

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)

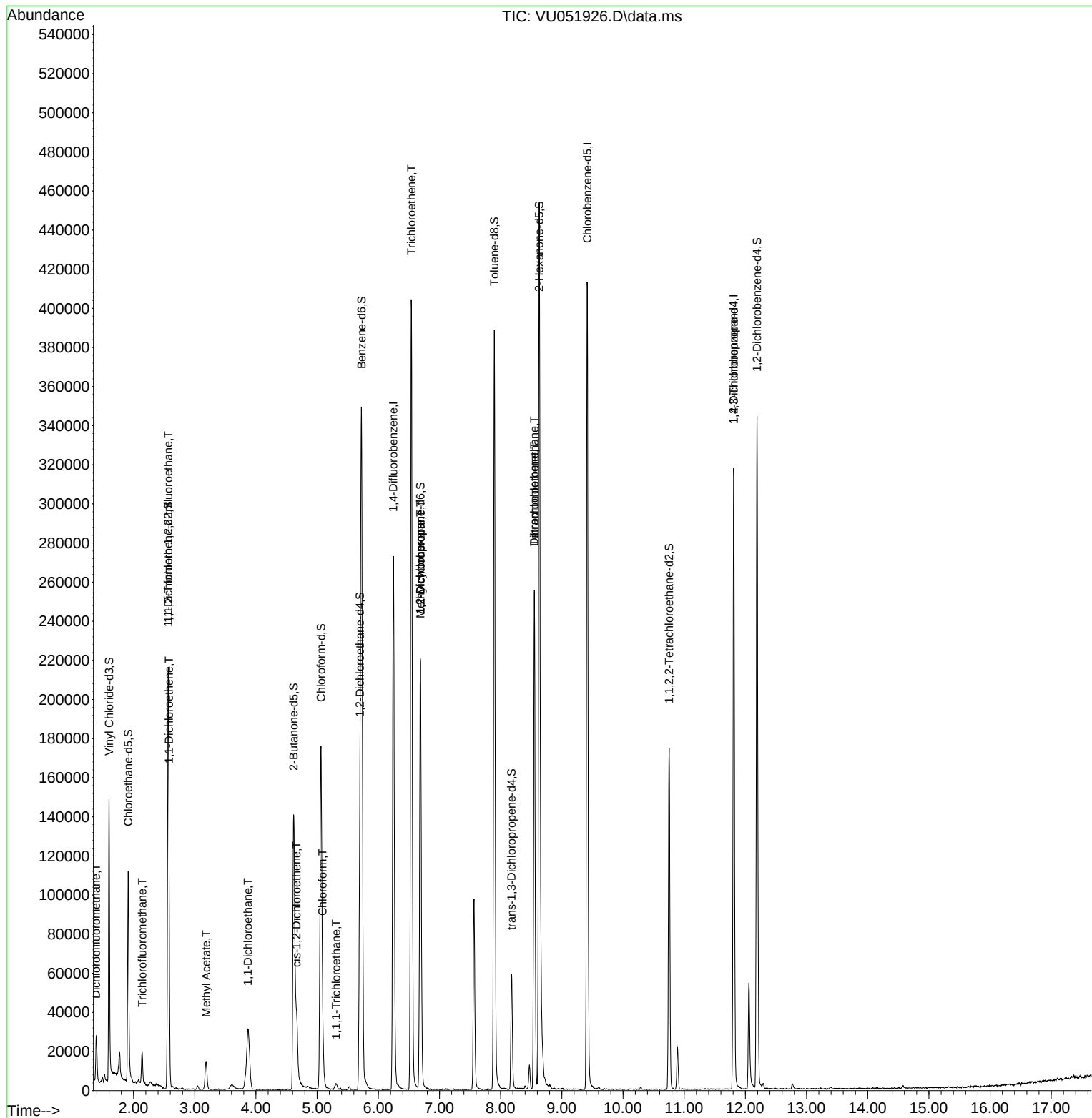
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110887	5.021	ug/L	0.00
Spiked Amount	5.000	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
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2763	0.166	ug/L #	63
12) 1,1-Dichloroethene	2.578	96	7792	0.473	ug/L #	1
15) Methyl Acetate	3.186	43	1169	0.166	ug/L #	48
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
35) Methylcyclohexane	6.690	83	25188	0.901	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10430	0.517	ug/L #	88
47) Tetrachloroethene	8.552	164	58361	3.918	ug/L	98
49) Dibromochloromethane	8.552	129	57138	3.365	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10449	1.022	ug/L #	68

