

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051256.D
 Acq On : 08 Oct 2022 07:21
 Operator : JC/MD
 Sample : N4899-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H63

Quant Time: Oct 08 23:48:30 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)

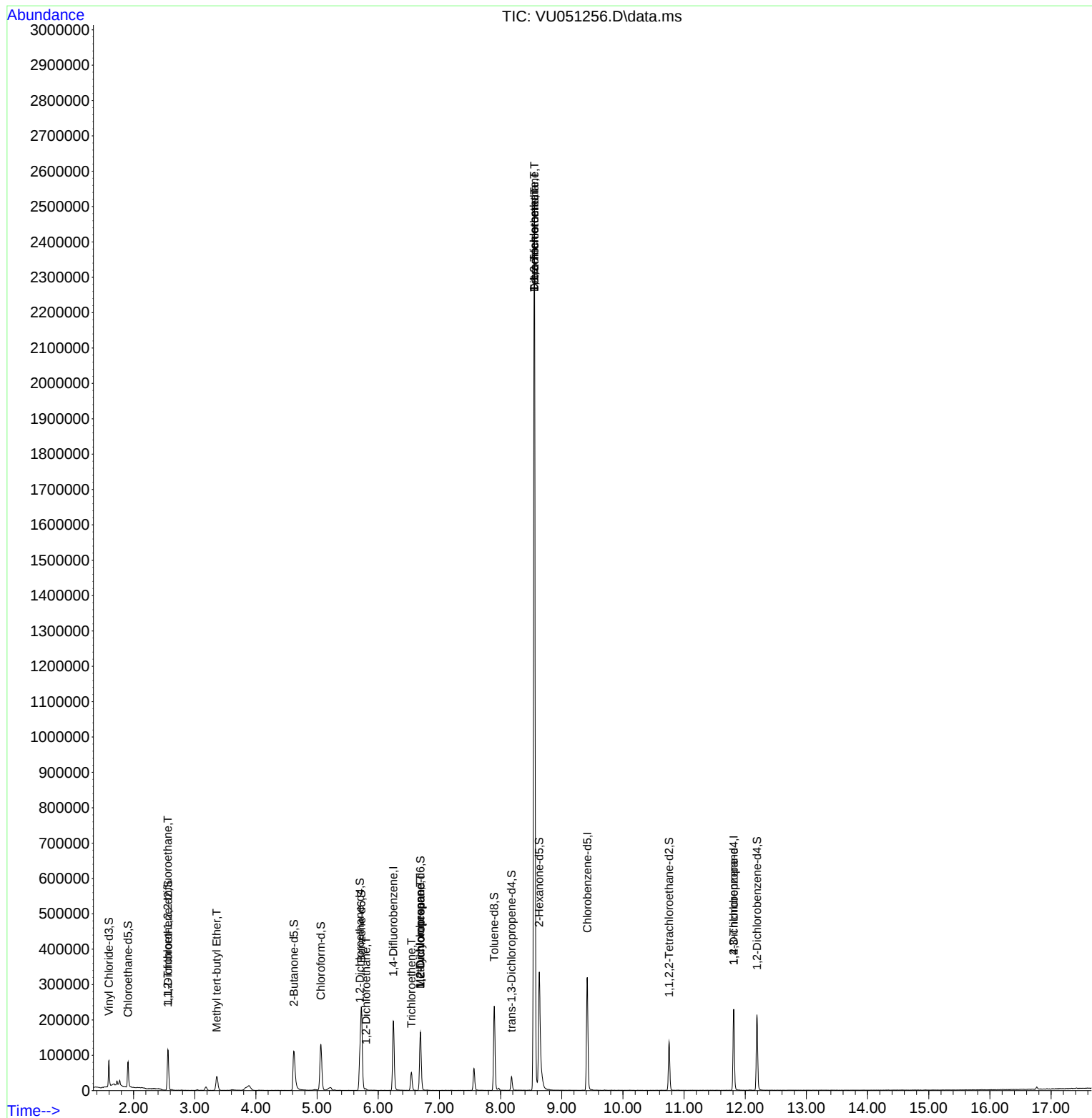
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	156205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	180511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55767	4.426	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.909	69	54062	4.994	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.562	65	21878	4.392	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.620	46	153600	55.368	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.740%	
24) Chloroform-d	5.060	84	124596	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.700	65	67325	5.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.726	84	216282	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.690	67	79764	4.730	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.896	98	163820	3.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	8.179	79	22100	3.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.632	63	92266	49.409	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.820%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	69999	5.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	55588	5.140	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	625	0.051	ug/L #	21
17) Methyl tert-butyl Ether	3.359	73	38746	1.485	ug/L	98
27) 1,2-Dichloroethane	5.800	62	3119	0.202	ug/L	98
34) Trichloroethene	6.542	95	17400	1.157	ug/L	96
35) Methylcyclohexane	6.687	83	17955	0.947	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	8602	0.521	ug/L #	88
45) 1,1,2-Trichloroethane	8.549	97	4629	0.399	ug/L #	1
47) Tetrachloroethene	8.552	164	539332	48.794	ug/L	98
49) Dibromochloromethane	8.552	129	540656	41.519	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	7276	0.926	ug/L #	68

