

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052053.D
 Acq On : 22 Nov 2022 20:40
 Operator : JC/MD
 Sample : N5684-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:50:15 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)

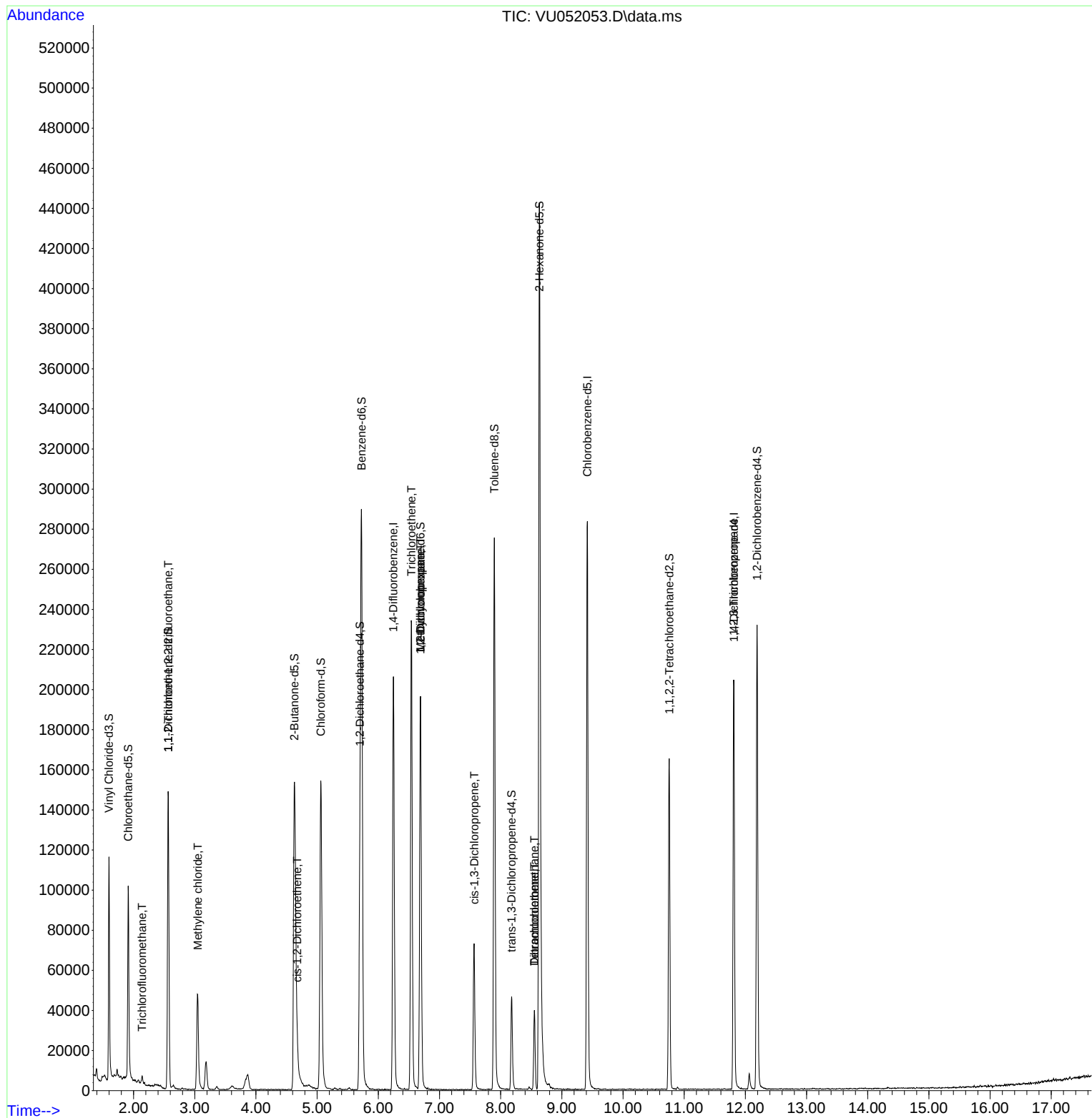
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86054	5.105	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.912	69	75873	5.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.800%		
11) 1,1-Dichloroethene-d2	2.568	65	28130	4.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 93.200%		
20) 2-Butanone-d5	4.626	46	211501	69.220	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 138.440%#		
24) Chloroform-d	5.060	84	148607	6.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 120.000%		
26) 1,2-Dichloroethane-d4	5.700	65	81046	6.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 129.600%		
32) Benzene-d6	5.726	84	282329	5.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.000%		
36) 1,2-Dichloropropane-d6	6.687	67	99321	6.422	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 128.400%		
41) Toluene-d8	7.896	98	196617	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.000%		
43) trans-1,3-Dichloroprop...	8.179	79	27566	4.891	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.800%		
46) 2-Hexanone-d5	8.632	63	153008	64.058	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 128.120%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86498	6.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 129.000%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	66630	6.099	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 122.000%#		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	2115	0.102	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	944	0.074	ug/L #	22
16) Methylene chloride	3.047	84	26315	1.547	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	2919	0.206	ug/L	99
34) Trichloroethene	6.539	95	82187	6.014	ug/L	95
35) Methylcyclohexane	6.690	83	22359	1.137	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10482	0.739	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1803	0.099	ug/L #	45
47) Tetrachloroethene	8.552	164	9263	0.884	ug/L	97
49) Dibromochloromethane	8.552	129	8853	0.742	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7279	1.115	ug/L #	67

