

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057522.D
 Acq On : 15 Jan 2024 12:11
 Operator : MD/SY
 Sample : P1120-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

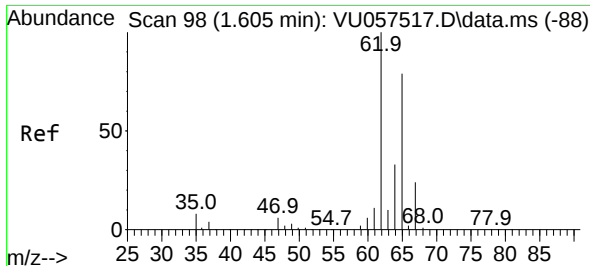
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:33:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	95972	5.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 101.200%	
7) Chloroethane-d5	1.914	69	81274	5.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.200%	
11) 1,1-Dichloroethene-d2	2.563	65	41261	5.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.800%	
20) 2-Butanone-d5	4.631	46	279280	77.840	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 155.680%#	
24) Chloroform-d	5.055	84	176931	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.000%	
26) 1,2-Dichloroethane-d4	5.695	65	106049	6.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 134.400%#	
32) Benzene-d6	5.721	84	331018	5.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.000%	
36) 1,2-Dichloropropane-d6	6.682	67	111732	6.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 126.800%	
41) Toluene-d8	7.894	98	255423	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.000%	
43) trans-1,3-Dichloroprop...	8.177	79	34652	5.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 113.000%	
46) 2-Hexanone-d5	8.631	63	181998	81.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 163.960%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100534	8.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 168.800%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	86277	5.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 114.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2281	0.162	ug/L #	9
8) Chloroethane	1.933	64	2624	0.298	ug/L	87
12) 1,1-Dichloroethene	2.576	96	13301	1.218	ug/L #	1
14) Carbon disulfide	2.795	76	3218	0.105	ug/L #	74
16) Methylene chloride	3.046	84	2742	0.186	ug/L	85
19) 1,1-Dichloroethane	3.862	63	61236	2.503	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	14227	1.127	ug/L	96
34) Trichloroethene	6.537	95	41819	3.493	ug/L	98
37) 1,2-Dichloropropane	6.685	63	13279	1.027	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2551	0.149	ug/L #	81
47) Tetrachloroethene	8.547	164	4940	0.621	ug/L	95
49) Dibromochloromethane	8.547	129	5139	0.575	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	10175	1.452	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.759	75	238	0.177	ug/L #	10

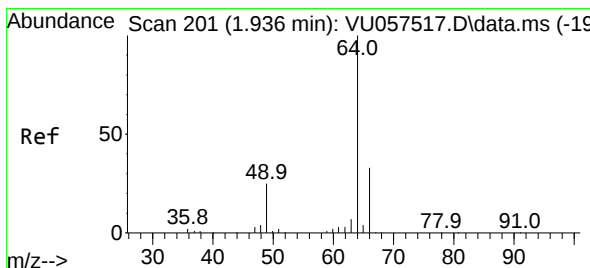
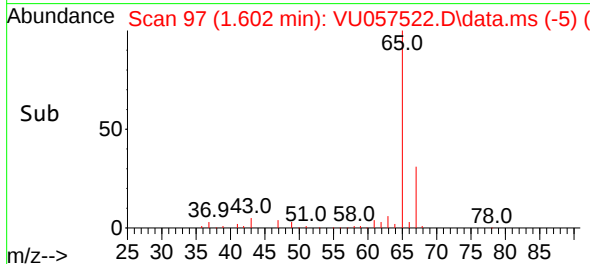
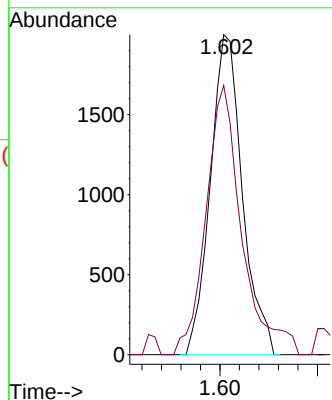
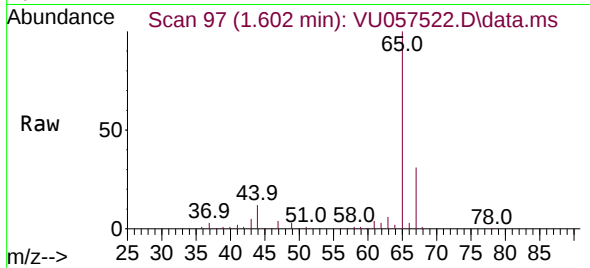
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.162 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057522.D
 Acq: 15 Jan 2024 12:11

