

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051257.D
 Acq On : 08 Oct 2022 07:46
 Operator : JC/MD
 Sample : N4899-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H68

Quant Time: Oct 08 23:48:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

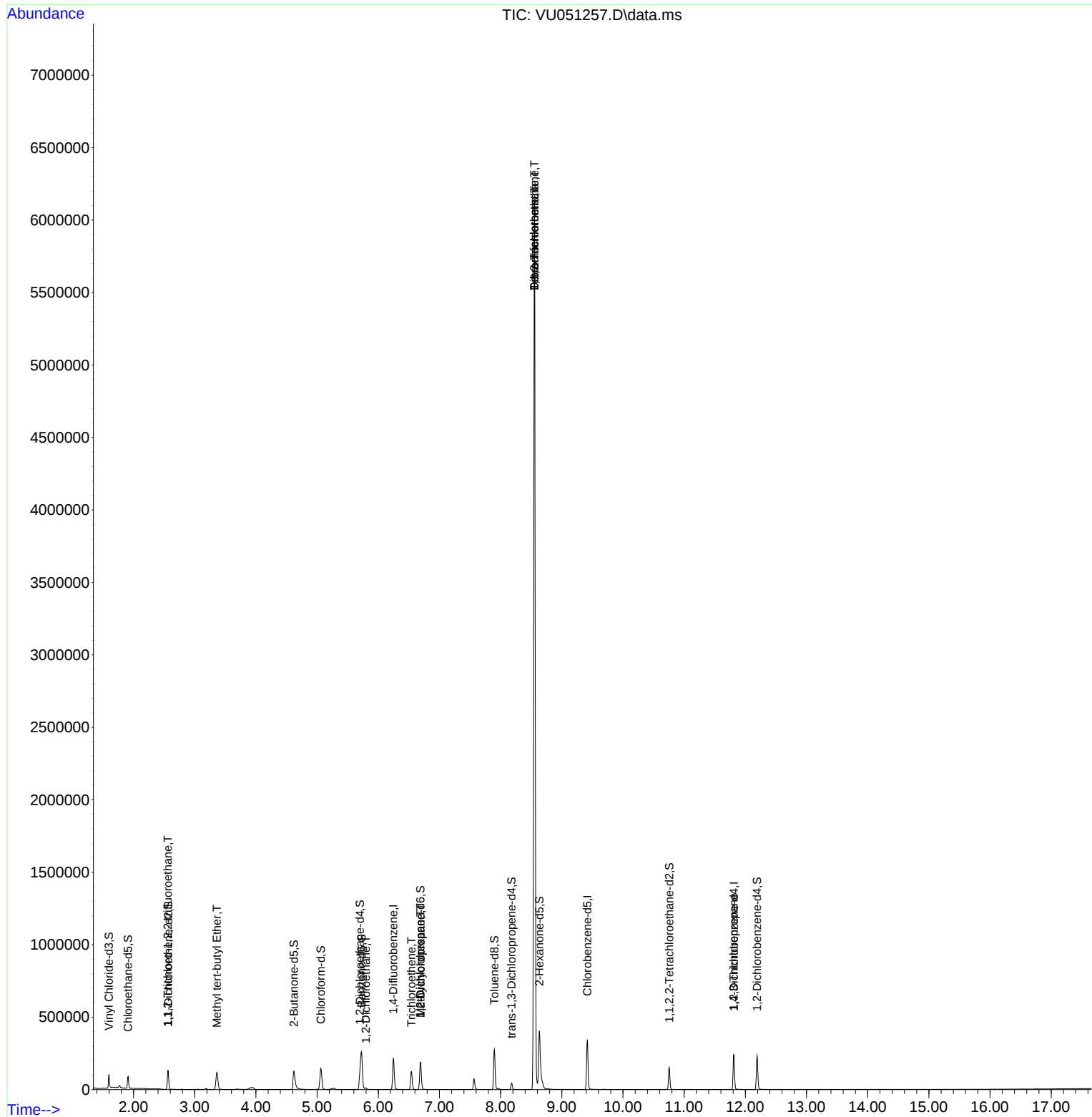
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	165505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	188907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	63111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	64253	4.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.909	69	62225	5.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.565	65	25566	4.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.620	46	174279	59.293	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.580%	
24) Chloroform-d	5.060	84	139227	5.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.800%	
26) 1,2-Dichloroethane-d4	5.700	65	74566	5.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.200%	
32) Benzene-d6	5.726	84	243531	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.691	67	90451	5.125	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.896	98	187695	4.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.179	79	25298	4.363	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.633	63	111096	56.848	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.700%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	77072	5.467	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	61676	5.623	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.400%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	643	0.050	ug/L #	21
17) Methyl tert-butyl Ether	3.363	73	116020	4.196	ug/L	99
27) 1,2-Dichloroethane	5.797	62	8481	0.517	ug/L	98
34) Trichloroethene	6.540	95	43882	2.789	ug/L	99
35) Methylcyclohexane	6.691	83	20719	1.044	ug/L #	17
37) 1,2-Dichloropropane	6.691	63	9468	0.548	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	11730	0.967	ug/L #	1
47) Tetrachloroethene	8.552	164	1293315	111.808	ug/L	98
49) Dibromochloromethane	8.552	129	1324071	97.161	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	7974	1.001	ug/L #	70