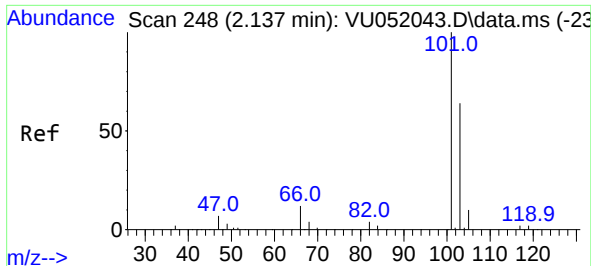
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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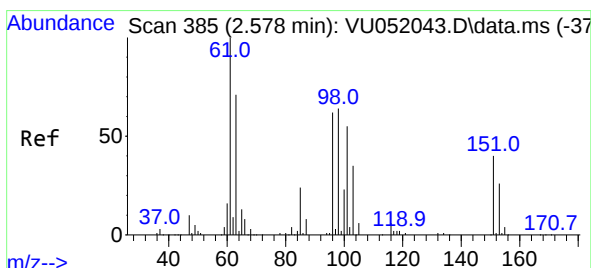
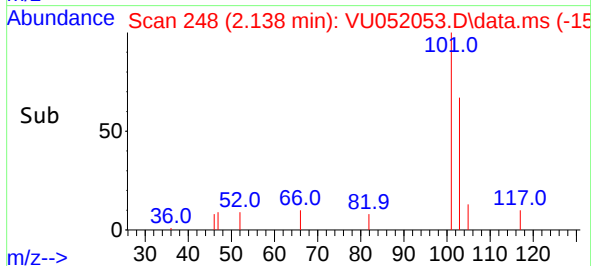
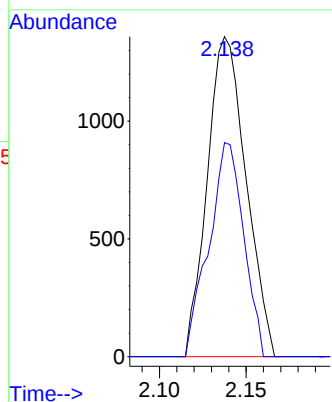
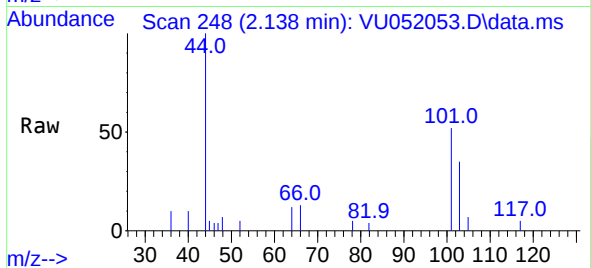




#9
Trichlorofluoromethane
Concen: 0.102 ug/L
RT: 2.138 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