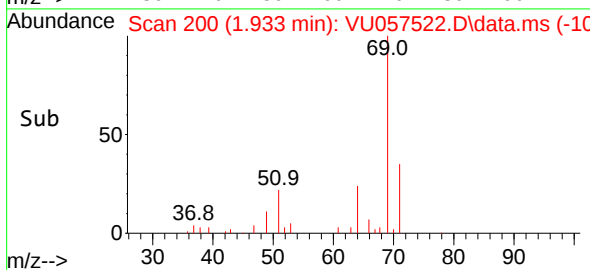
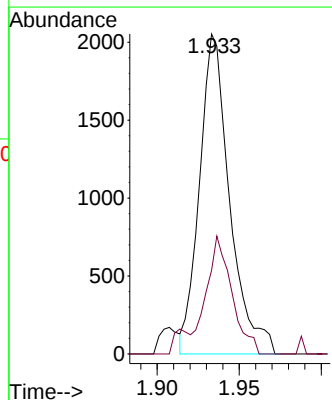
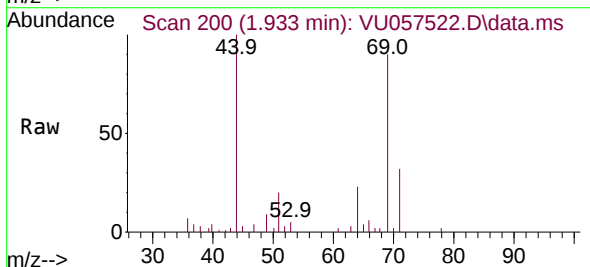
Instrument :
 MSVOA_U
 ClientSampleId :

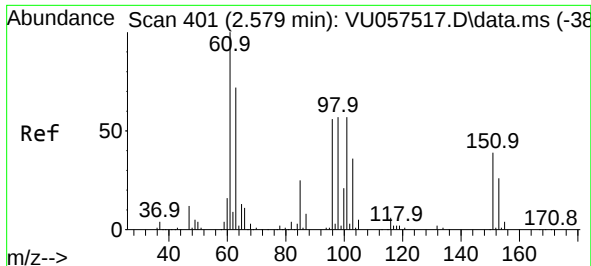
Tgt Ion: 62 Resp: 2281
 Ion Ratio Lower Upper
 62 100
 64 84.1 22.9 42.5#



#8
 Chloroethane
 Concen: 0.298 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. -0.003 min
 Lab File: VU057522.D
 Acq: 15 Jan 2024 12:11

Tgt Ion: 64 Resp: 2624
 Ion Ratio Lower Upper
 64 100
 66 26.1 23.3 43.3





#12

1,1-Dichloroethene

Concen: 1.218 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU057522.D

Acq: 15 Jan 2024 12:11

Instrument :

MSVOA_U

ClientSampleId :