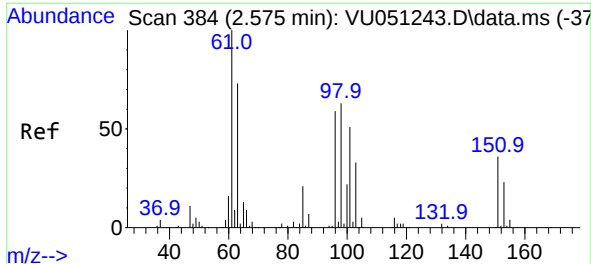
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051257.D
Acq On : 08 Oct 2022 07:46
Operator : JC/MD
Sample : N4899-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5H68

Quant Time: Oct 08 23:48:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 05:40:36 2022
Response via : Initial Calibration

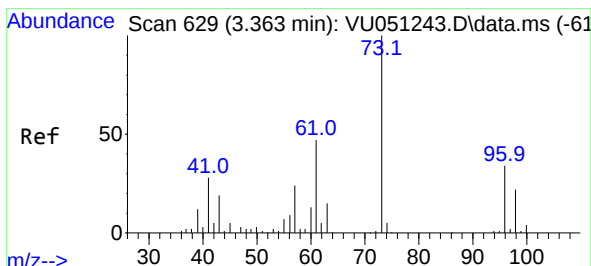
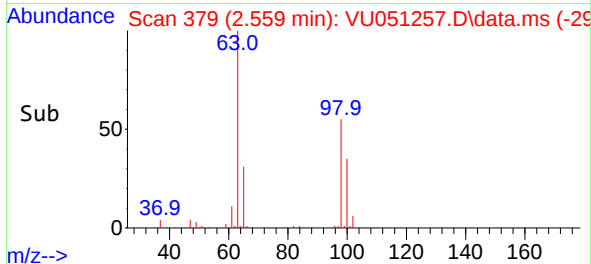
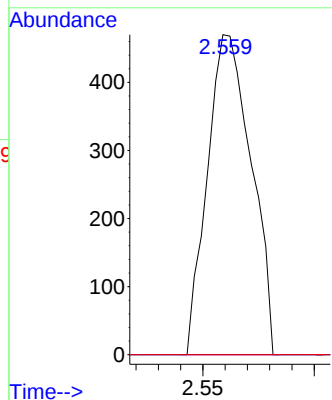
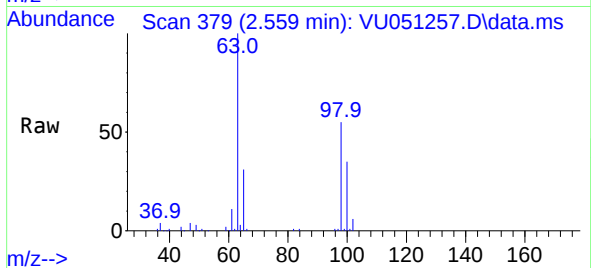




