

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052076.D
 Acq On : 23 Nov 2022 08:01
 Operator : JC/MD
 Sample : N5693-12DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 08:26:56 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)

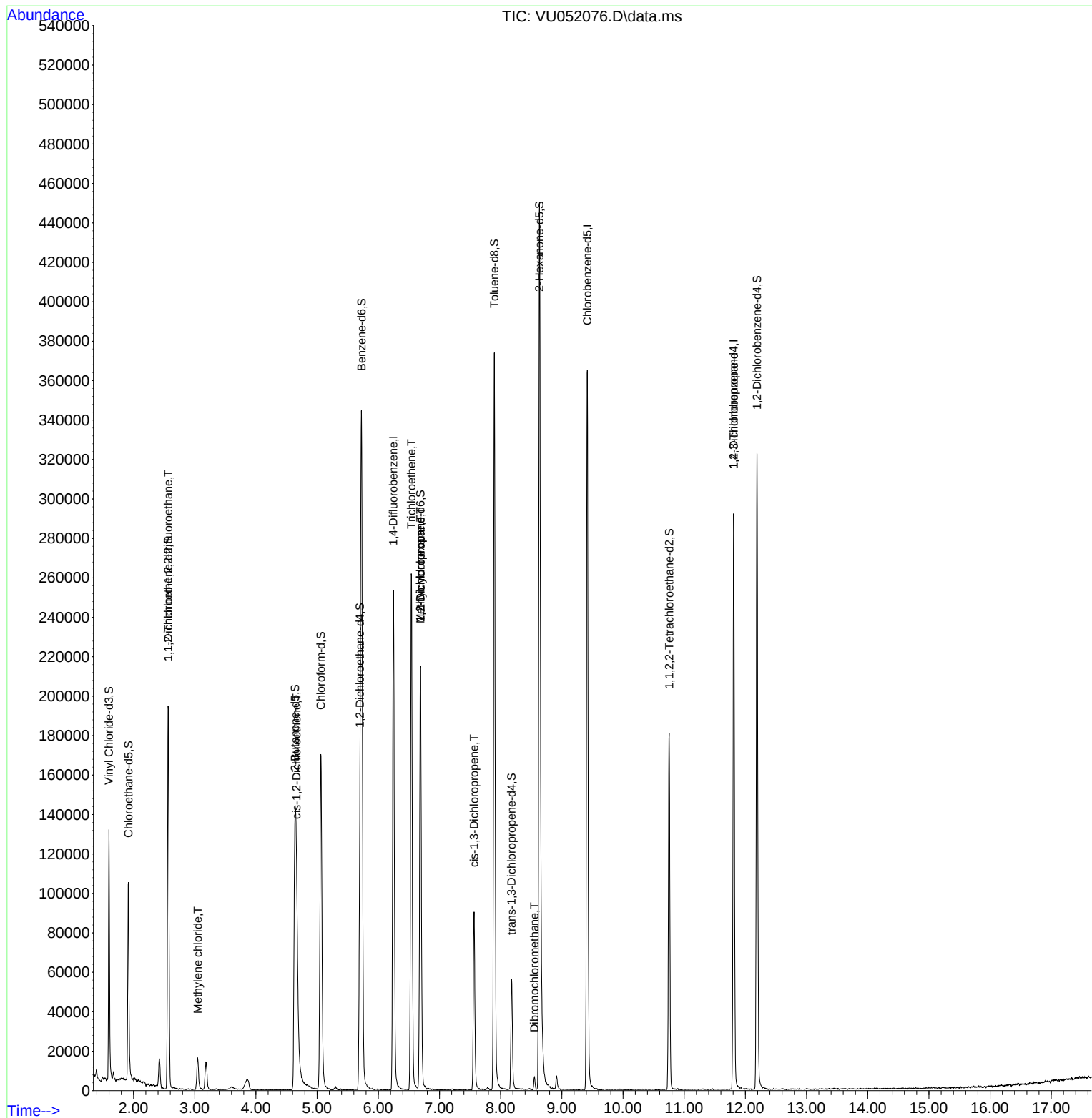
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95526	4.689	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.916	69	80244	5.071	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.565	65	36512	5.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.639	46	218463	59.156	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.320%	
24) Chloroform-d	5.060	84	163296	5.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.000%	
26) 1,2-Dichloroethane-d4	5.700	65	85558	5.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.200%	
32) Benzene-d6	5.726	84	337576	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.400%	
36) 1,2-Dichloropropane-d6	6.690	67	110335	5.561	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.896	98	264900	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	8.179	79	34380	4.755	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.633	63	160099	52.253	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.500%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94400	5.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	90778	5.850	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1073	0.070	ug/L #	1
16) Methylene chloride	3.048	84	8569	0.417	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	20703	1.211	ug/L	91
34) Trichloroethene	6.539	95	92409	5.272	ug/L	95
35) Methylcyclohexane	6.687	83	24555	0.974	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11295	0.621	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2220	0.095	ug/L #	61
49) Dibromochloromethane	8.552	129	1478	0.097	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9478	1.022	ug/L #	70