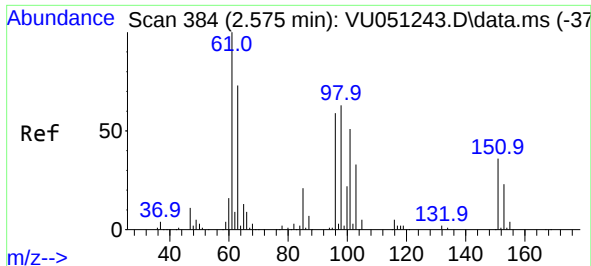
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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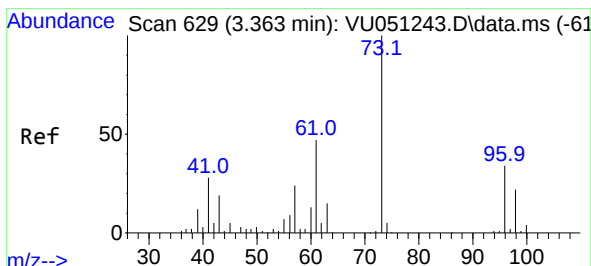
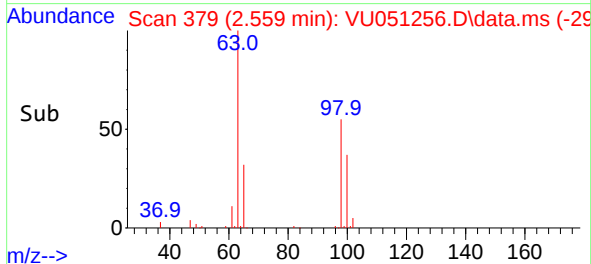
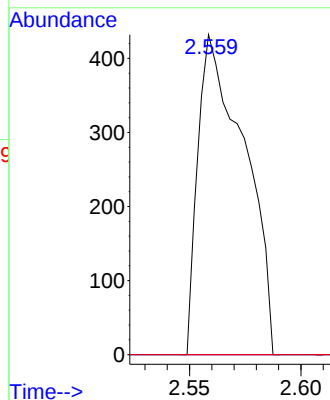
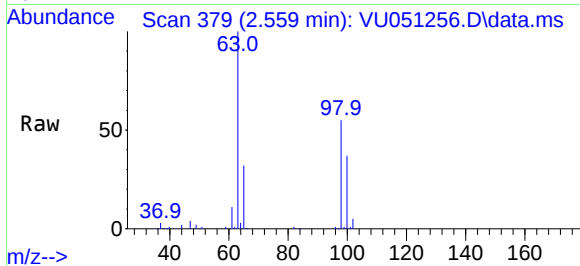




