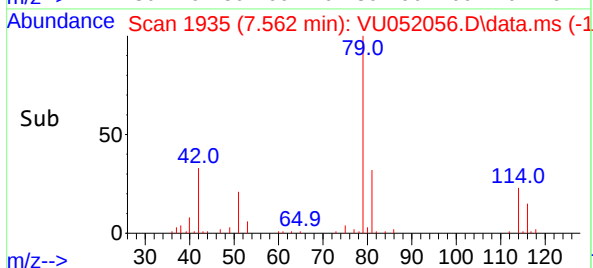
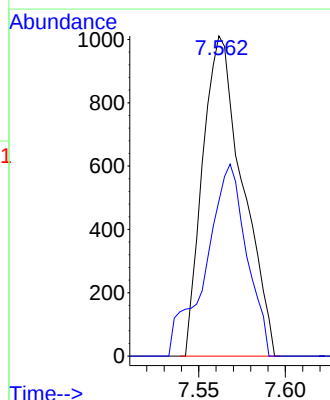
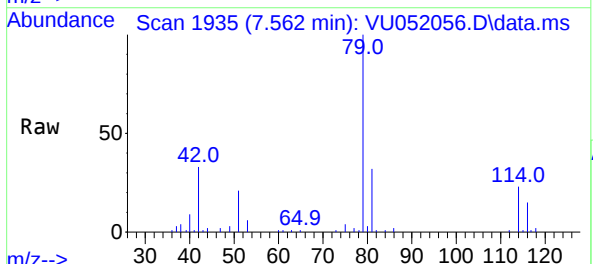
Instrument :
MSVOA_U
ClientSampleId :

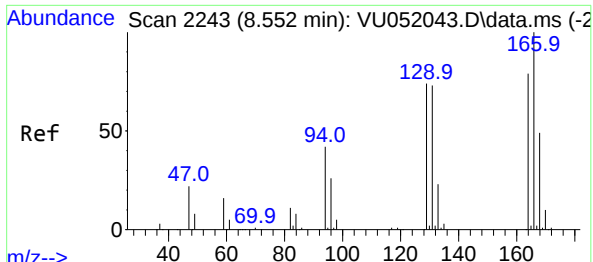
Tgt Ion: 63 Resp: 9912
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

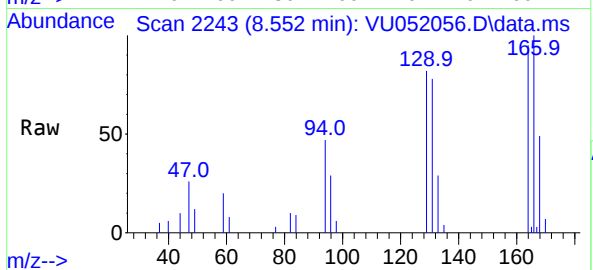
Tgt Ion: 75 Resp: 1621
Ion Ratio Lower Upper
75 100
77 48.5 22.0 40.8#



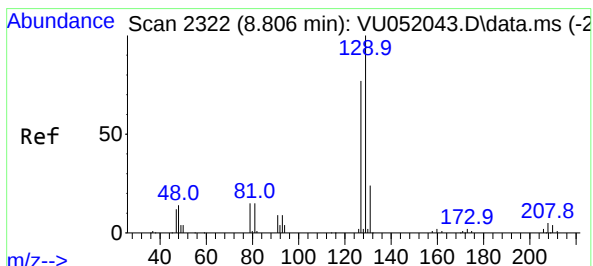
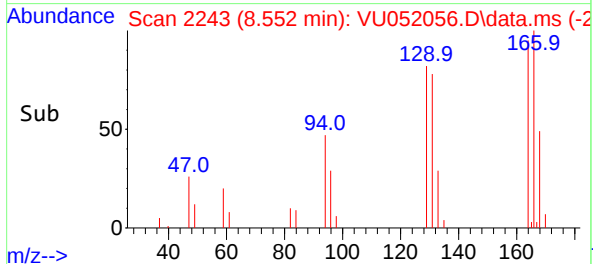
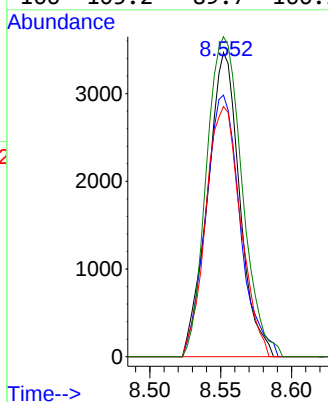


