

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051712.D
 Acq On : 03 Nov 2022 00:35
 Operator : JC/MD
 Sample : N5301-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN3

Quant Time: Nov 03 04:29:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

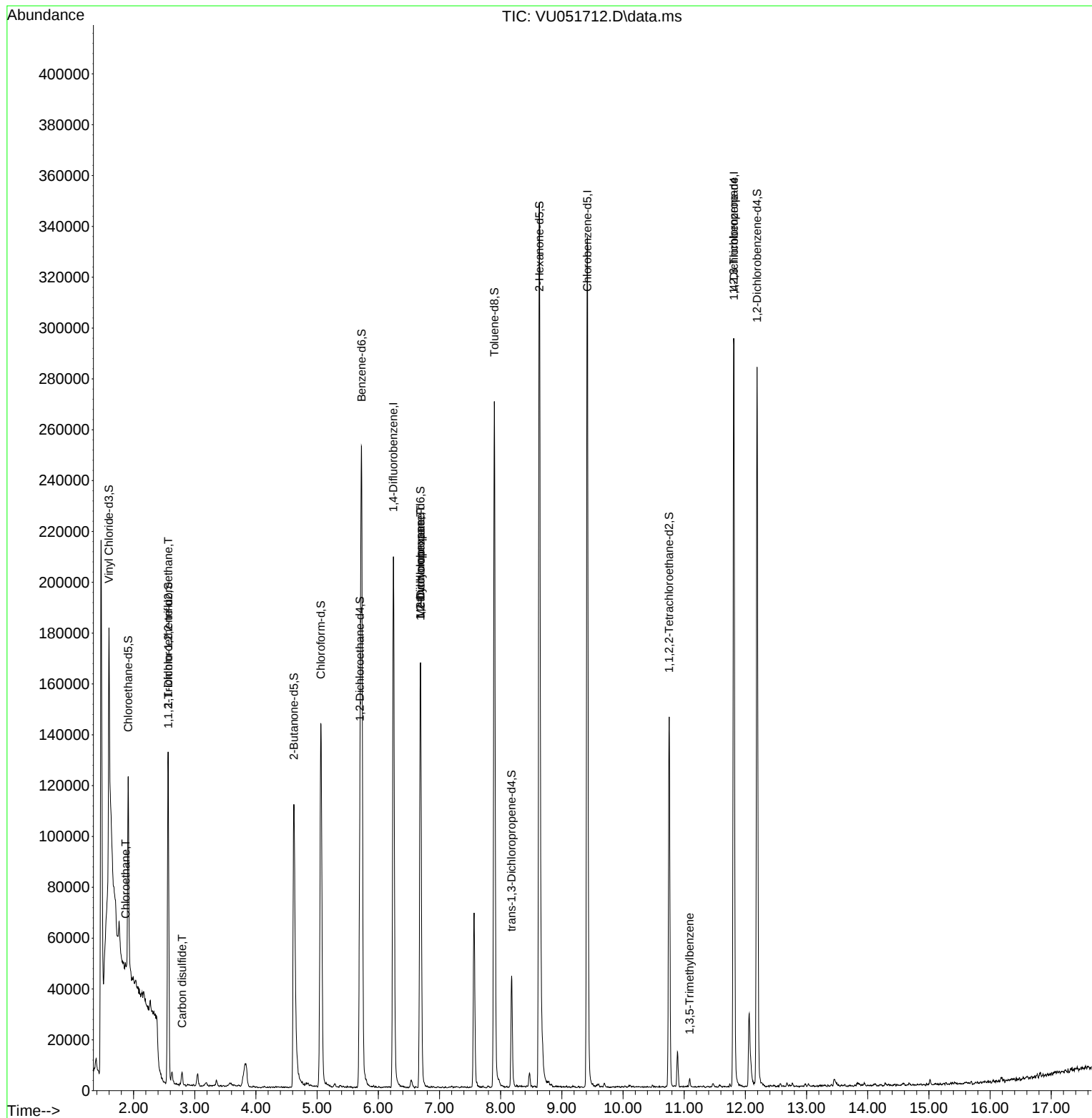
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	172129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61843	4.770	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.912	69	57434	4.248	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.565	65	24809	5.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.400%	
20) 2-Butanone-d5	4.620	46	162708	34.656	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.320%	
24) Chloroform-d	5.060	84	134381	4.430	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.700	65	66946	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
32) Benzene-d6	5.726	84	249567	4.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.690	67	85853	4.003	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.000%	
41) Toluene-d8	7.896	98	190980	3.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	8.179	79	25649	3.911	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.632	63	117763	29.828	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	59.660%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	75644	3.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	76514	4.982	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
8) Chloroethane	1.867	64	1506	0.109	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	894	0.061	ug/L #	19
14) Carbon disulfide	2.793	76	6952	0.144	ug/L	98
35) Methylcyclohexane	6.690	83	19467	0.761	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	8818	0.447	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9908	0.916	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.089	105	2280	0.139	ug/L	100