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

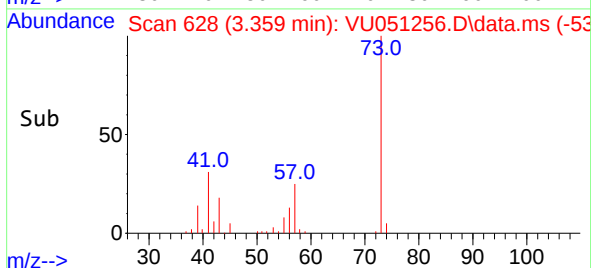
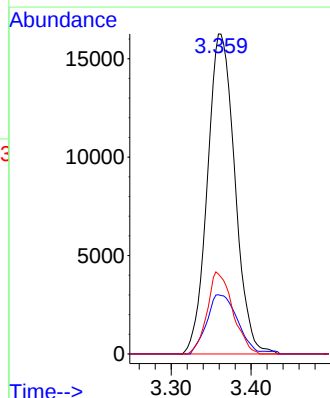
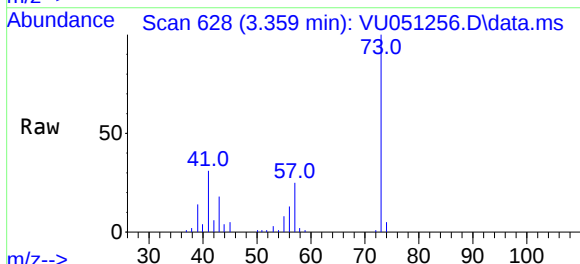
Instrument :
MSVOA_U
ClientSampleId :
F5H63

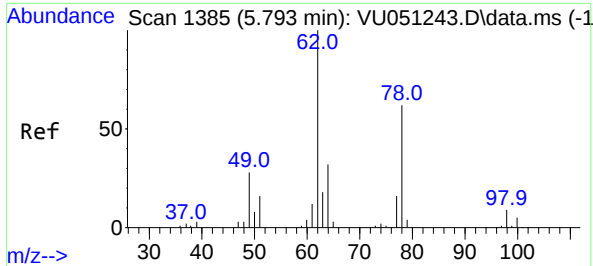
Tgt Ion:101 Resp: 625
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#17
Methyl tert-butyl Ether
Concen: 1.485 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

Tgt Ion: 73 Resp: 38746
Ion Ratio Lower Upper
73 100
43 20.6 15.4 23.0
57 23.8 18.9 28.3

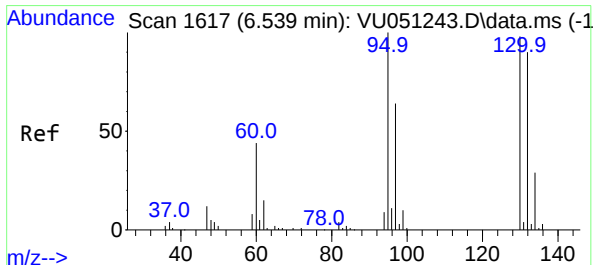
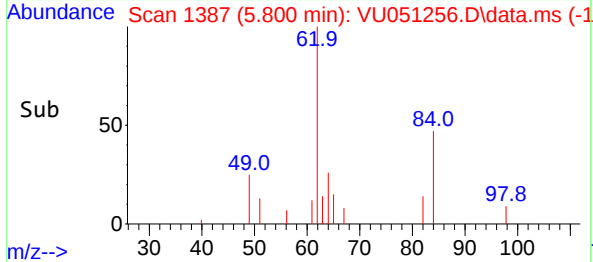
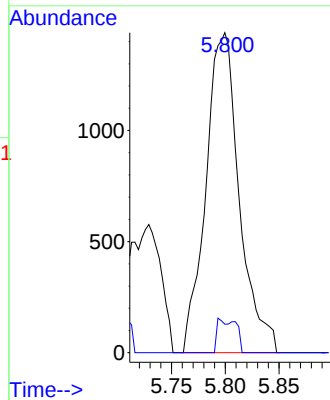
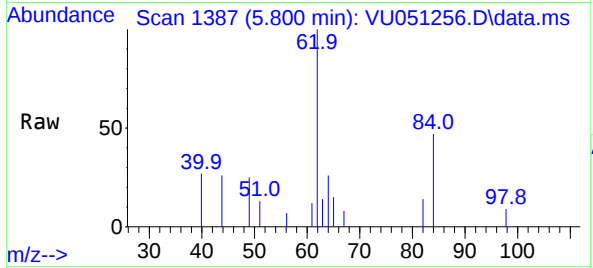