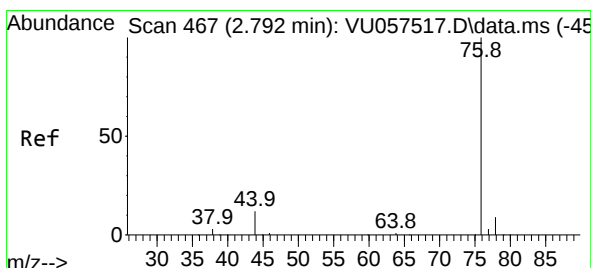
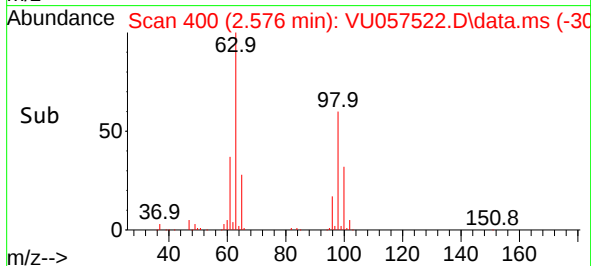
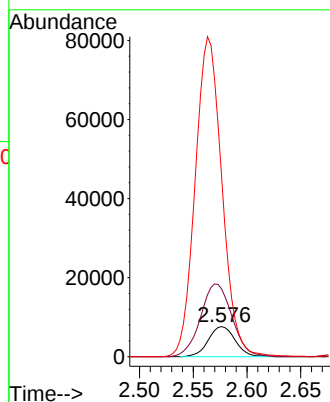
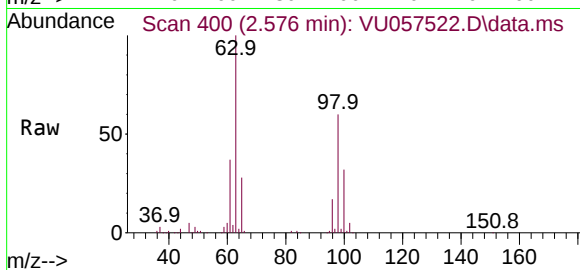
Tgt Ion: 96 Resp: 13301

Ion Ratio Lower Upper

96 100

61 225.7 130.9 243.1

63 603.9 114.8 213.2#



#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU057522.D

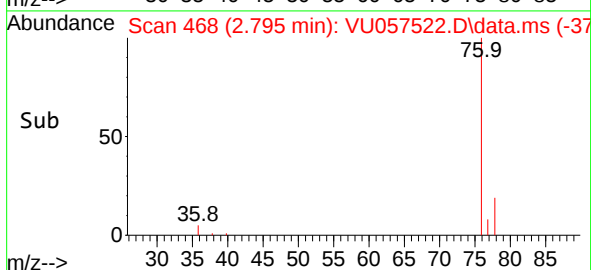
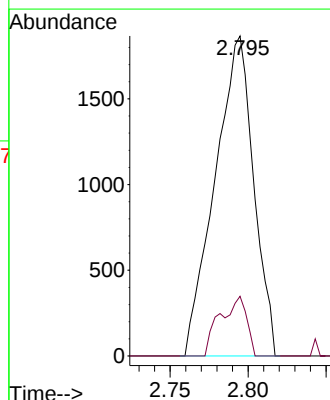
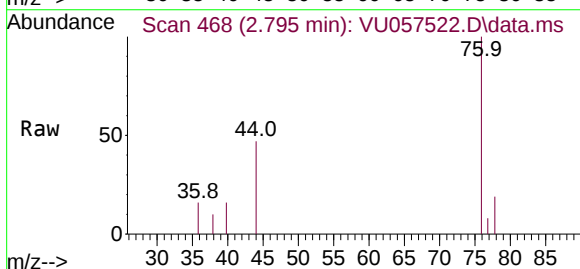
Acq: 15 Jan 2024 12:11