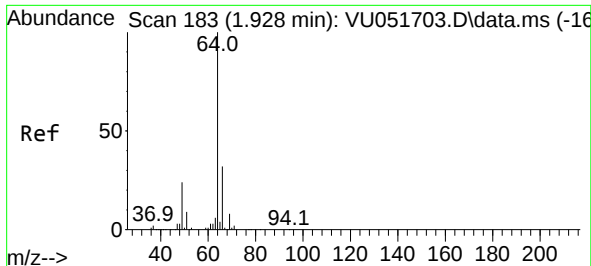
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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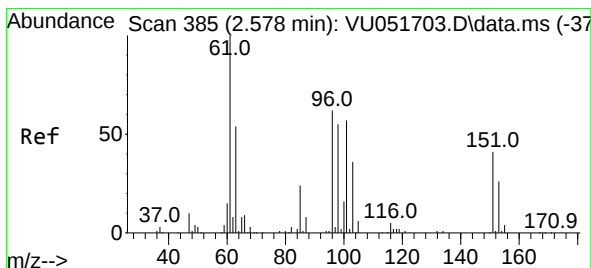
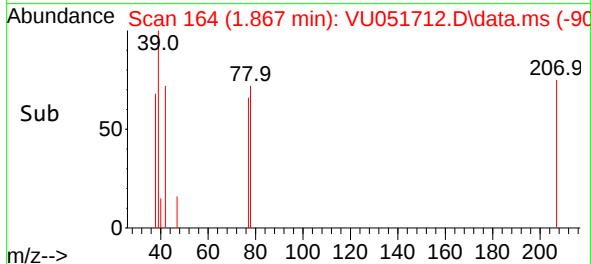
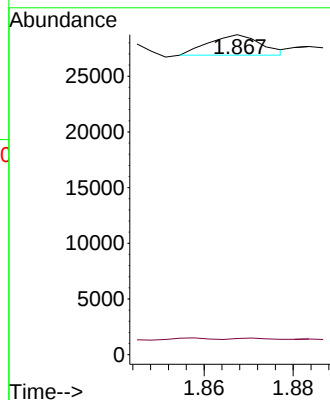
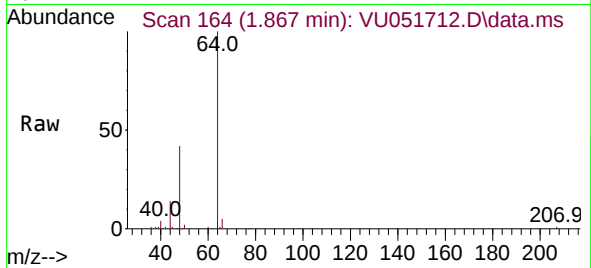




