

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051926.D
 Acq On : 19 Nov 2022 01:45
 Operator : JC/MD
 Sample : N5684-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J5

Quant Time: Nov 19 03:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

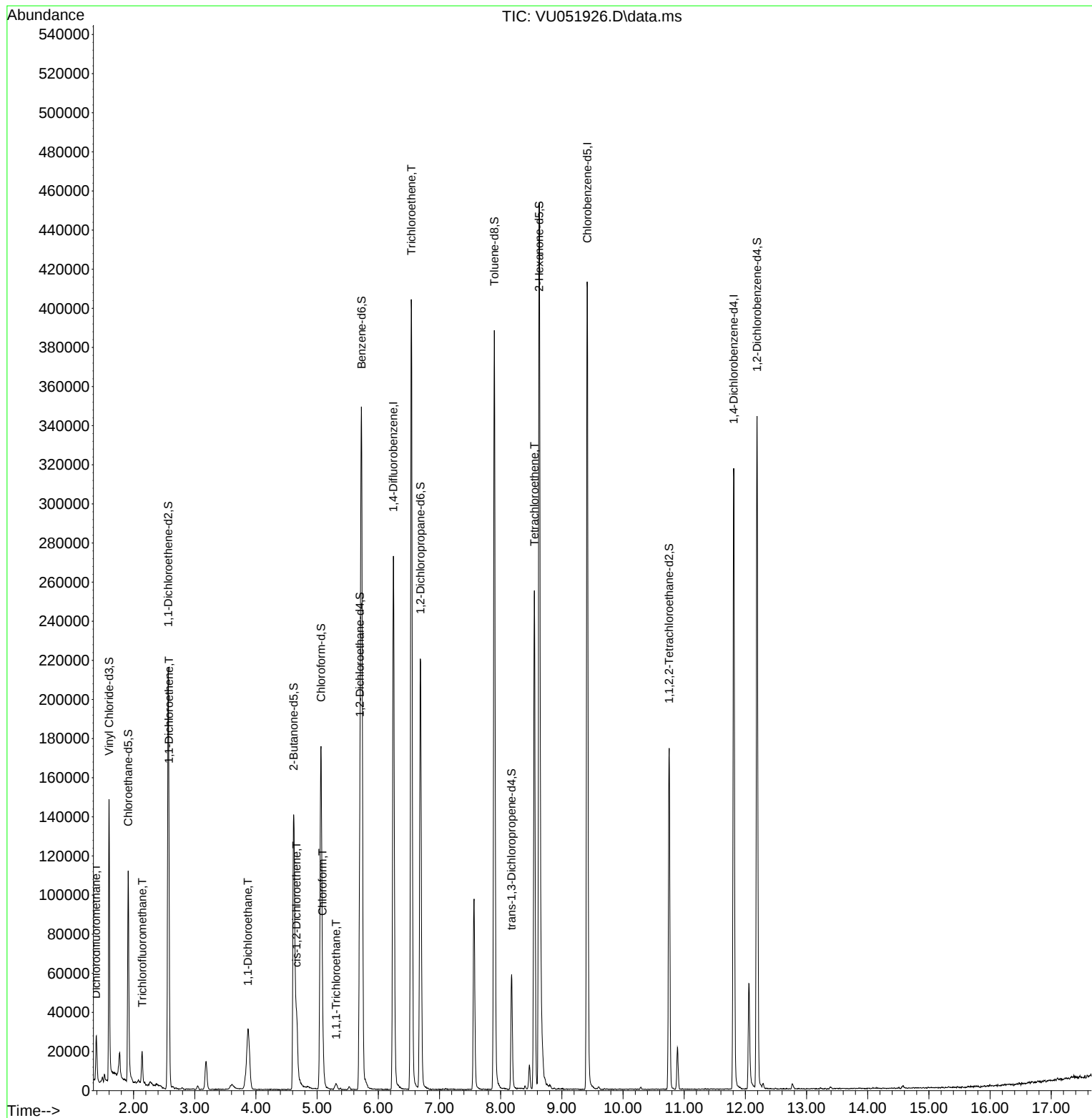
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110887	5.021	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.912	69	89885	5.240	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.800%		
11) 1,1-Dichloroethene-d2	2.565	65	39040	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.600%		
20) 2-Butanone-d5	4.617	46	196452	49.074	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 98.140%		
24) Chloroform-d	5.063	84	162947	5.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4	5.700	65	87107	5.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.726	84	344332	4.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
36) 1,2-Dichloropropane-d6	6.687	67	110074	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.000%		
41) Toluene-d8	7.896	98	274077	4.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.200%		
43) trans-1,3-Dichloroprop...	8.179	79	35008	4.367	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.400%		
46) 2-Hexanone-d5	8.629	63	153855	45.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 90.580%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91421	4.793	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	96370	5.636	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	8391	0.426	ug/L	100
9) Trichlorofluoromethane	2.141	101	10641	0.392	ug/L	97
12) 1,1-Dichloroethene	2.578	96	7792	0.473	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	19976	0.628	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	14004	0.756	ug/L	98
25) Chloroform	5.086	83	17317	0.537	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	1976	0.074	ug/L #	73
34) Trichloroethene	6.539	95	145470	7.485	ug/L	98
47) Tetrachloroethene	8.552	164	58361	3.918	ug/L	98