#27
1,2-Dichloroethane
Concen: 0.202 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

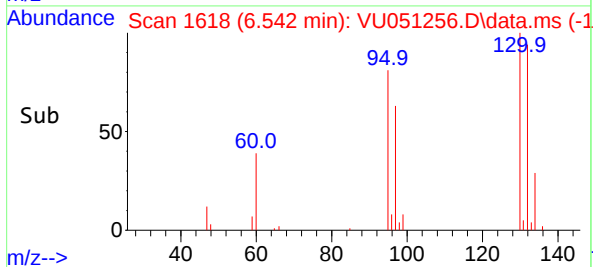
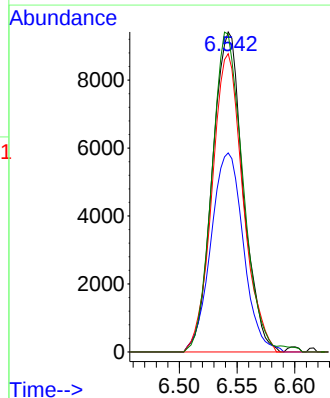
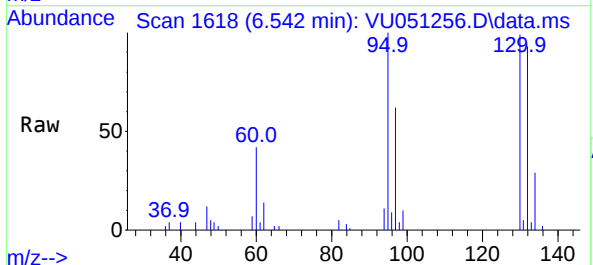
Instrument :
MSVOA_U
ClientSampleId :
F5H63

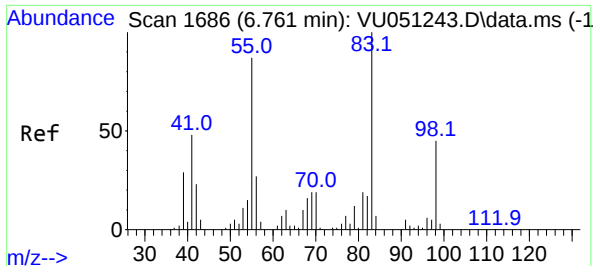
Tgt Ion: 62 Resp: 3119
Ion Ratio Lower Upper
62 100
98 8.9 7.7 11.5



#34
Trichloroethene
Concen: 1.157 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

Tgt Ion: 95 Resp: 17400
Ion Ratio Lower Upper
95 100
97 62.2 45.4 84.2
132 93.2 63.1 117.3
130 99.3 65.7 121.9