#8
Chloroethane
Concen: 0.109 ug/L
RT: 1.867 min Scan# 11
Delta R.T. -0.061 min
Lab File: VU051712.D
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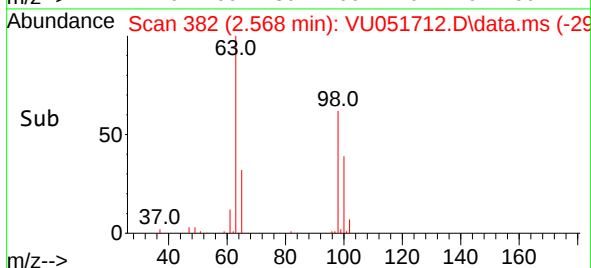
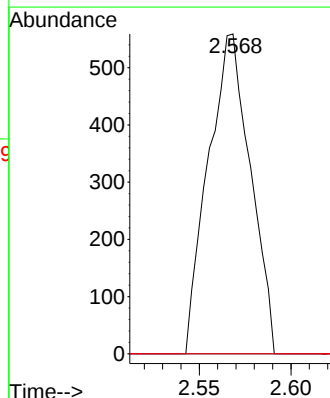
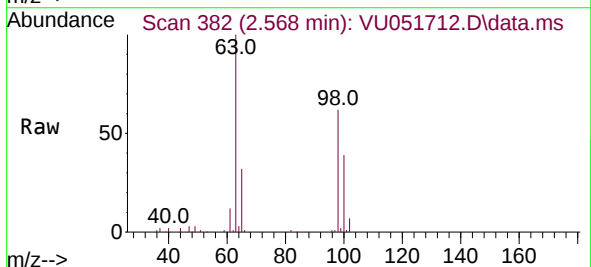
Instrument :
MSVOA_U
ClientSampleId :
DBWN3

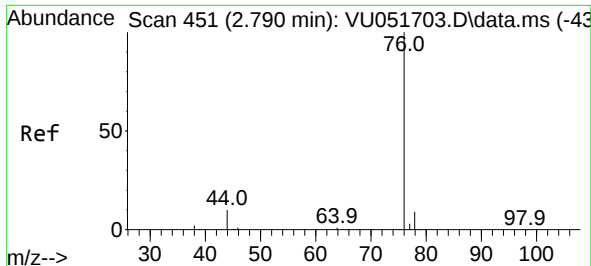
Tgt Ion: 64 Resp: 1506
Ion Ratio Lower Upper
64 100
66 5.1 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051712.D
Acq: 03 Nov 2022 00:35

Tgt Ion: 101 Resp: 894
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

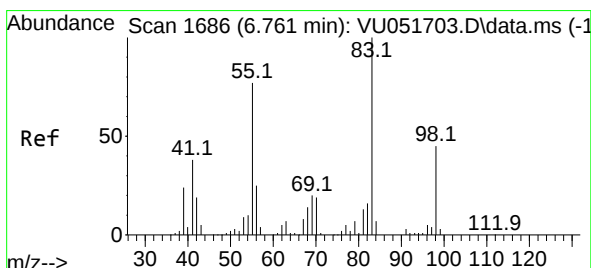
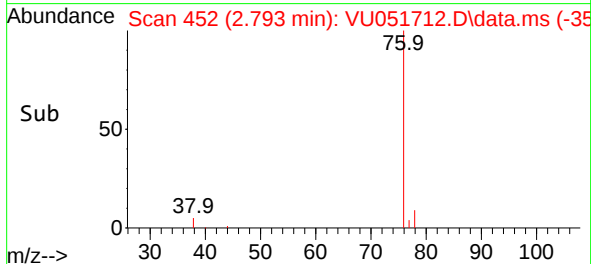
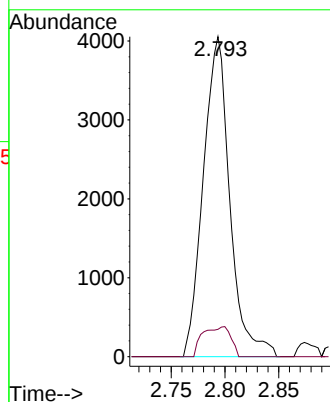
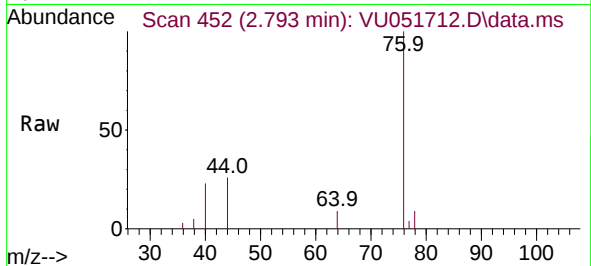