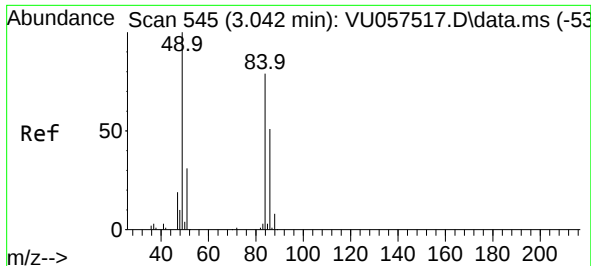
Tgt Ion: 76 Resp: 3218

Ion Ratio Lower Upper

76 100

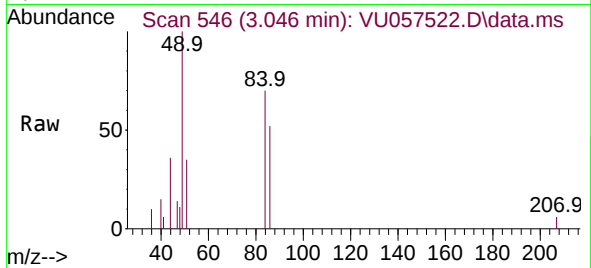
78 18.6 7.3 10.9#



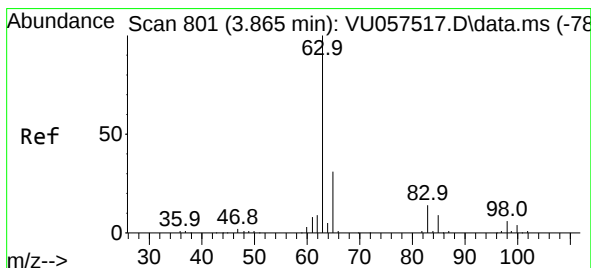
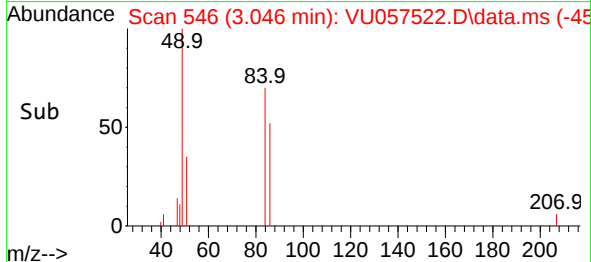
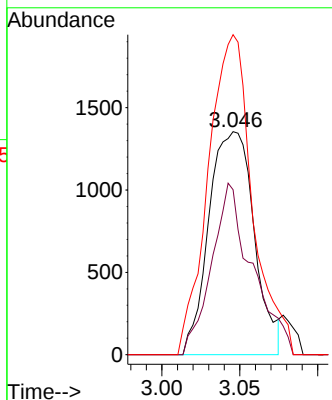


#16
Methylene chloride
Concen: 0.186 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

Instrument :
MSVOA_U
ClientSampleId :

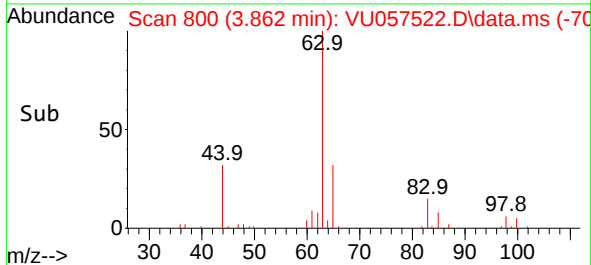
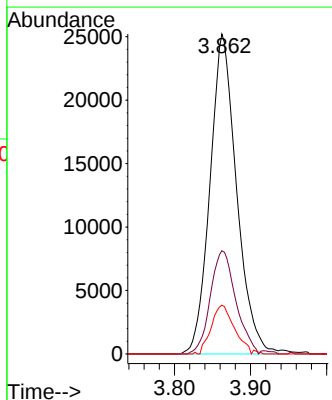
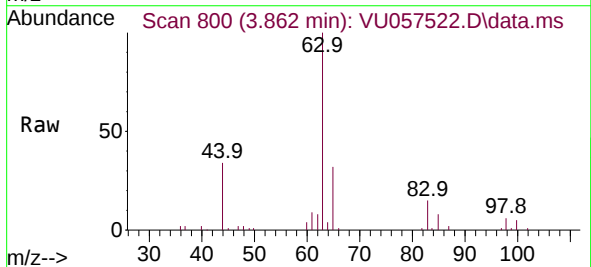


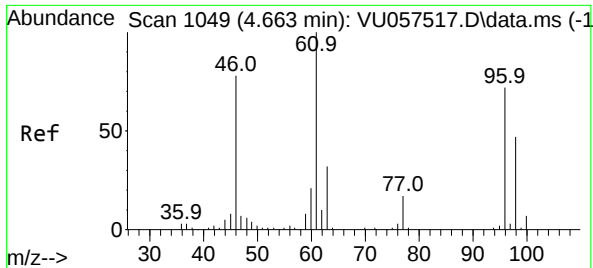
Tgt Ion: 84 Resp: 2742
Ion Ratio Lower Upper
84 100
86 74.0 45.8 85.2
49 143.5 86.7 161.1



#19
1,1-Dichloroethane
Concen: 2.503 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