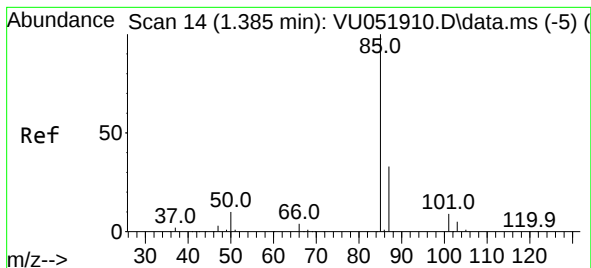
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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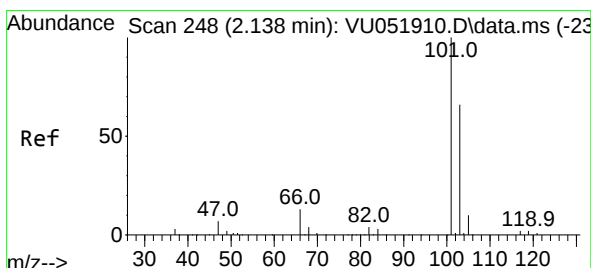
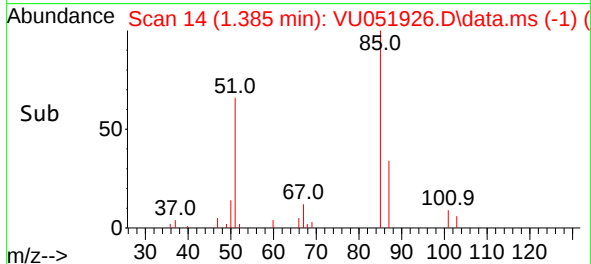
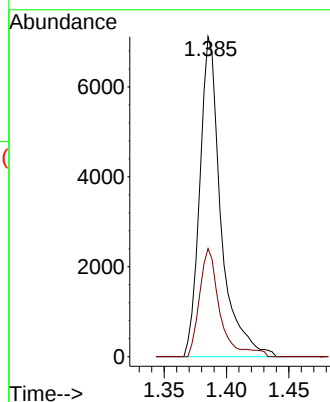
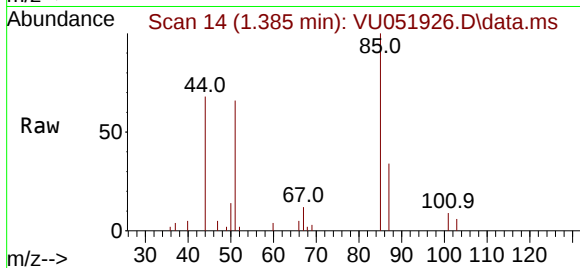




#2
Dichlorodifluoromethane
Concen: 0.426 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