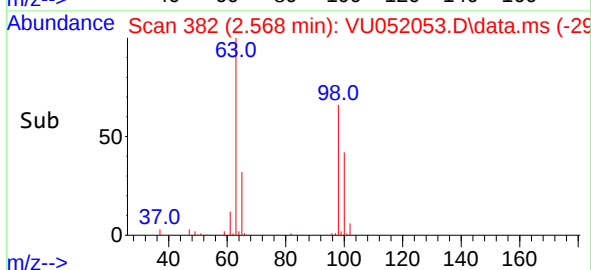
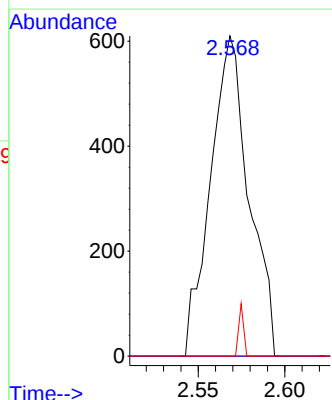
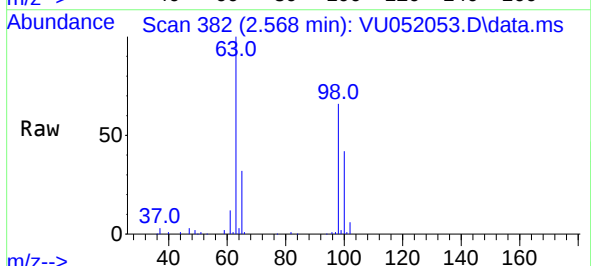
Instrument :
MSVOA_U
ClientSampleId :

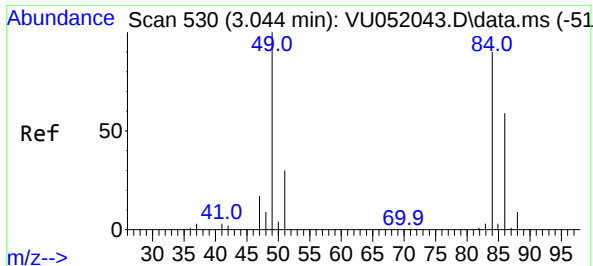
Tgt Ion:101 Resp: 2115
Ion Ratio Lower Upper
101 100
103 60.0 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

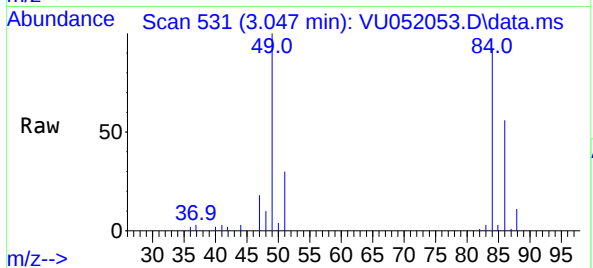
Tgt Ion:101 Resp: 944
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 2.0 58.6 88.0#



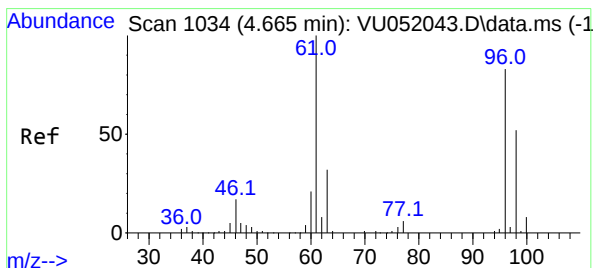
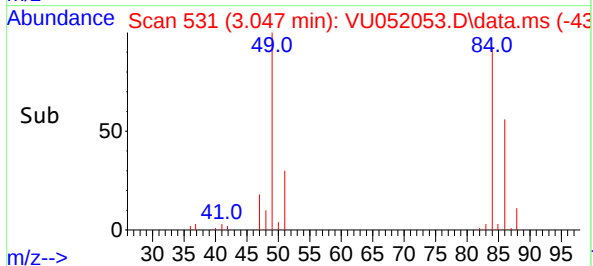
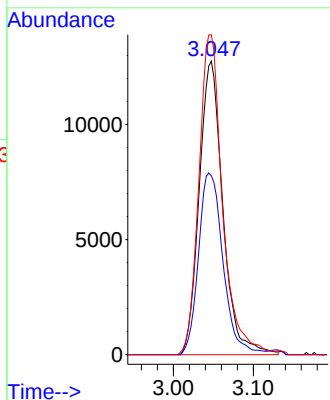


#16
Methylene chloride
Concen: 1.547 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