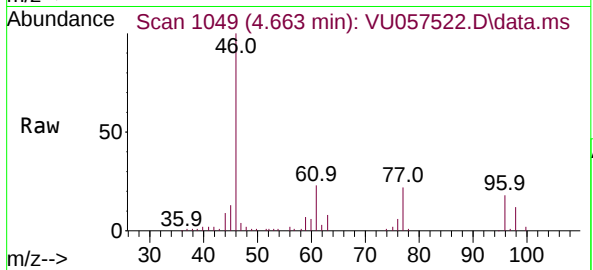
Tgt Ion: 63 Resp: 61236
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.3
83 15.2 9.1 16.9



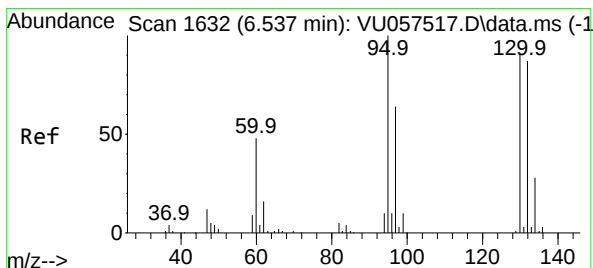
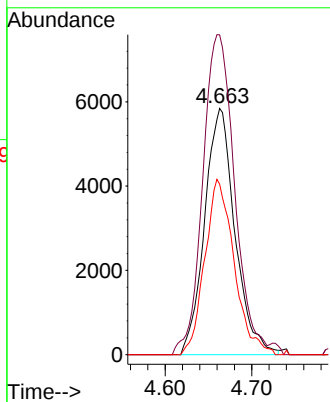
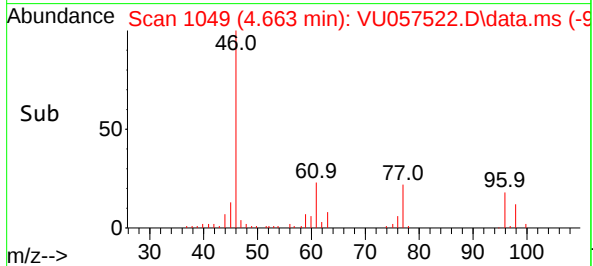


#22
cis-1,2-Dichloroethene
Concen: 1.127 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

Instrument :
MSVOA_U
ClientSampleId :

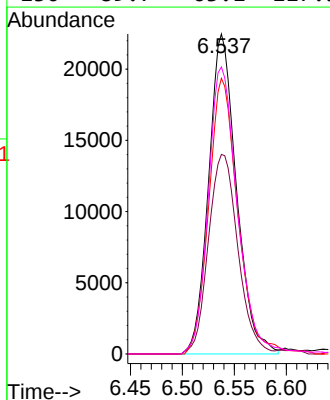
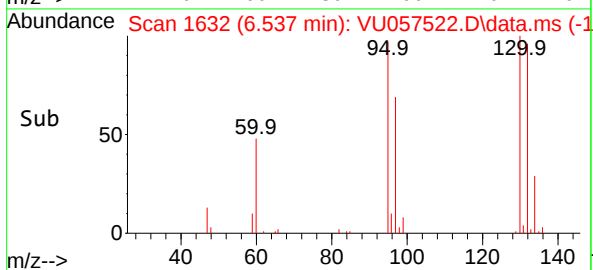
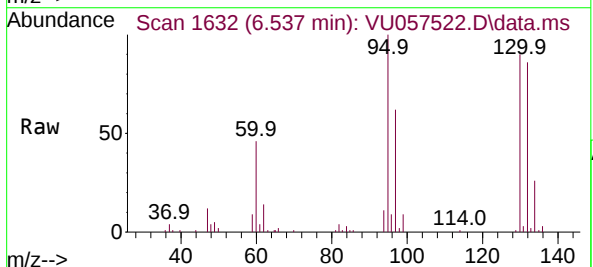


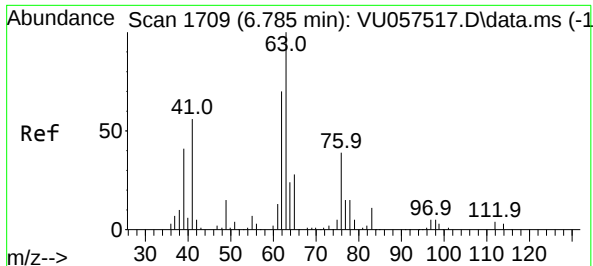
Tgt Ion:	96	Resp:	14227
Ion	Ratio	Lower	Upper
96	100		
61	129.9	93.4	173.4
98	69.3	44.9	83.3