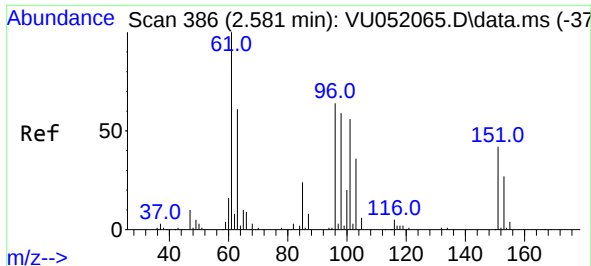
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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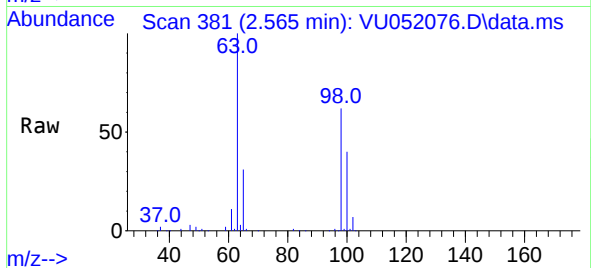
Quant Time: Nov 23 08:26:56 2022
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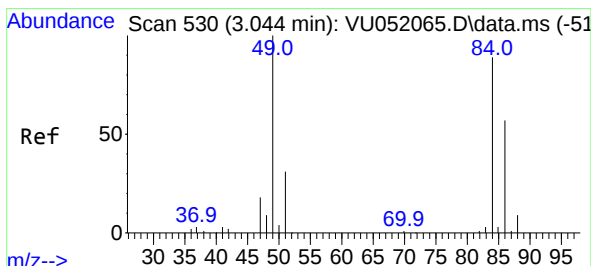
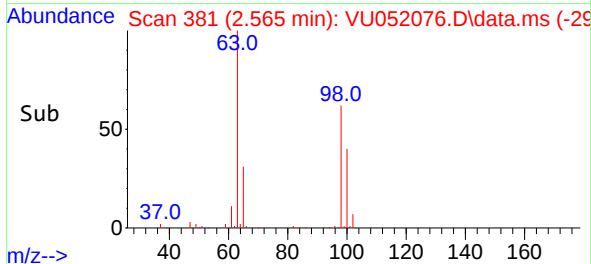
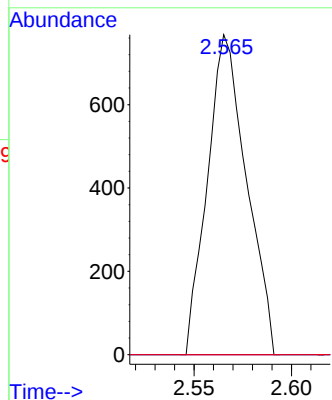


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.565 min Scan# 310
Delta R.T. -0.013 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

Instrument :
MSVOA_U
ClientSampleId :