#14
Carbon disulfide
Concen: 0.144 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU051712.D
Acq: 03 Nov 2022 00:35

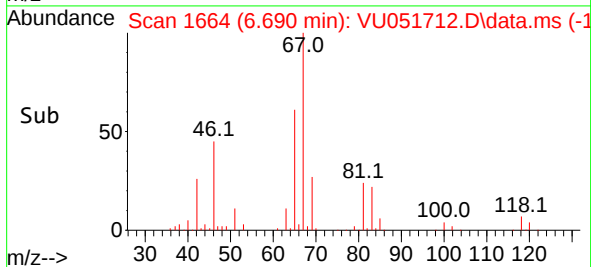
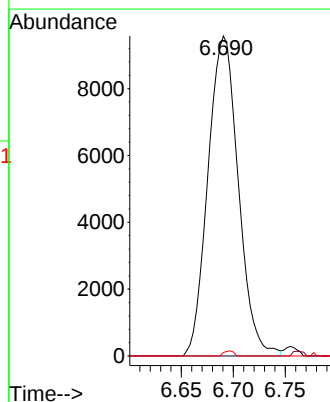
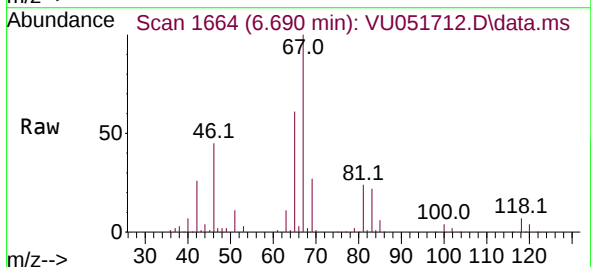
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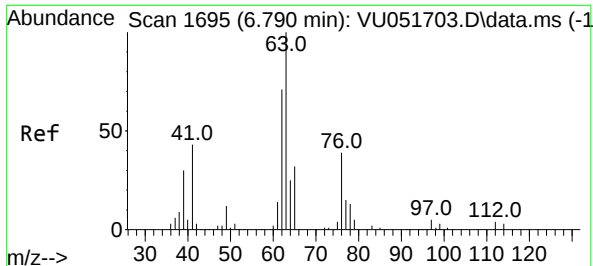
Tgt Ion: 76 Resp: 6952
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051712.D
Acq: 03 Nov 2022 00:35

Tgt Ion: 83 Resp: 19467
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 0.5 35.8 53.6#