#34
Trichloroethene
Concen: 3.493 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057522.D
Acq: 15 Jan 2024 12:11

Tgt Ion:	95	Resp:	41819
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.0	83.6
132	86.2	61.7	114.5
130	89.7	63.1	117.3





#37

1,2-Dichloropropane

Concen: 1.027 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057522.D

Acq: 15 Jan 2024 12:11

Instrument :

MSVOA_U

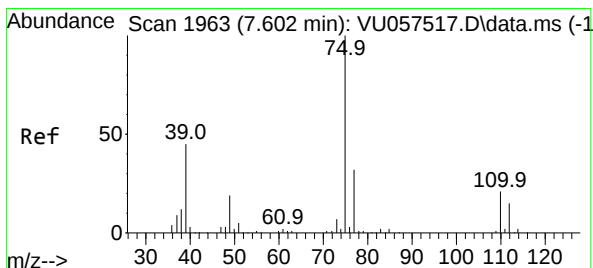
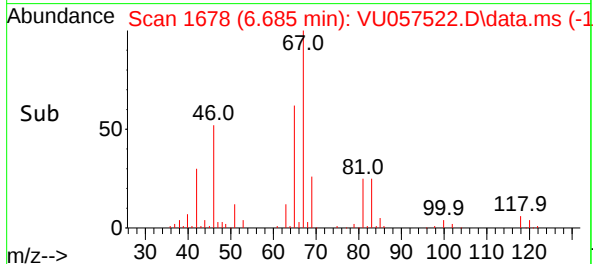
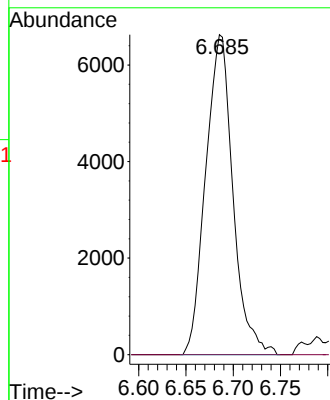
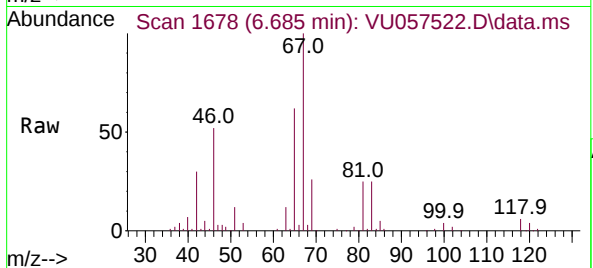
ClientSampleId :

Tgt Ion: 63 Resp: 13279

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 0.149 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057522.D

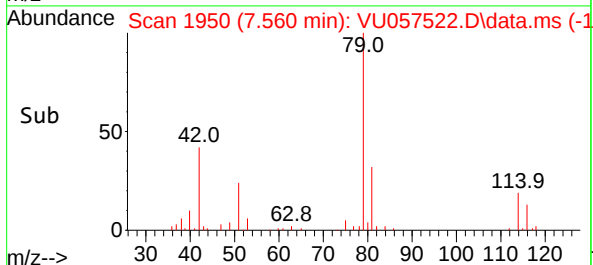
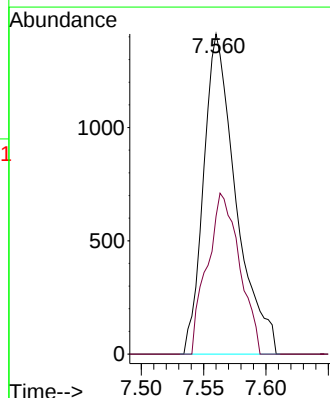
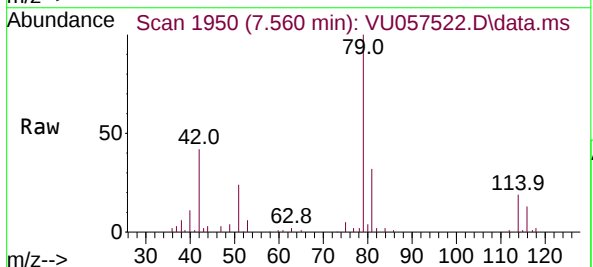
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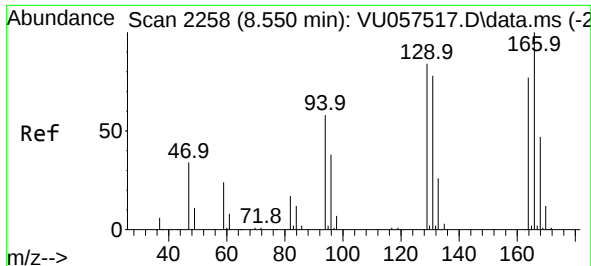
Tgt Ion: 75 Resp: 2551