Instrument :
MSVOA_U
ClientSampleId :

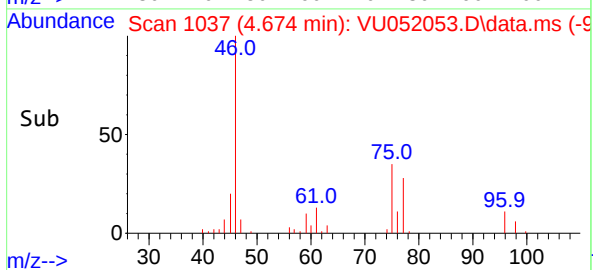
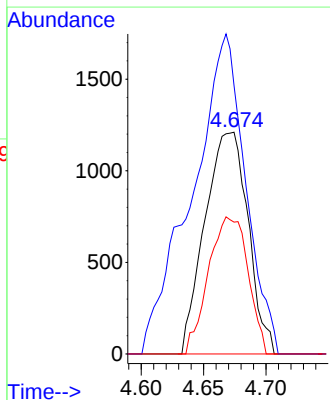
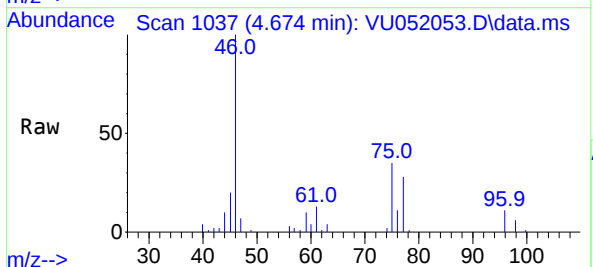


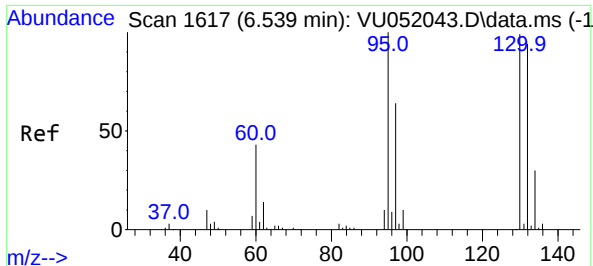
Tgt Ion: 84 Resp: 26315
Ion Ratio Lower Upper
84 100
86 60.9 43.8 81.4
49 109.0 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

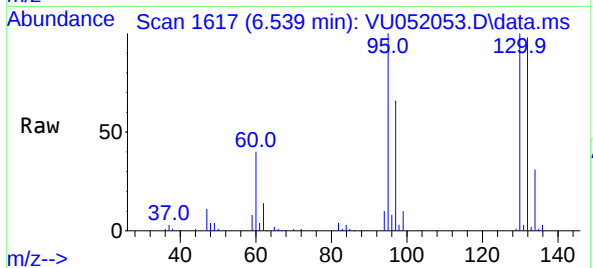
Tgt Ion: 96 Resp: 2919
Ion Ratio Lower Upper
96 100
61 121.0 85.1 158.1
98 59.5 42.8 79.6





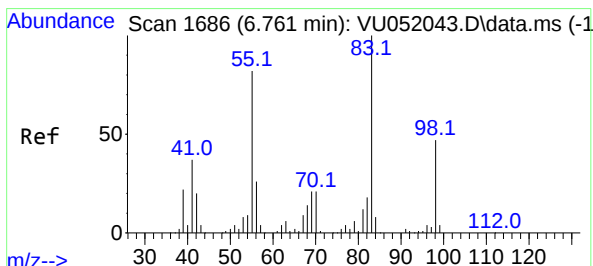
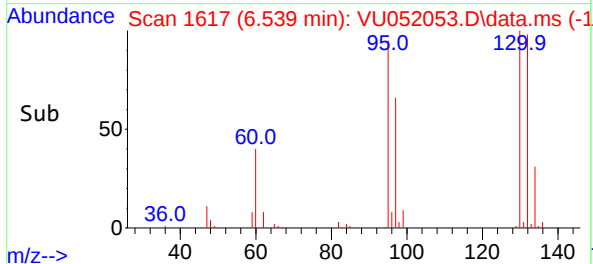
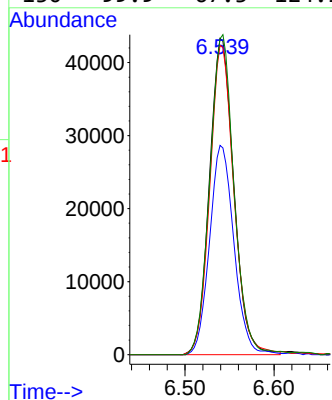
#34
Trichloroethene
Concen: 6.014 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 82187