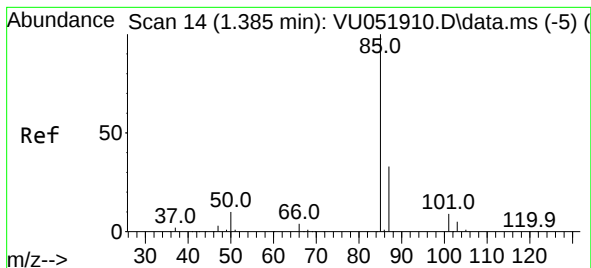
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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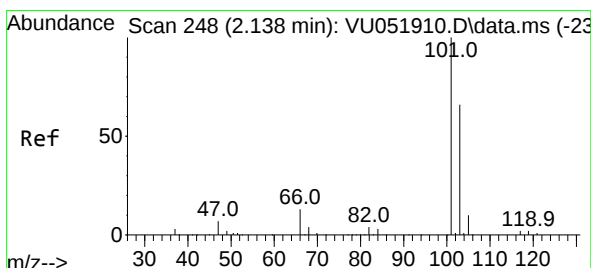
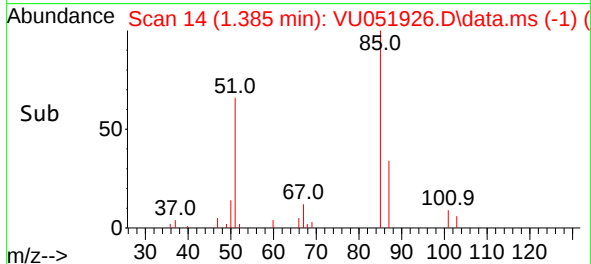
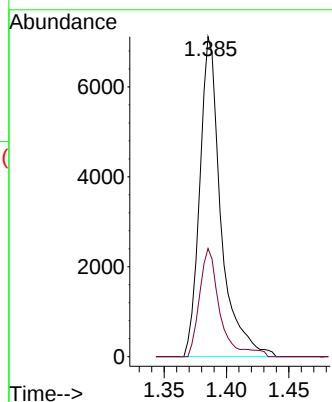
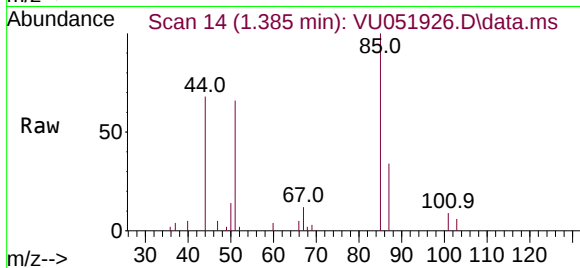




#2
Dichlorodifluoromethane
Concen: 0.426 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

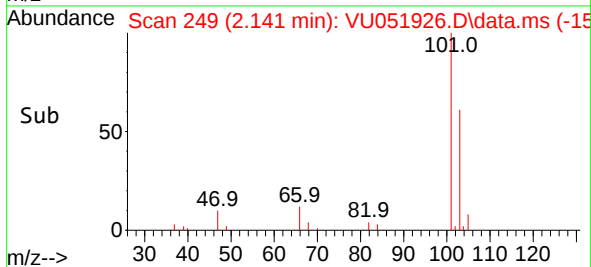
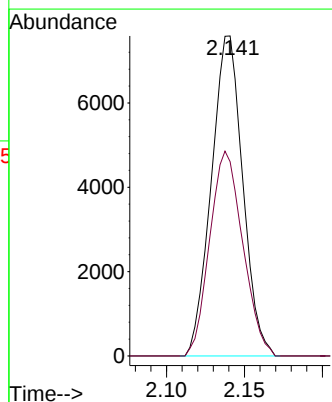
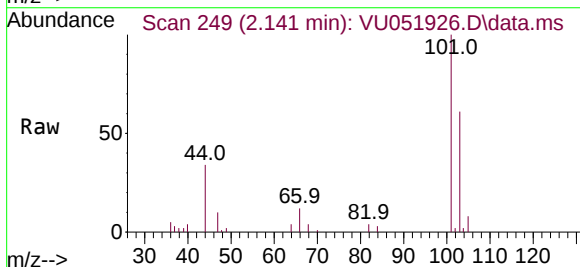
Instrument :
MSVOA_U
ClientSampleId :
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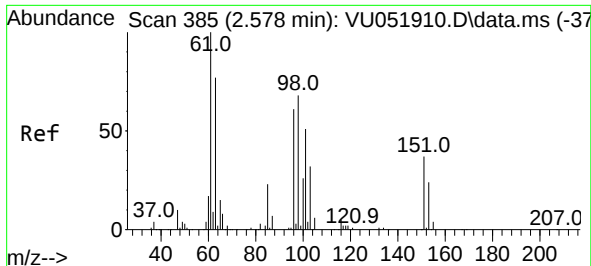
Tgt Ion: 85 Resp: 8391
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#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