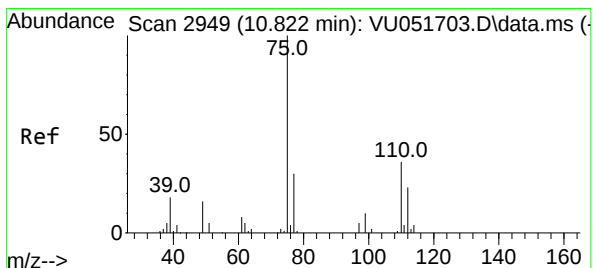
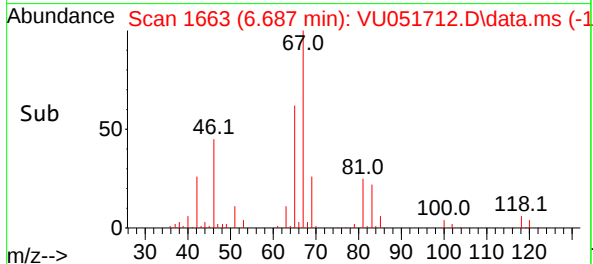
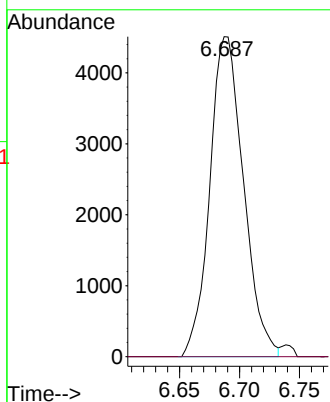
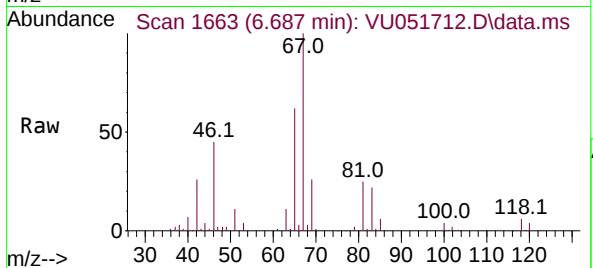




#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051712.D
Acq: 03 Nov 2022 00:35

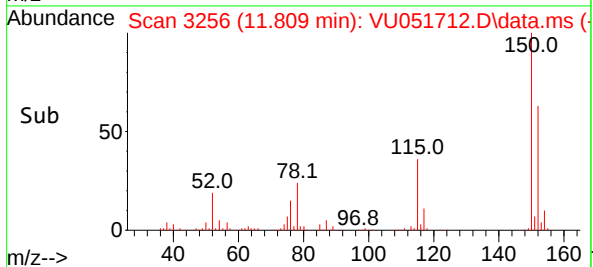
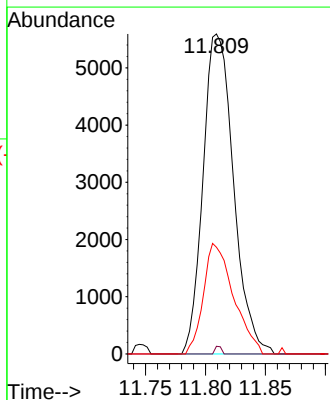
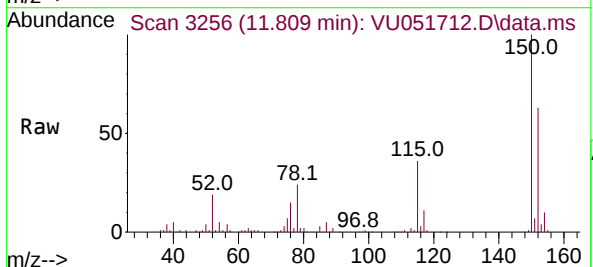
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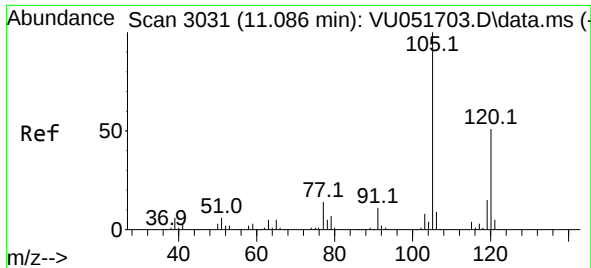
Tgt Ion: 63 Resp: 8818
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 0.916 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051712.D
Acq: 03 Nov 2022 00:35

Tgt Ion: 75 Resp: 9908
Ion Ratio Lower Upper
75 100
110 0.5 28.7 43.1#
77 34.0 26.1 39.1





#62
 1,3,5-Trimethylbenzene
 Concen: 0.139 ug/L
 RT: 11.089 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU051712.D
 Acq: 03 Nov 2022 00:35

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN3

Tgt Ion:105 Resp: 2280
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.6 57.8