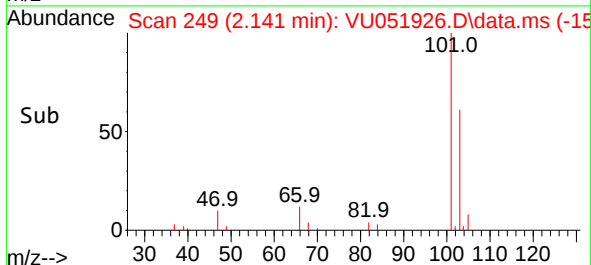
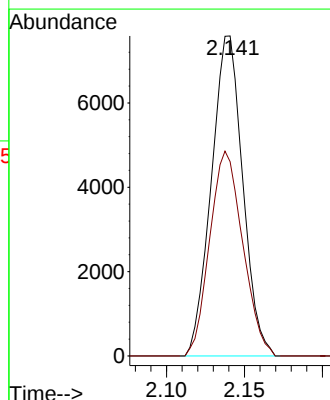
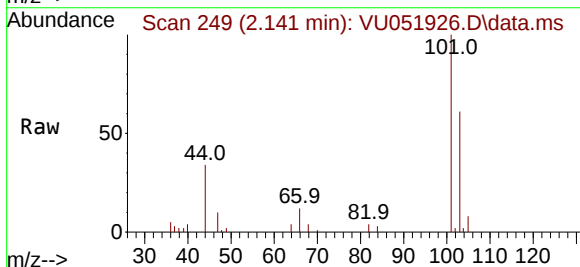
Instrument :
MSVOA_U
ClientSampleId :
BH1J5

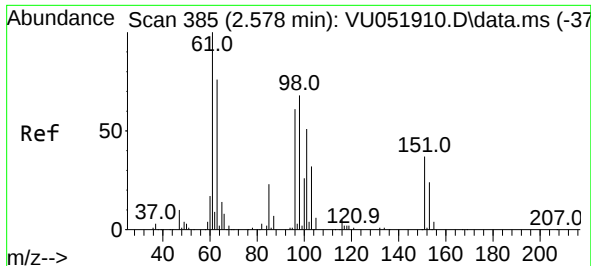
Tgt Ion: 85 Resp: 8391
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#9
Trichlorofluoromethane
Concen: 0.392 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

Tgt Ion:101 Resp: 10641
Ion Ratio Lower Upper
101 100
103 67.1 51.6 77.4





#12

1,1-Dichloroethene

Concen: 0.473 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051926.D

Acq: 19 Nov 2022 01:45

Instrument :

MSVOA_U

ClientSampleId :

BH1J5

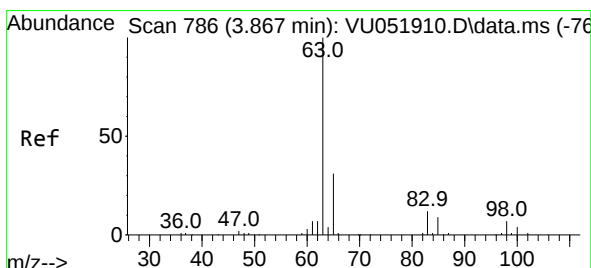
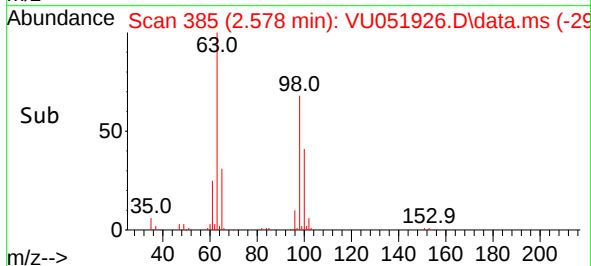
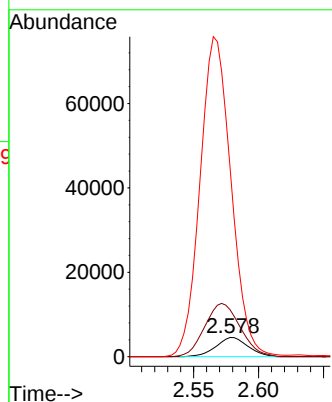
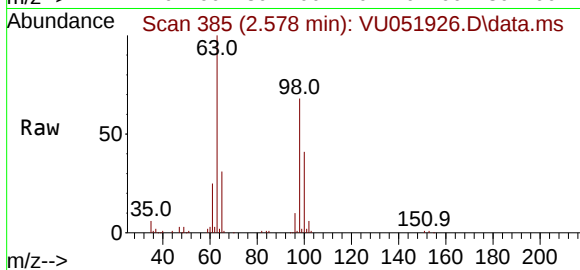
Tgt Ion: 96 Resp: 7792