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

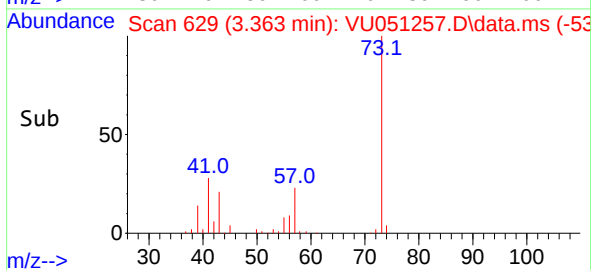
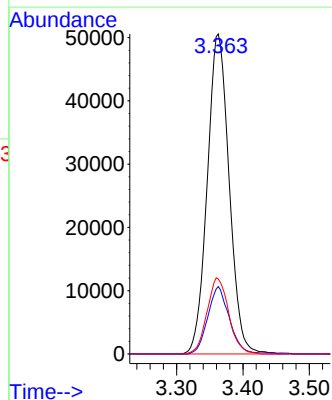
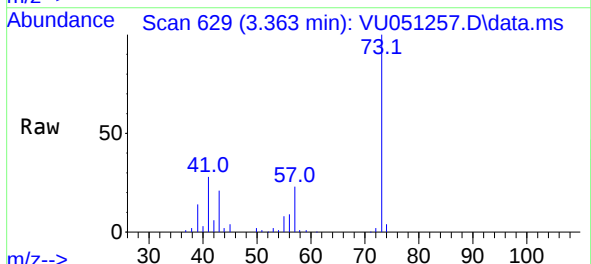
Instrument :
MSVOA_U
ClientSampleId :
F5H68

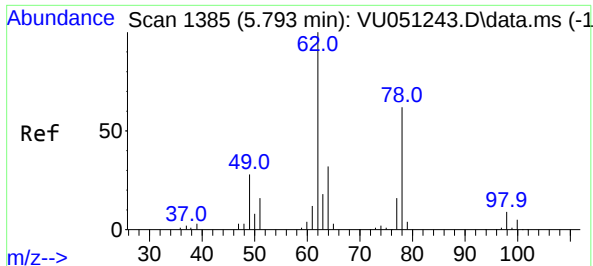
Tgt Ion:101 Resp: 643
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#17
Methyl tert-butyl Ether
Concen: 4.196 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Tgt Ion: 73 Resp: 116020
Ion Ratio Lower Upper
73 100
43 20.6 15.4 23.0
57 23.5 18.9 28.3

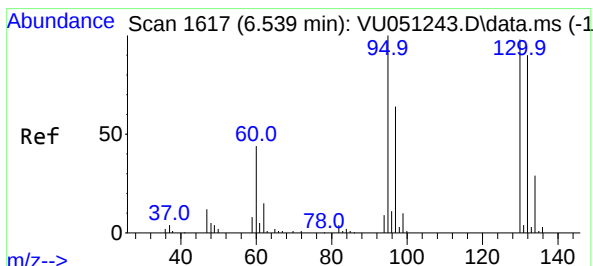
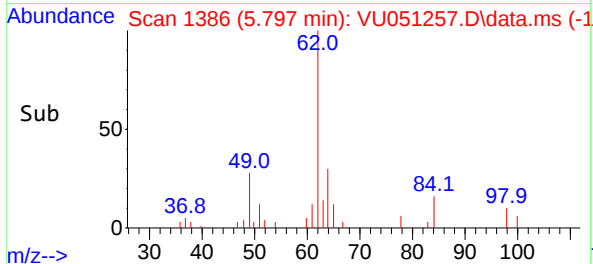
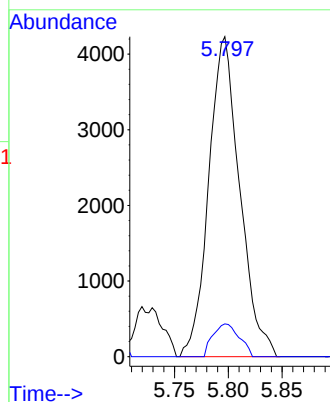
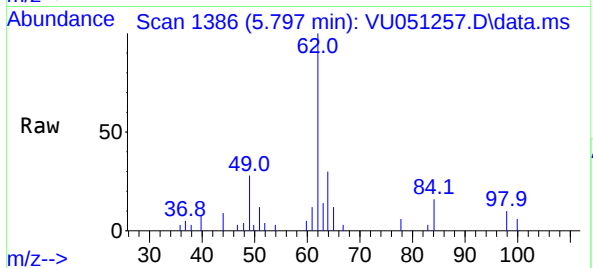