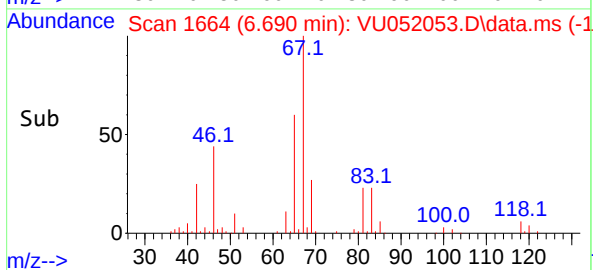
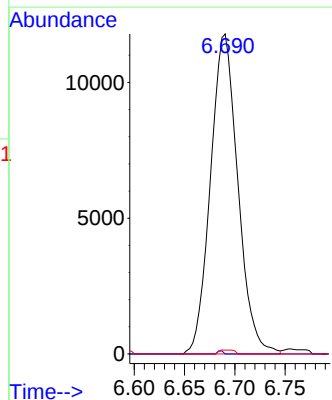
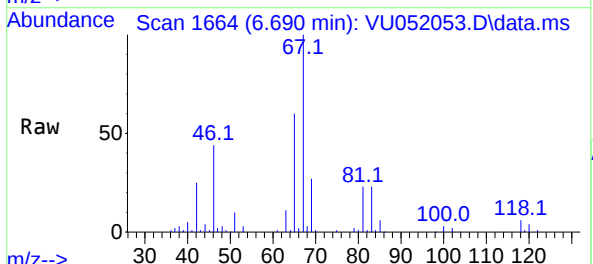
Ion	Ratio	Lower	Upper
95	100		
97	66.2	43.7	81.1
132	97.8	64.3	119.3
130	99.9	67.3	124.9

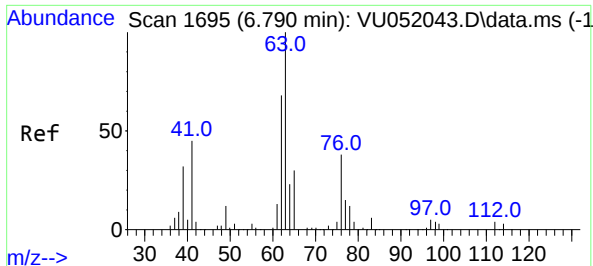


#35
Methylcyclohexane
Concen: 1.137 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

Tgt Ion: 83 Resp: 22359

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.7	35.1	52.7#

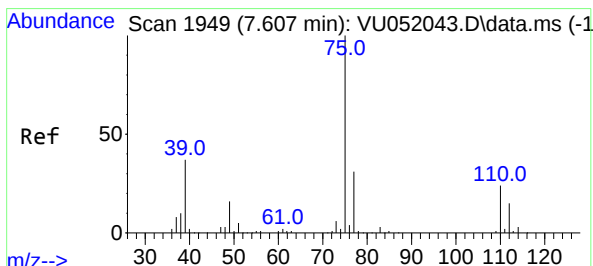
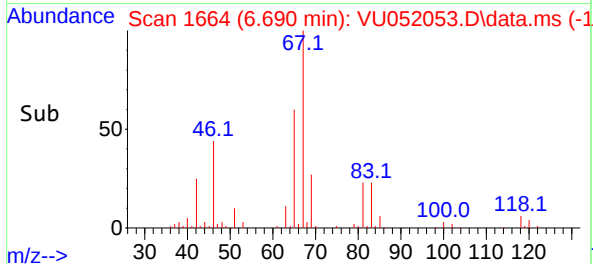
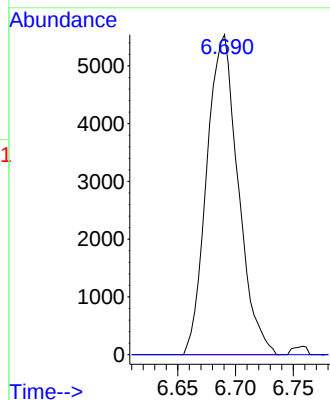
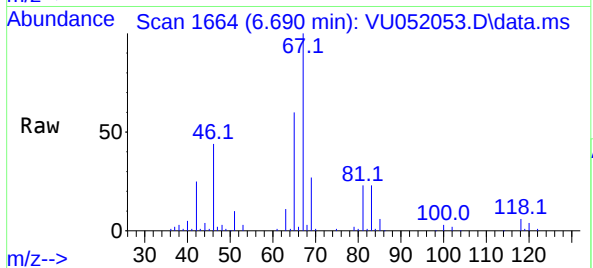