Ion Ratio Lower Upper

96 100

61 245.4 114.8 213.2#

63 984.8 93.7 174.1#



#19

1,1-Dichloroethane

Concen: 0.628 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051926.D

Acq: 19 Nov 2022 01:45

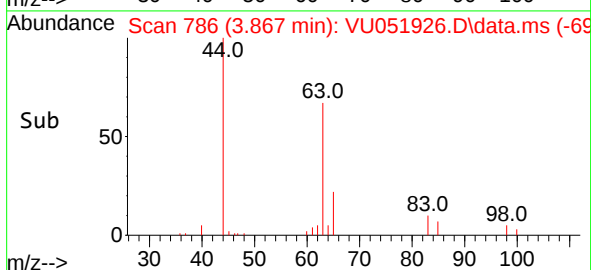
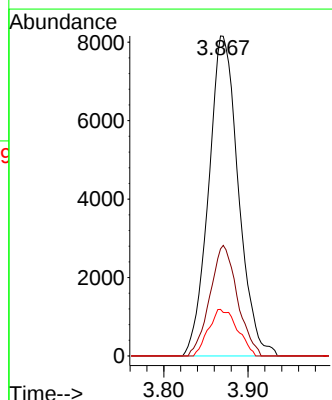
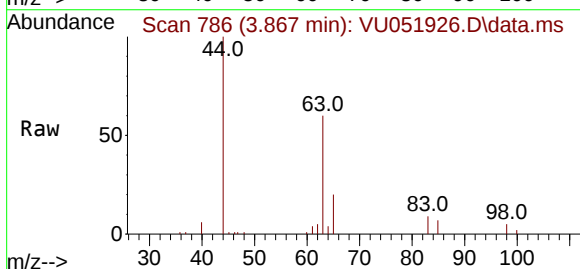
Tgt Ion: 63 Resp: 19976

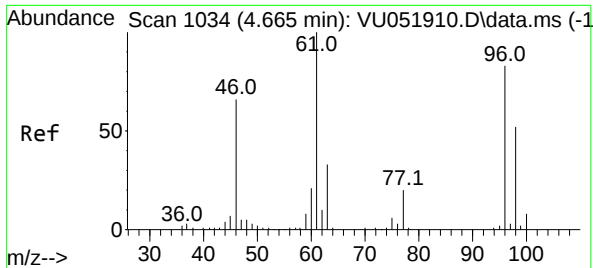
Ion Ratio Lower Upper

63 100

65 33.4 22.2 41.2

83 14.6 9.2 17.0

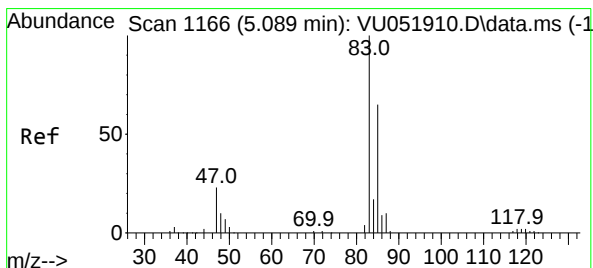
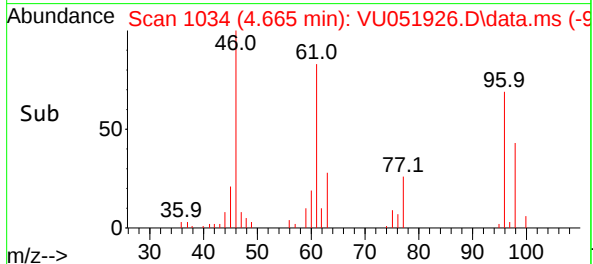
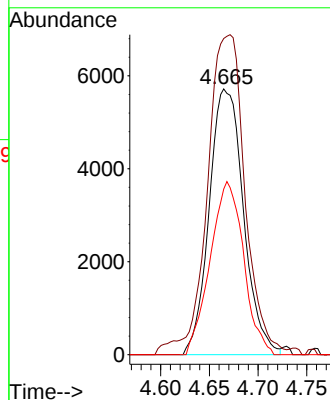
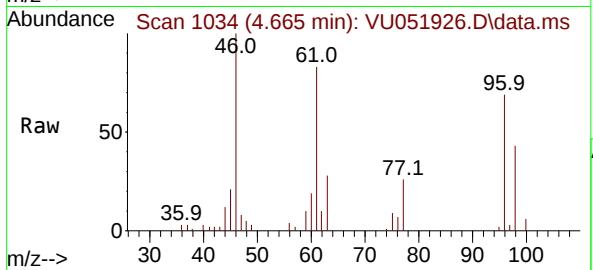