#27
1,2-Dichloroethane
Concen: 0.517 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

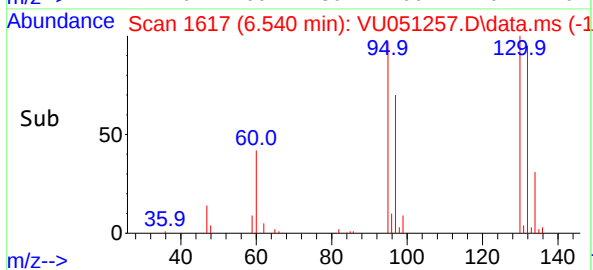
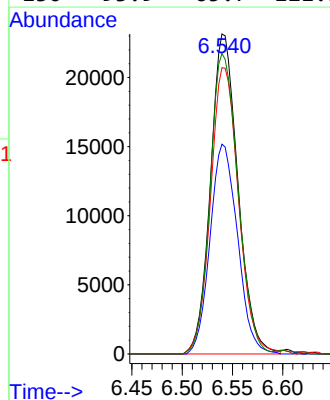
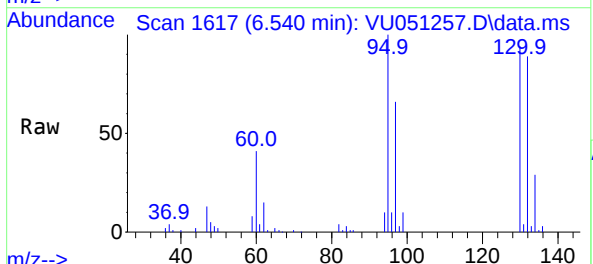
Instrument :
MSVOA_U
ClientSampleId :
F5H68

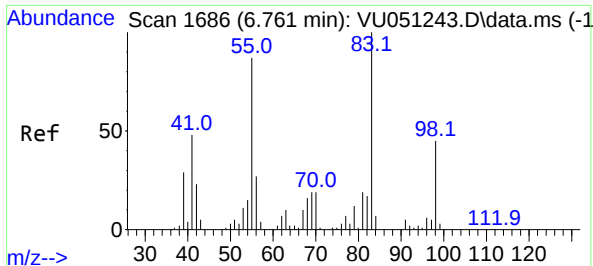
Tgt Ion: 62 Resp: 8481
Ion Ratio Lower Upper
62 100
98 10.3 7.7 11.5



#34
Trichloroethene
Concen: 2.789 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Tgt Ion: 95 Resp: 43882
Ion Ratio Lower Upper
95 100
97 65.6 45.4 84.2
132 89.4 63.1 117.3
130 93.9 65.7 121.9