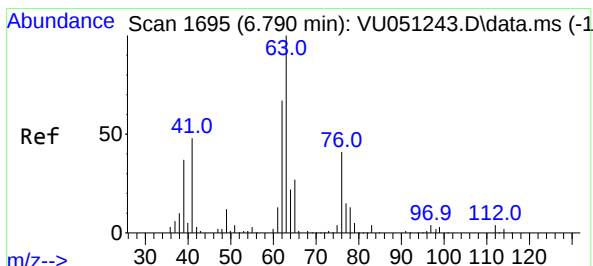
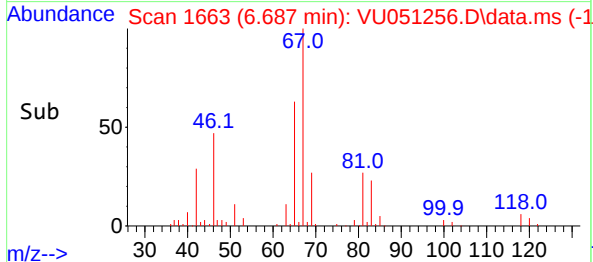
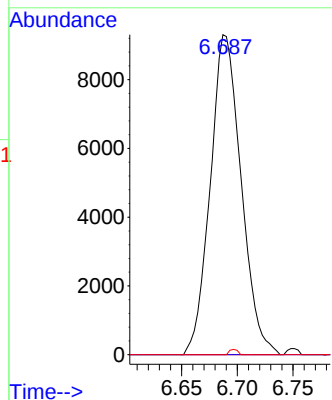
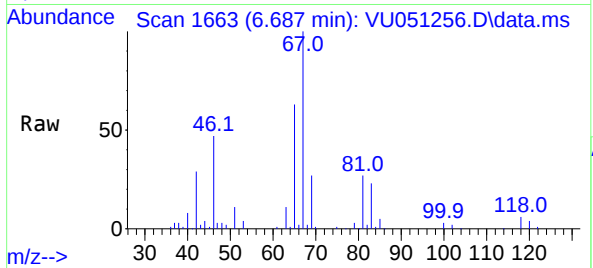




#35
Methylcyclohexane
Concen: 0.947 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

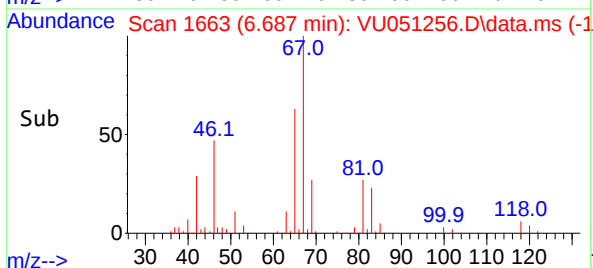
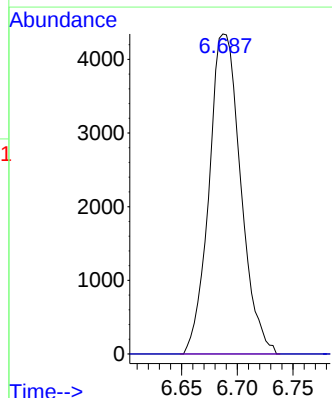
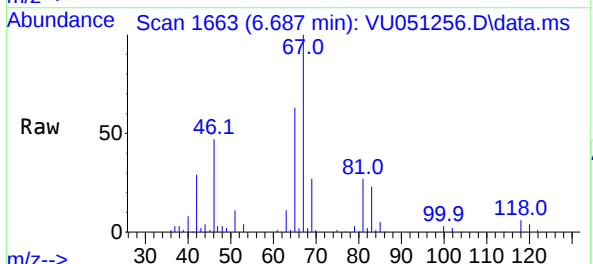
Instrument :
MSVOA_U
ClientSampleId :
F5H63

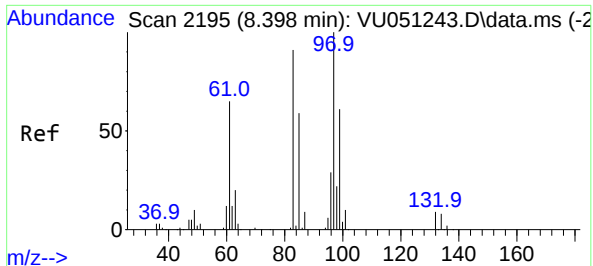
Tgt Ion: 83 Resp: 17955
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.4 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