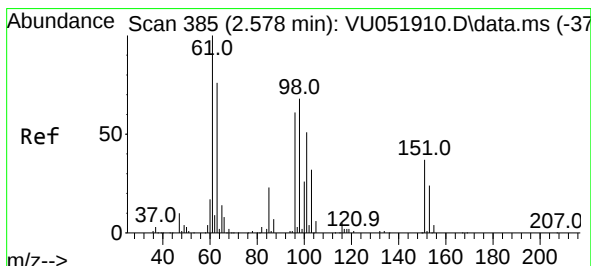
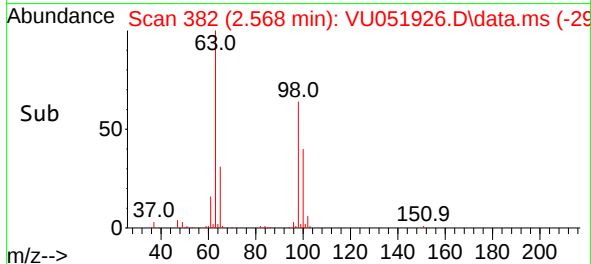
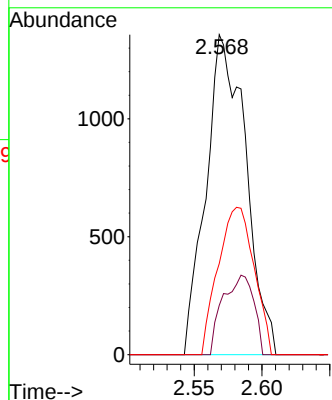
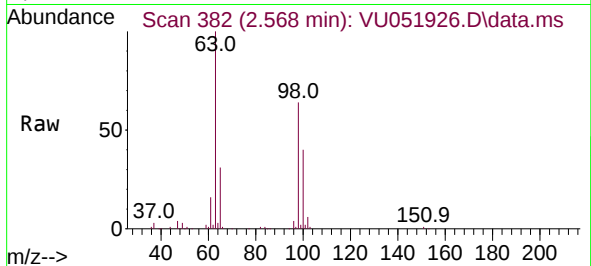




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.166 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051926.D
 Acq: 19 Nov 2022 01:45

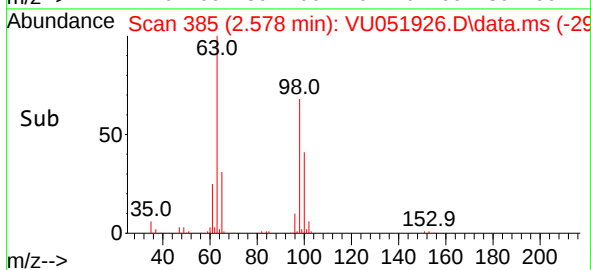
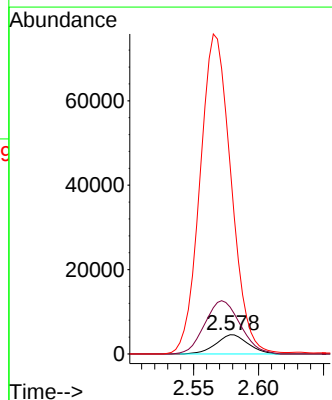
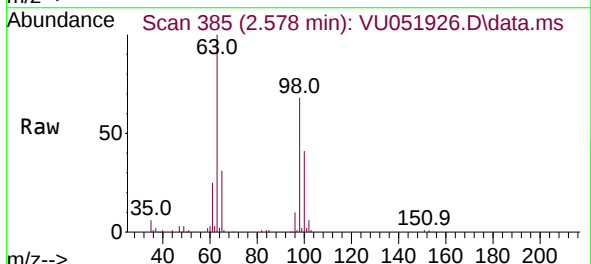
Instrument :
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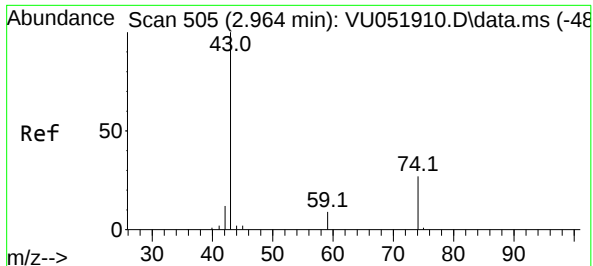
Tgt Ion:101 Resp: 2763
 Ion Ratio Lower Upper
 101 100
 85 19.2 33.8 50.6#
 151 41.6 58.6 88.0#