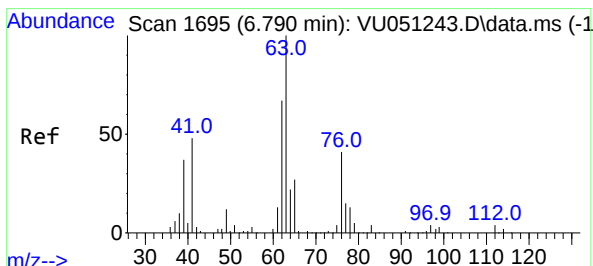
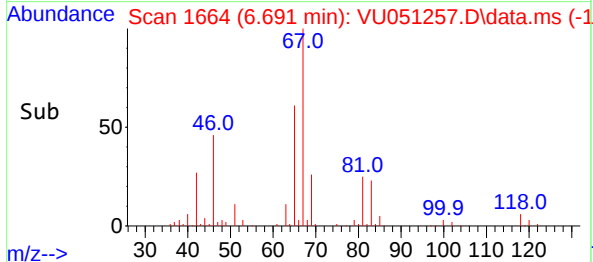
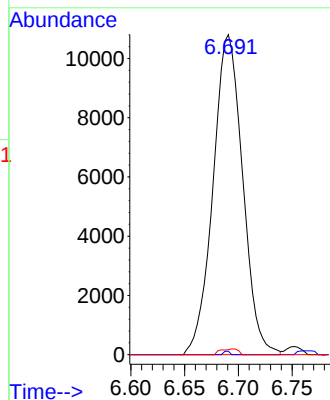
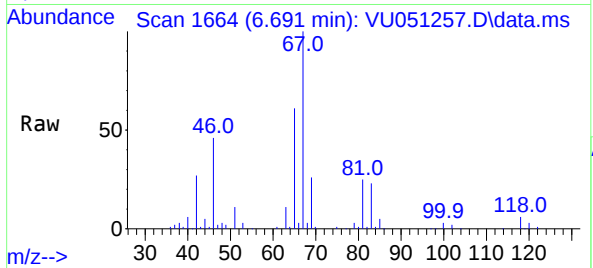




#35
Methylcyclohexane
Concen: 1.044 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

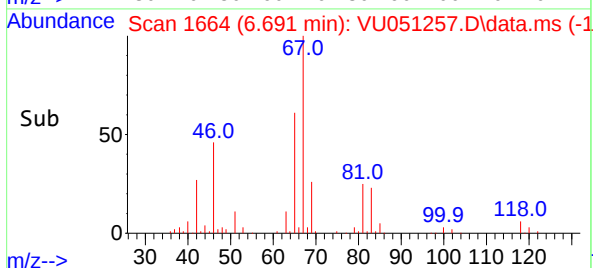
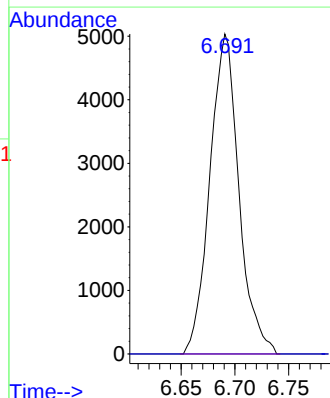
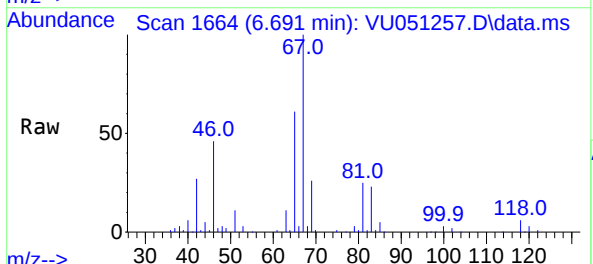
Instrument :
MSVOA_U
ClientSampleId :
F5H68