#22
cis-1,2-Dichloroethene
Concen: 0.756 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

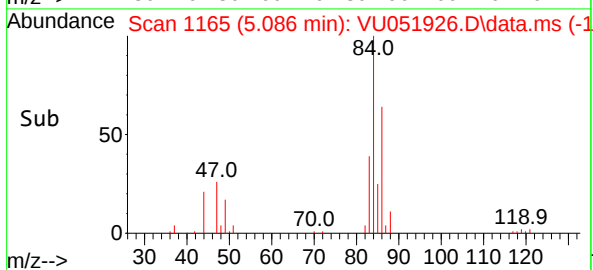
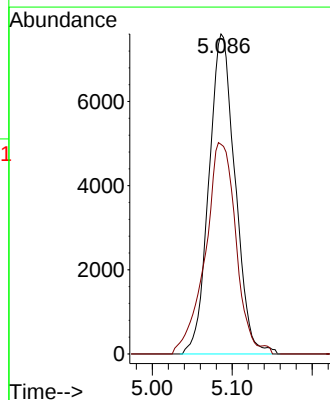
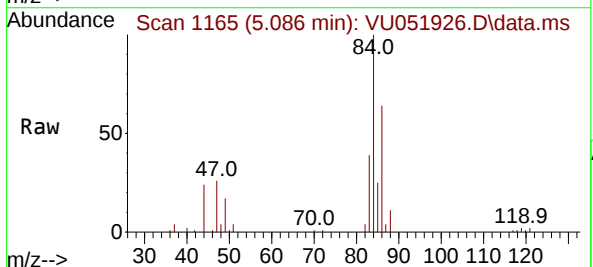
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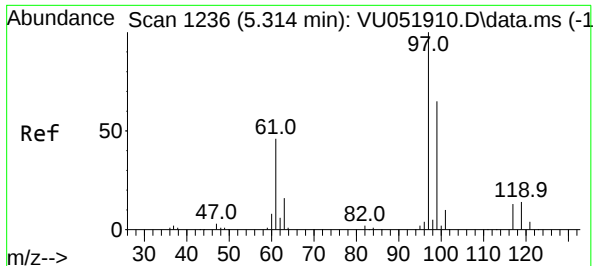
Tgt Ion: 96 Resp: 14004
Ion Ratio Lower Upper
96 100
61 119.0 85.1 158.1
98 62.3 42.8 79.6



#25
Chloroform
Concen: 0.537 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