Tgt Ion: 63 Resp: 8602
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



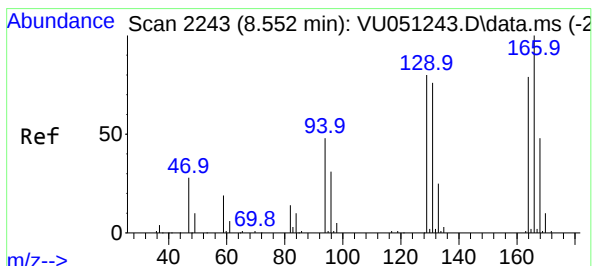
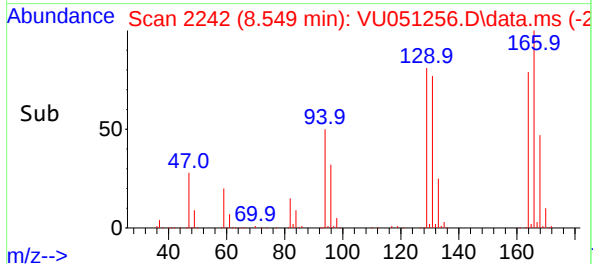
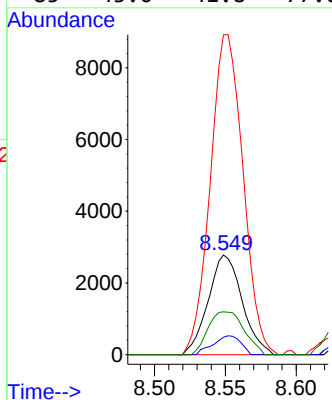
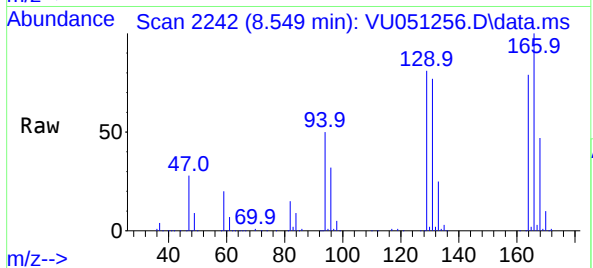


#45
1,1,2-Trichloroethane
Concen: 0.399 ug/L
RT: 8.549 min Scan# 2195
Delta R.T. 0.151 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

Instrument :
MSVOA_U
ClientSampleId :
F5H63

Tgt Ion: 97 Resp: 4629

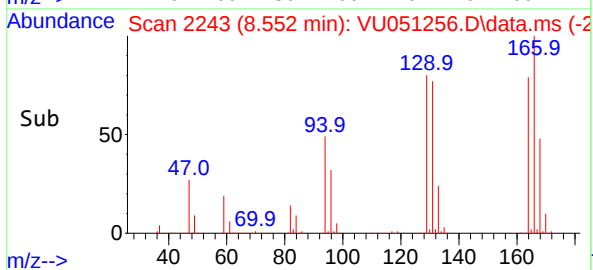
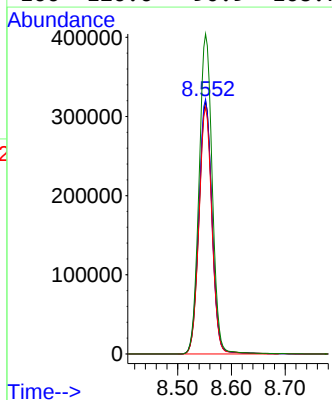
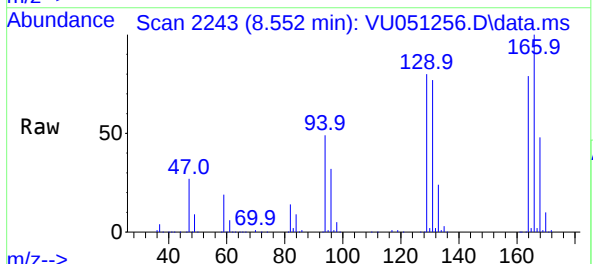
Ion	Ratio	Lower	Upper
97	100		
99	17.6	45.3	84.1#
83	320.9	63.1	117.1#
85	43.0	41.8	77.6