#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

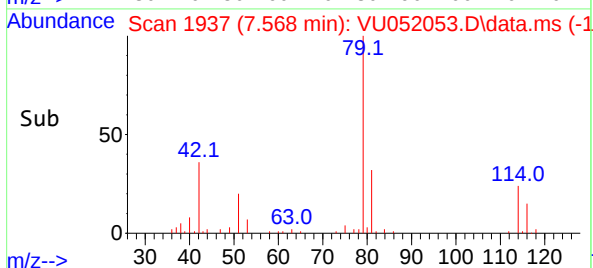
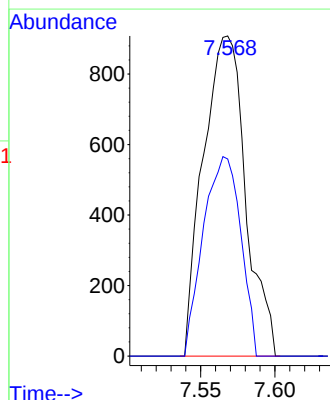
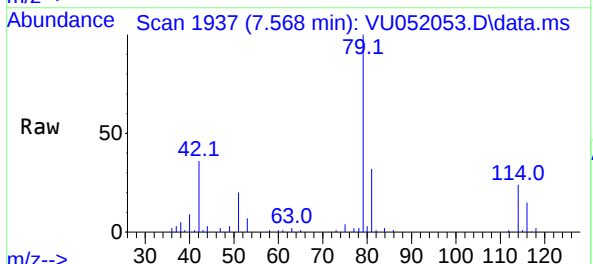
Instrument :
MSVOA_U
ClientSampleId :

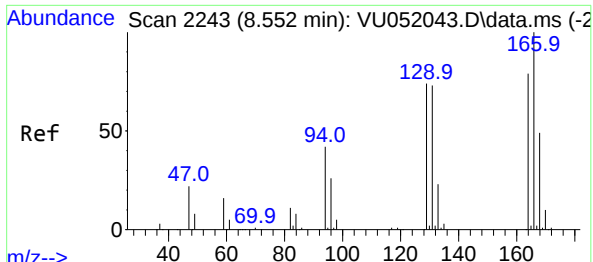
Tgt Ion: 63 Resp: 10482
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.035 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

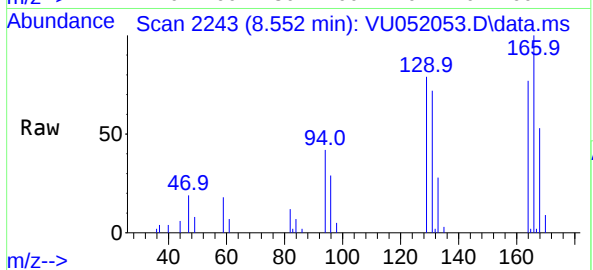
Tgt Ion: 75 Resp: 1803
Ion Ratio Lower Upper
75 100
77 61.6 22.0 40.8#