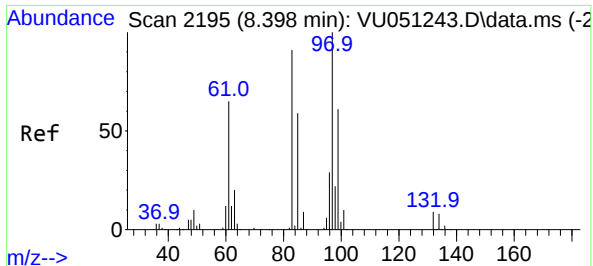
Tgt Ion: 83 Resp: 20719
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 1.1 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Tgt Ion: 63 Resp: 9468
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



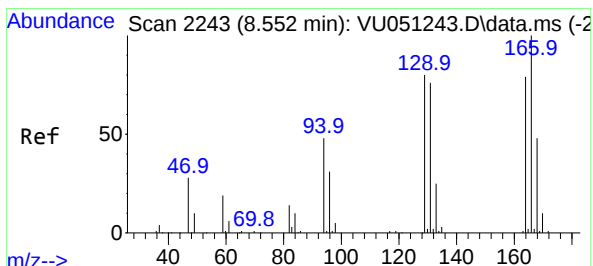
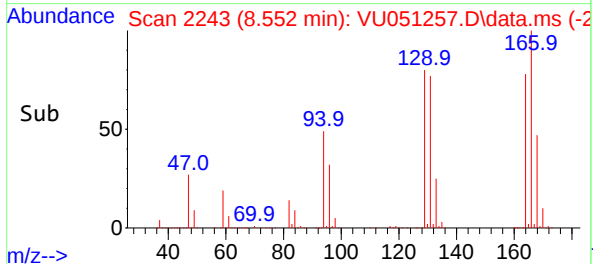
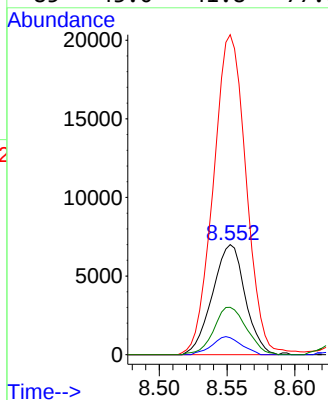
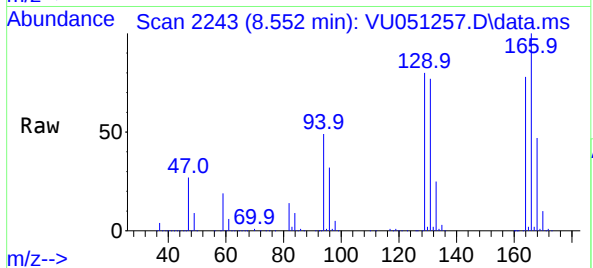


#45
1,1,2-Trichloroethane
Concen: 0.967 ug/L
RT: 8.552 min Scan# 2195
Delta R.T. 0.155 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Instrument :
MSVOA_U
ClientSampleId :
F5H68

Tgt Ion: 97 Resp: 11730

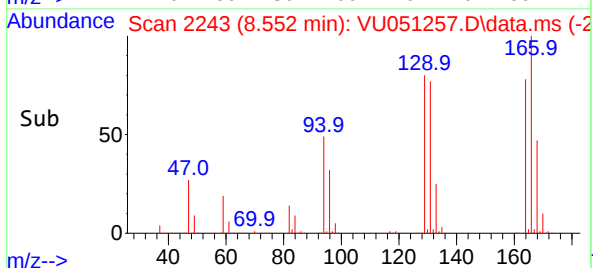
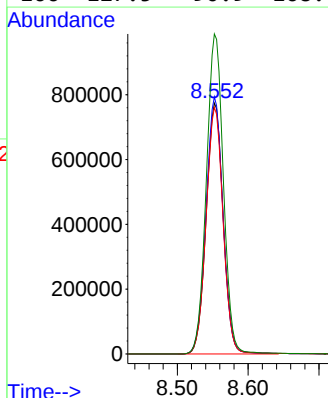
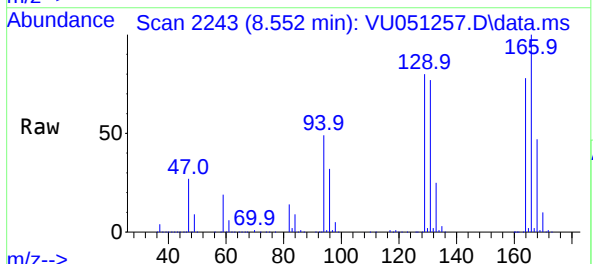
Ion	Ratio	Lower	Upper
97	100		
99	15.4	45.3	84.1#
83	290.8	63.1	117.1#
85	43.0	41.8	77.6