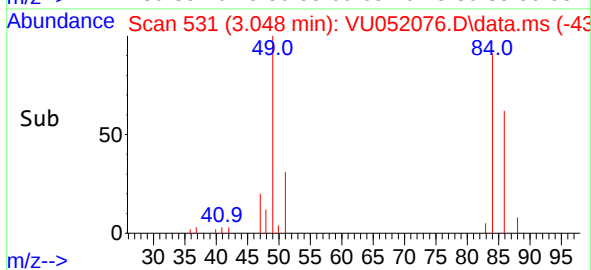
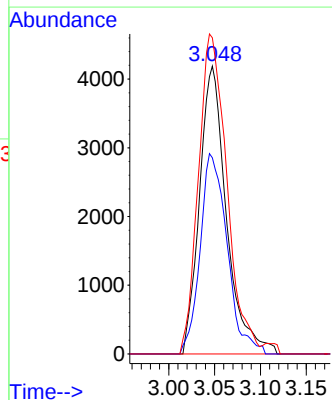
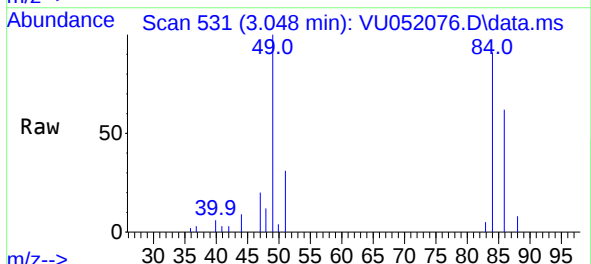


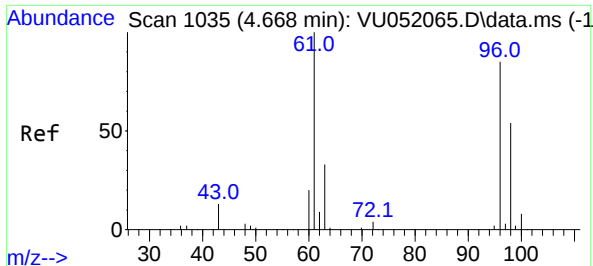
Tgt Ion:101 Resp: 1073
Ion Ratio Lower Upper
101 100
85 458.4 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.417 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

Tgt Ion: 84 Resp: 8569
Ion Ratio Lower Upper
84 100
86 68.1 43.8 81.4
49 109.8 75.9 141.1





#22

cis-1,2-Dichloroethene

Concen: 1.211 ug/L

RT: 4.665 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU052076.D

Acq: 23 Nov 2022 08:01

Instrument :

MSVOA_U

ClientSampleId :

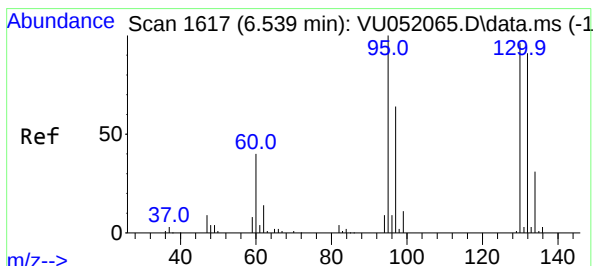
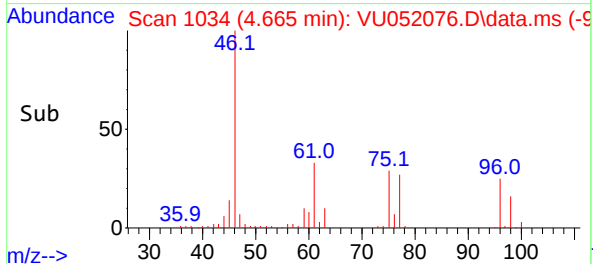
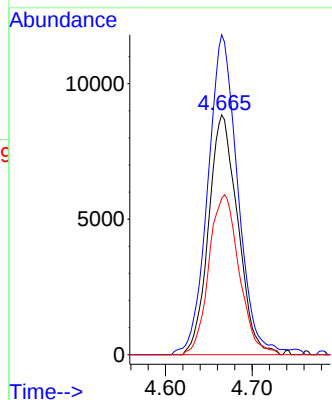
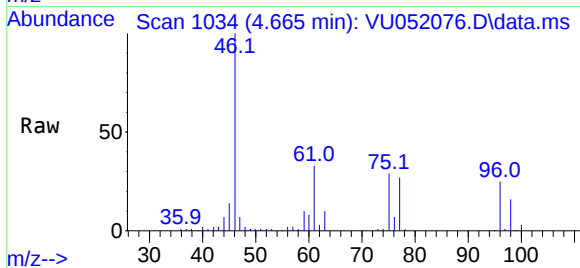
Tgt Ion: 96 Resp: 20703