Ion Ratio Lower Upper

75 100

77 43.0 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.621 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

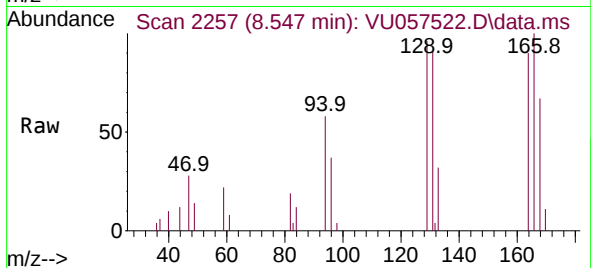
Lab File: VU057522.D

Acq: 15 Jan 2024 12:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4940

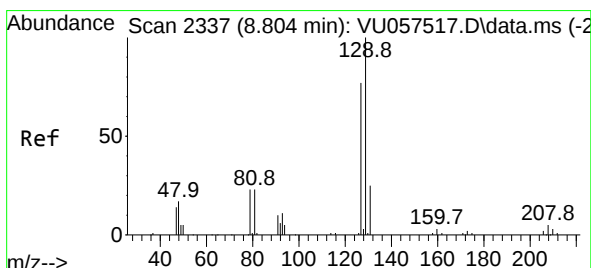
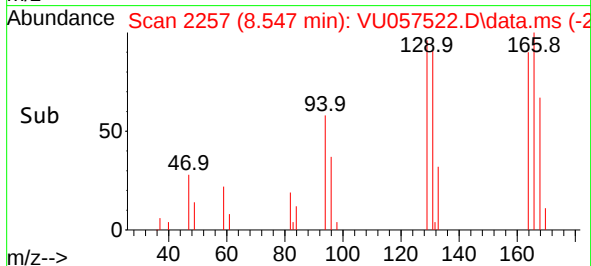
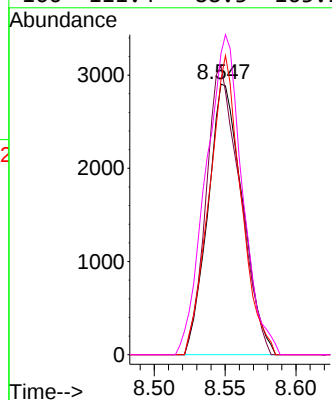
Ion Ratio Lower Upper