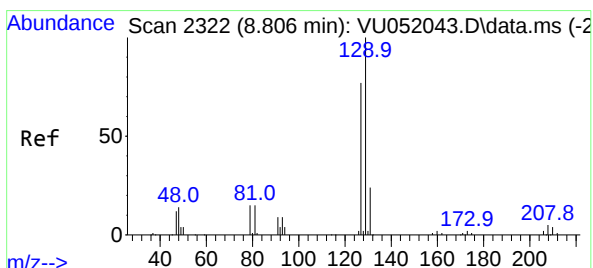
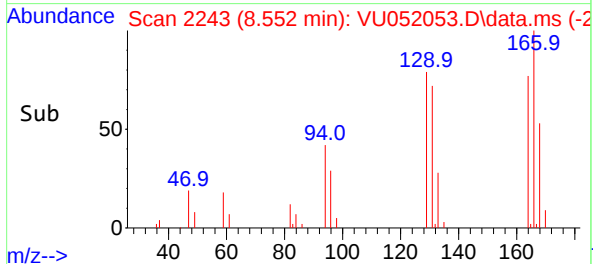
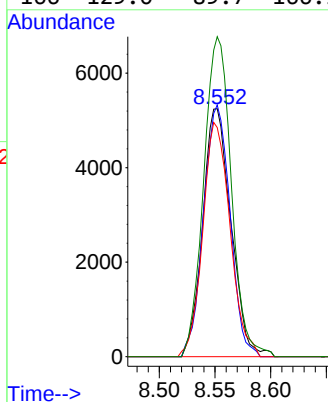


#47
Tetrachloroethene
Concen: 0.884 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

Instrument :
MSVOA_U
ClientSampleId :

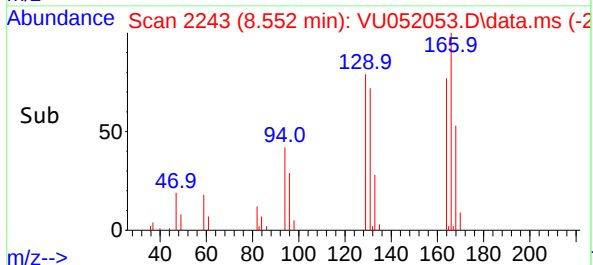
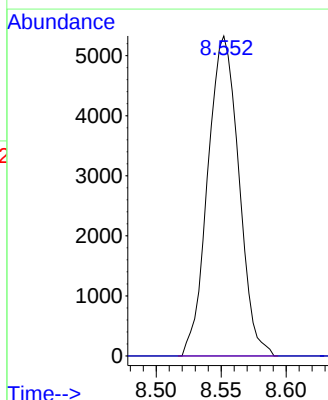
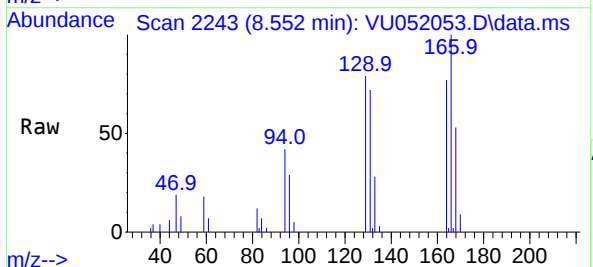


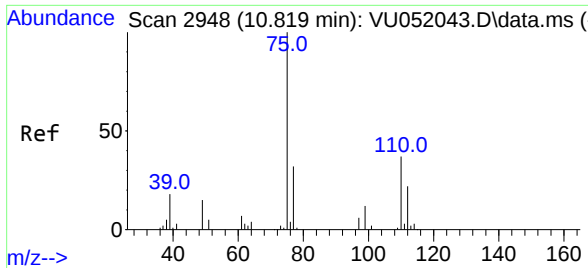
Tgt Ion:164 Resp: 9263
Ion Ratio Lower Upper
164 100
129 101.5 67.4 125.2
131 92.4 67.1 124.7
166 129.0 89.7 166.5



#49
Dibromochloromethane
Concen: 0.742 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052053.D
Acq: 22 Nov 2022 20:40

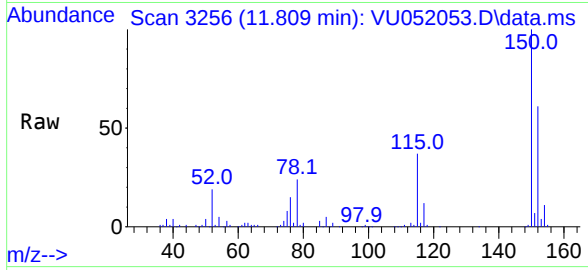
Tgt Ion:129 Resp: 8853
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.115 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052053.D
 Acq: 22 Nov 2022 20:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7279
 Ion Ratio Lower Upper
 75 100
 110 2.0 28.3 42.5#
 77 28.8 26.2 39.2