#47
Tetrachloroethene
Concen: 0.536 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

Instrument :
MSVOA_U
ClientSampleId :

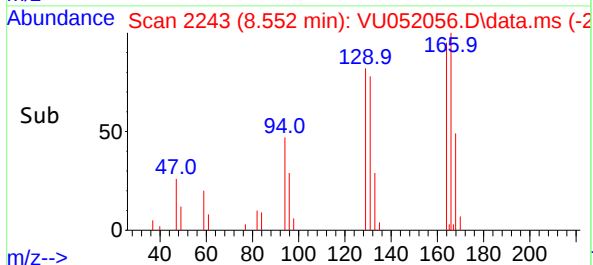
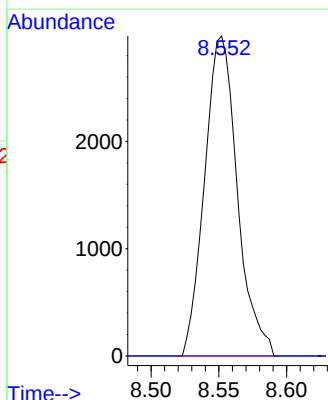
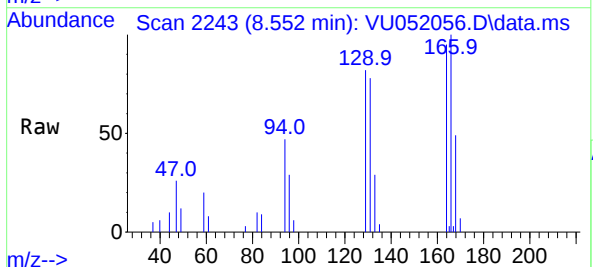


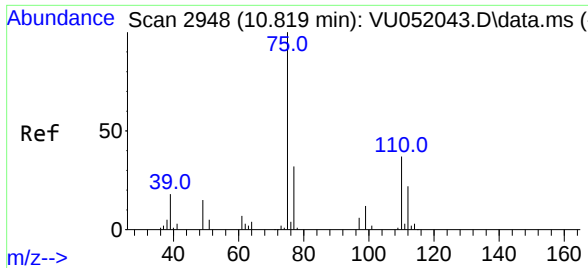
Tgt Ion:164 Resp: 5457
Ion Ratio Lower Upper
164 100
129 86.0 67.4 125.2
131 82.2 67.1 124.7
166 105.2 89.7 166.5



#49
Dibromochloromethane
Concen: 0.432 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052056.D
Acq: 22 Nov 2022 22:03

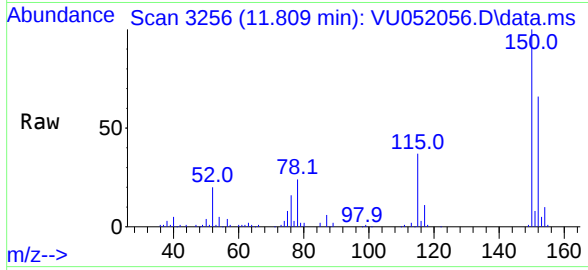
Tgt Ion:129 Resp: 5012
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.037 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052056.D
 Acq: 22 Nov 2022 22:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6953

Ion	Ratio	Lower	Upper
75	100		
110	0.6	28.3	42.5#
77	29.1	26.2	39.2