164 100

129 106.6 74.8 138.8

131 101.7 70.3 130.7

166 111.4 88.3 163.9



#49

Dibromochloromethane

Concen: 0.575 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057522.D

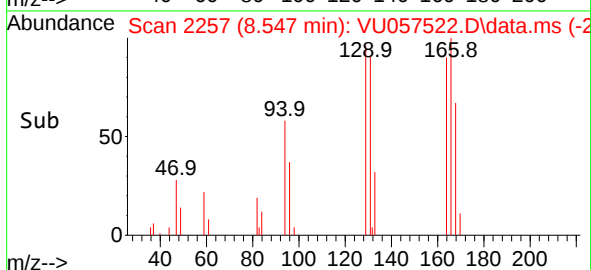
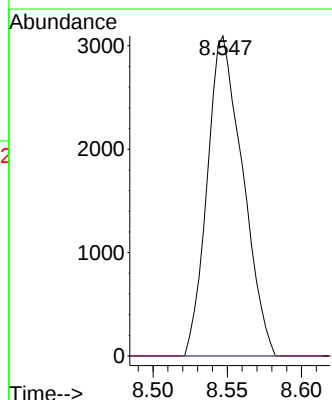
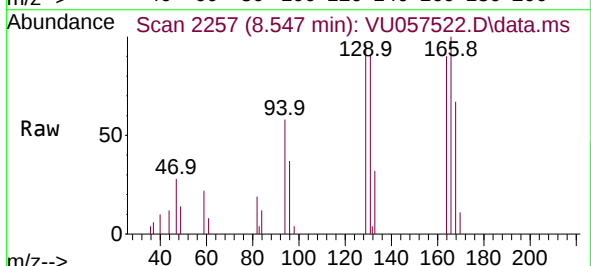
Acq: 15 Jan 2024 12:11

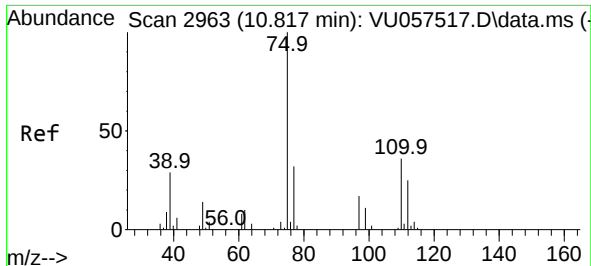
Tgt Ion:129 Resp: 5139

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

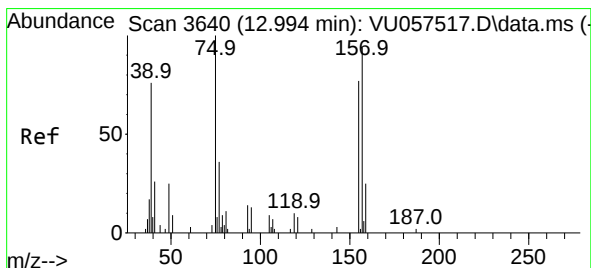
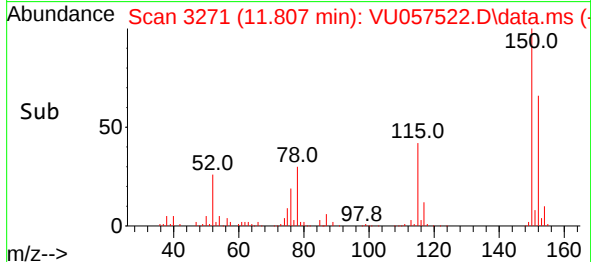
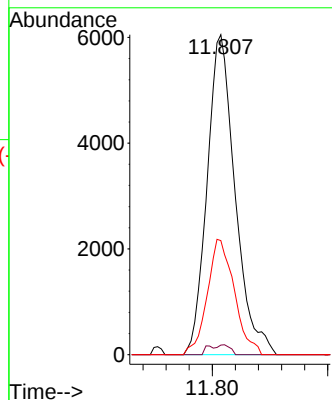
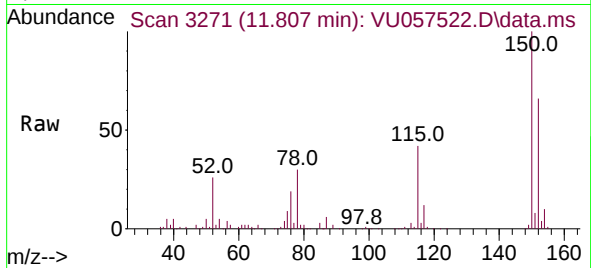




#61
 1,2,3-Trichloropropane
 Concen: 1.452 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057522.D
 Acq: 15 Jan 2024 12:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 10175
 Ion Ratio Lower Upper
 75 100
 110 1.4 29.4 44.0#
 77 34.8 26.2 39.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.177 ug/L
 RT: 12.759 min Scan# 3567
 Delta R.T. -0.235 min
 Lab File: VU057522.D
 Acq: 15 Jan 2024 12:11

Tgt Ion: 75 Resp: 238
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.4 83.0#
 157 0.0 68.6 102.8#