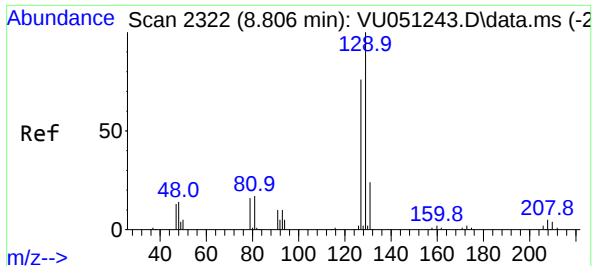


#47
Tetrachloroethene
Concen: 48.794 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051256.D
Acq: 08 Oct 2022 07:21

Tgt Ion: 164 Resp: 539332

Ion	Ratio	Lower	Upper
164	100		
129	100.8	71.3	132.3
131	97.7	66.9	124.3
166	126.6	90.9	168.7





#49

Dibromochloromethane

Concen: 41.519 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051256.D

Acq: 08 Oct 2022 07:21

Instrument :

MSVOA_U

ClientSampleId :

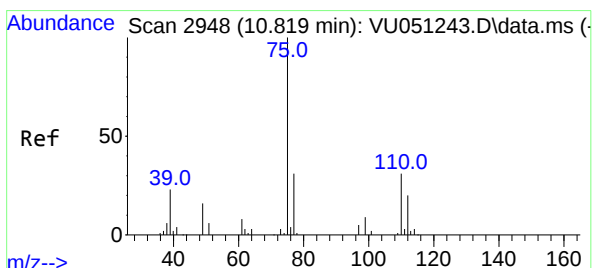
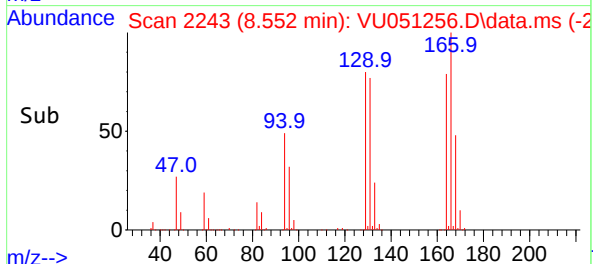
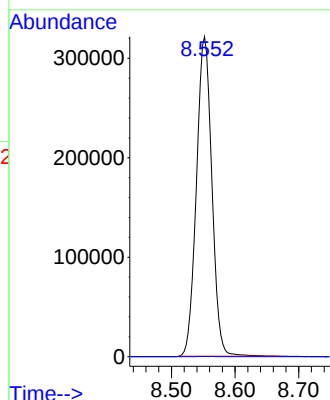
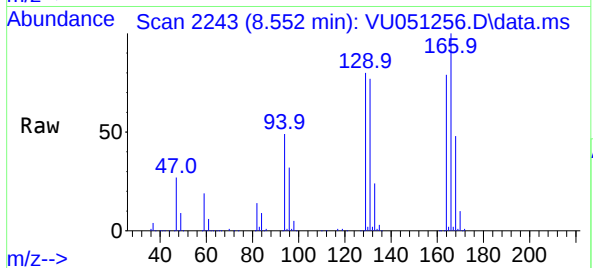
F5H63

Tgt Ion:129 Resp: 540656

Ion Ratio Lower Upper

129 100

127 0.1 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.993 min

Lab File: VU051256.D

Acq: 08 Oct 2022 07:21

Tgt Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

110 0.7 27.0 40.6#

77 35.6 26.4 39.6