Tgt Ion: 83 Resp: 17317
Ion Ratio Lower Upper
83 100
85 65.5 43.8 81.4

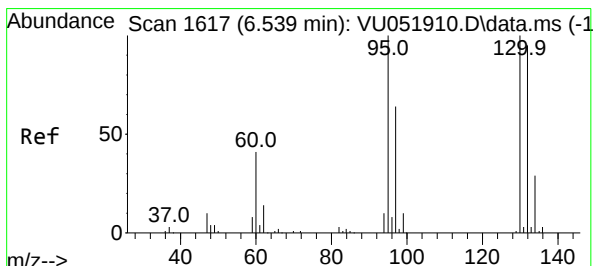
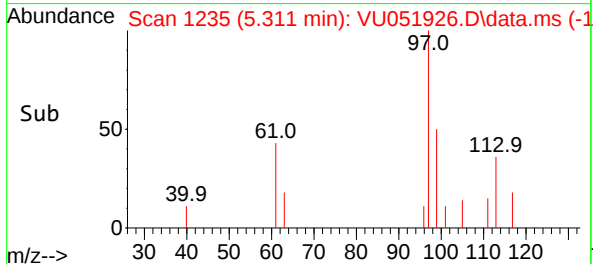
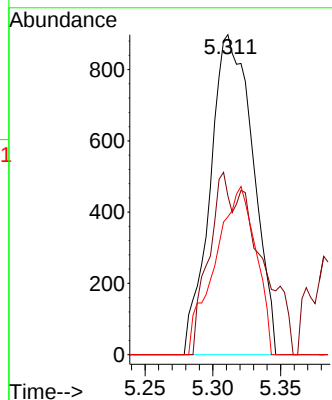
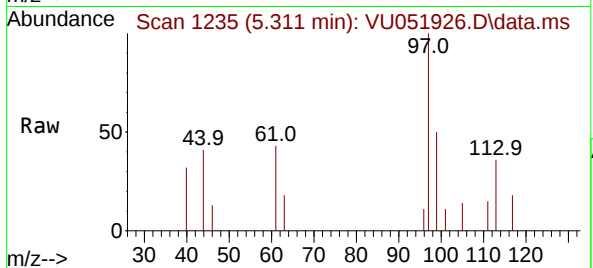




#29
1,1,1-Trichloroethane
Concen: 0.074 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

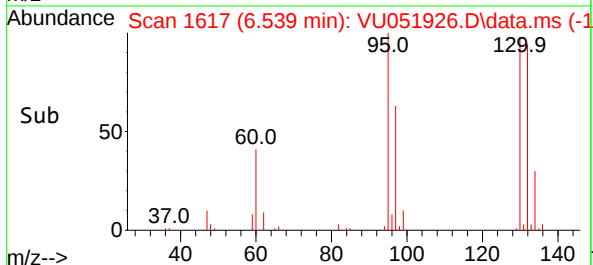
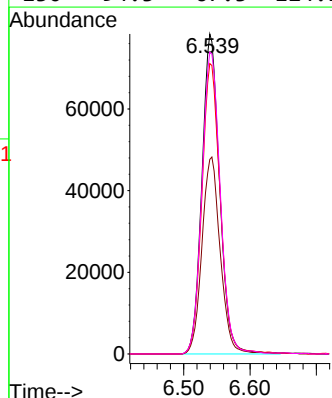
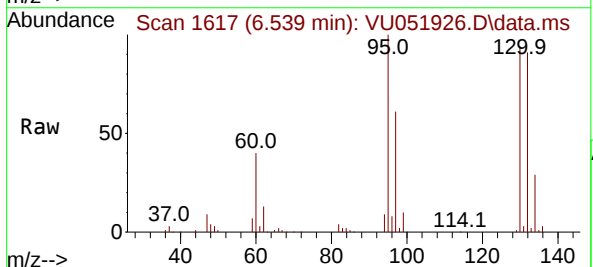
Instrument :
MSVOA_U
ClientSampleId :
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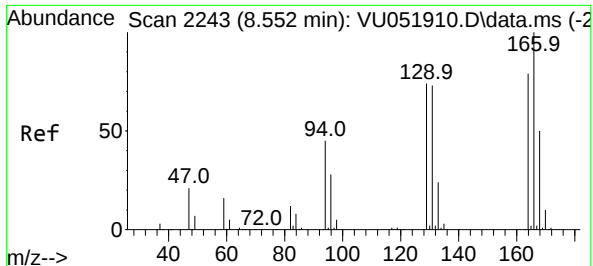
Tgt Ion: 97 Resp: 1976
Ion Ratio Lower Upper
97 100
99 30.4 51.0 76.6#
61 50.2 36.9 55.3



#34
Trichloroethene
Concen: 7.485 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

Tgt Ion: 95 Resp: 145470
Ion Ratio Lower Upper
95 100
97 60.8 43.7 81.1
132 90.8 64.3 119.3
130 94.3 67.3 124.9





#47
Tetrachloroethene
Concen: 3.918 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

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Tgt Ion:164 Resp: 58361
Ion Ratio Lower Upper
164 100
129 97.9 67.4 125.2
131 91.6 67.1 124.7
166 126.9 89.7 166.5