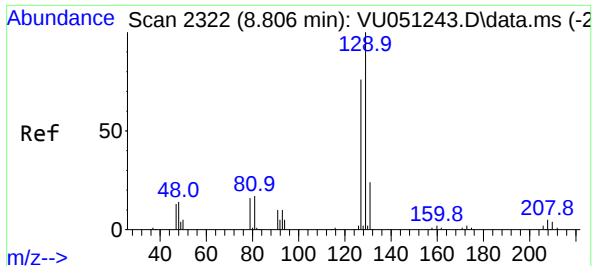


#47
Tetrachloroethene
Concen: 111.808 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051257.D
Acq: 08 Oct 2022 07:46

Tgt Ion:164 Resp: 1293315

Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.3	132.3
131	98.3	66.9	124.3
166	127.5	90.9	168.7





#49

Dibromochloromethane

Concen: 97.161 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051257.D

Acq: 08 Oct 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

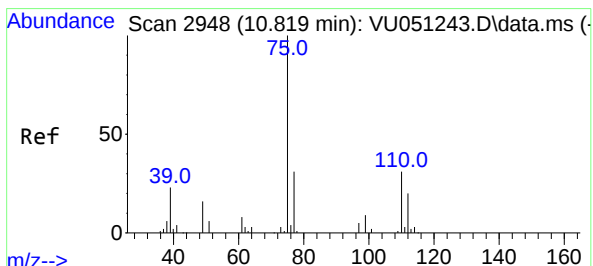
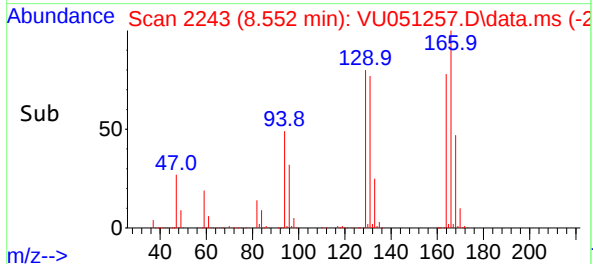
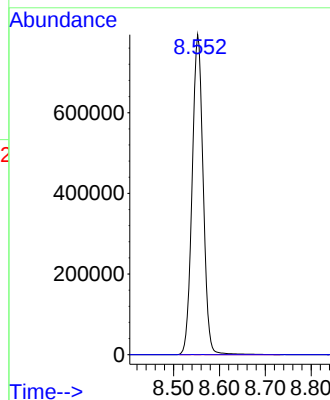
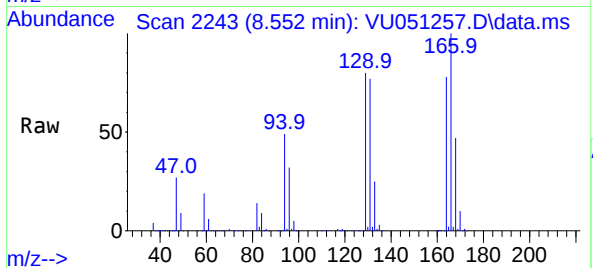
F5H68

Tgt Ion:129 Resp: 1324071

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.001 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051257.D

Acq: 08 Oct 2022 07:46

Tgt Ion: 75 Resp: 7974

Ion Ratio Lower Upper

75 100

110 0.6 27.0 40.6#

77 32.5 26.4 39.6