Ion Ratio Lower Upper

96 100

61 133.4 85.1 158.1

98 65.1 42.8 79.6



#34

Trichloroethene

Concen: 5.272 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052076.D

Acq: 23 Nov 2022 08:01

Tgt Ion: 95 Resp: 92409

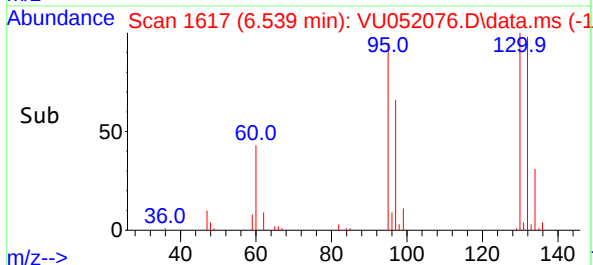
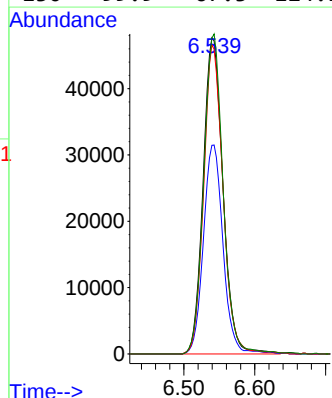
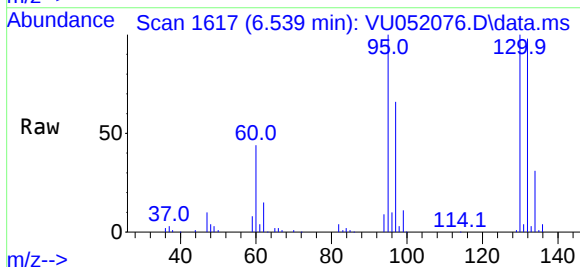
Ion Ratio Lower Upper

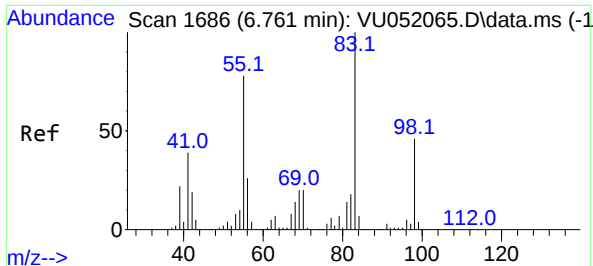
95 100

97 66.0 43.7 81.1

132 97.7 64.3 119.3

130 99.9 67.3 124.9

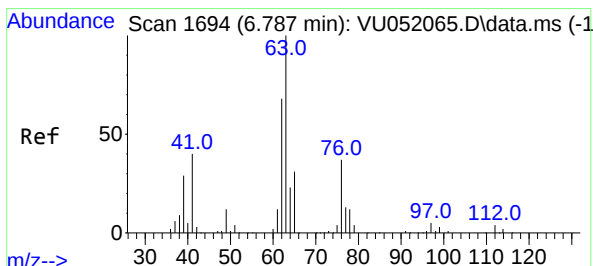
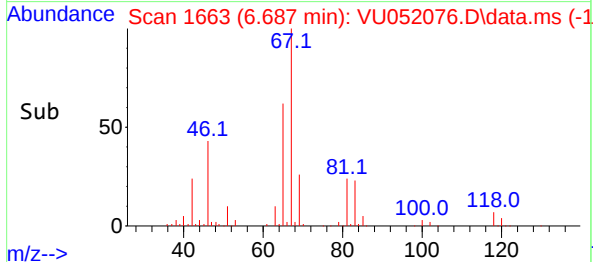
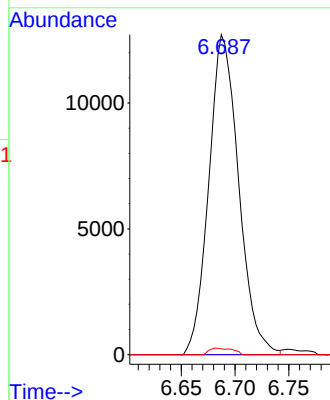
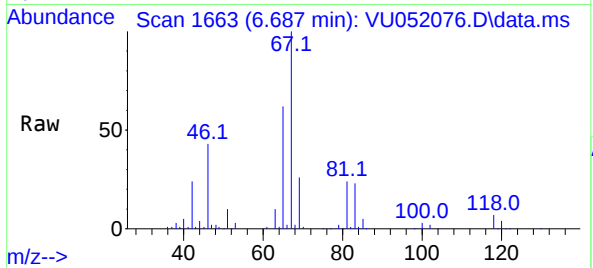




#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

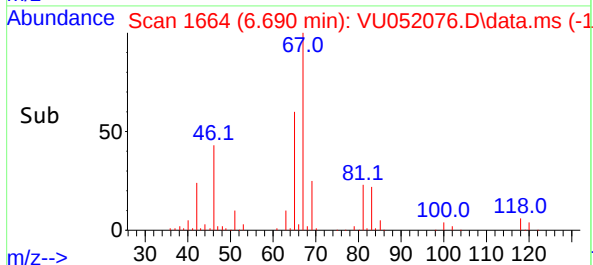
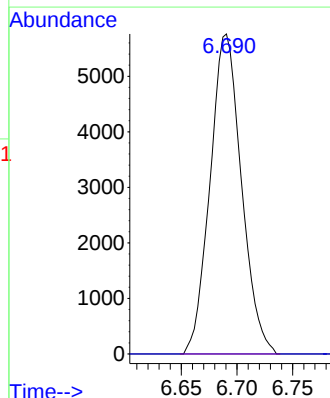
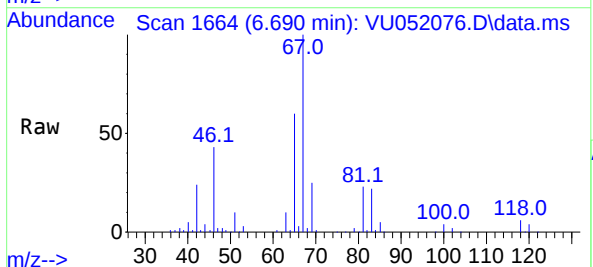
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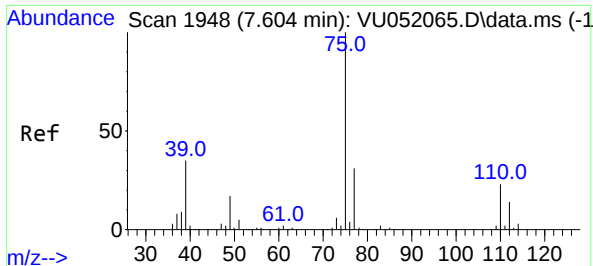
Tgt Ion: 83 Resp: 24555
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

Tgt Ion: 63 Resp: 11295
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

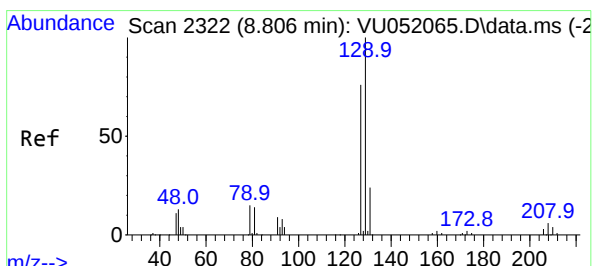
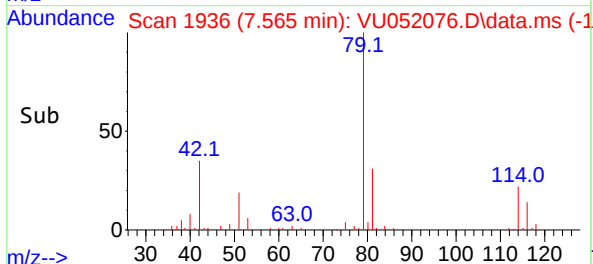
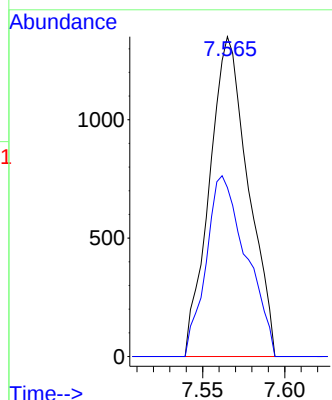
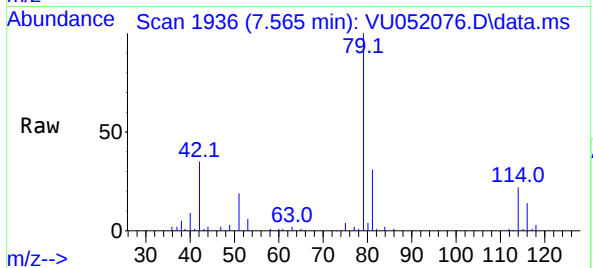




#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.565 min Scan# 1948
Delta R.T. -0.038 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

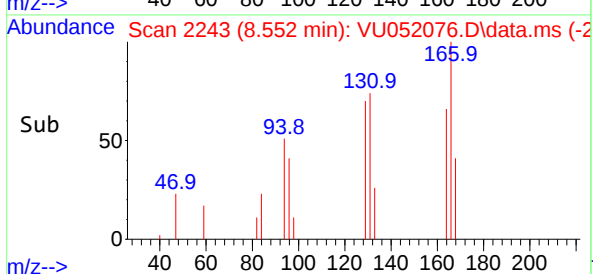
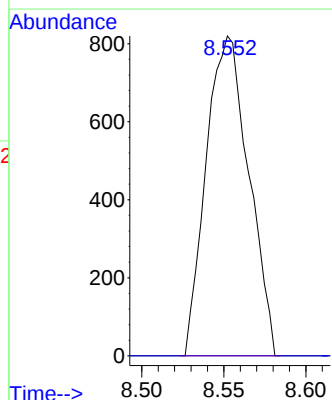
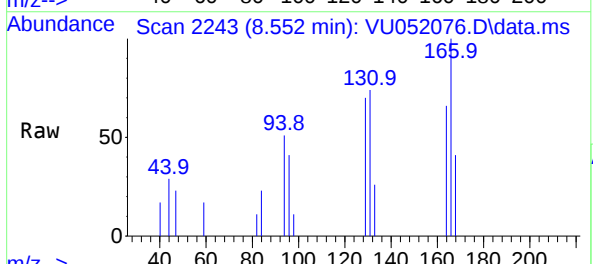
Instrument :
MSVOA_U
ClientSampleId :

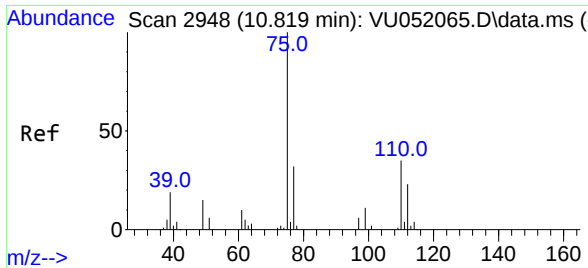
Tgt Ion: 75 Resp: 2220
Ion Ratio Lower Upper
75 100
77 52.8 22.0 40.8#



#49
Dibromochloromethane
Concen: 0.097 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052076.D
Acq: 23 Nov 2022 08:01

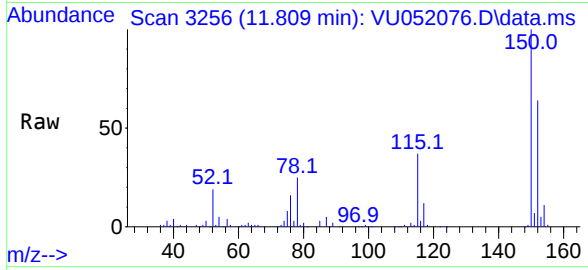
Tgt Ion: 129 Resp: 1478
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.022 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU052076.D
 Acq: 23 Nov 2022 08:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9478

Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.3	42.5#
77	32.5	26.2	39.2