#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

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#

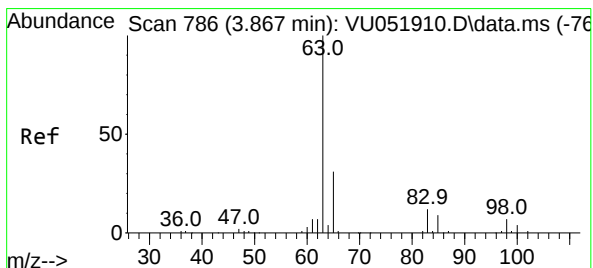
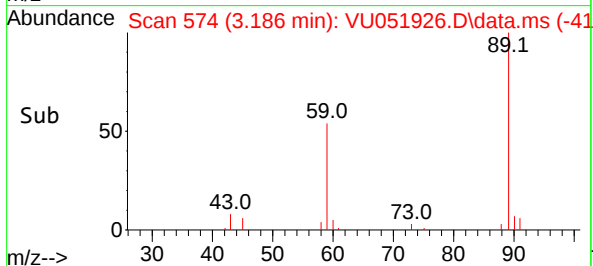
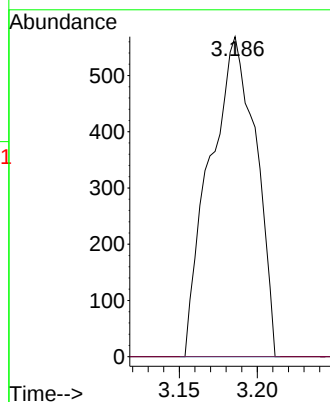
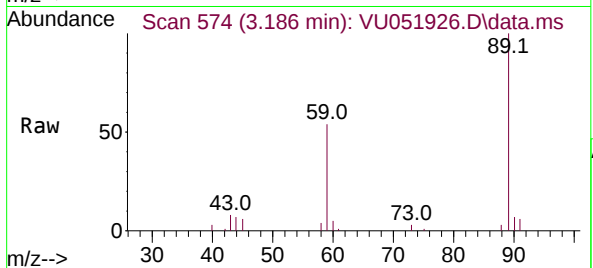




#15
Methyl Acetate
Concen: 0.166 ug/L
RT: 3.186 min Scan# 51
Delta R.T. 0.222 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

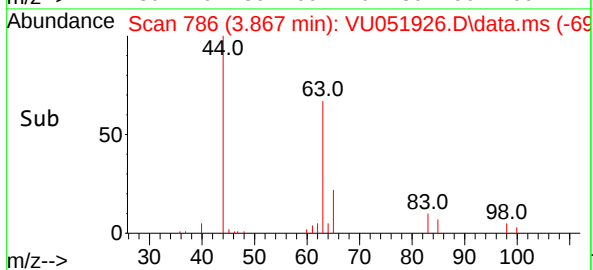
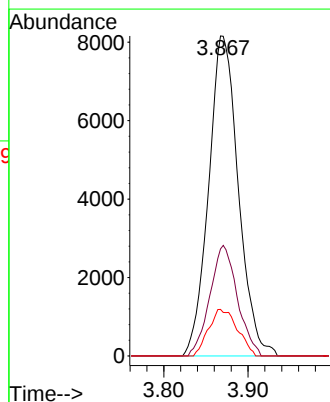
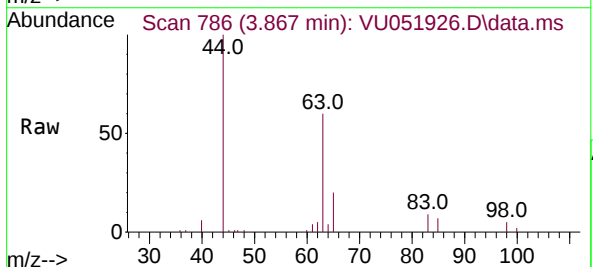
Instrument :
MSVOA_U
ClientSampleId :
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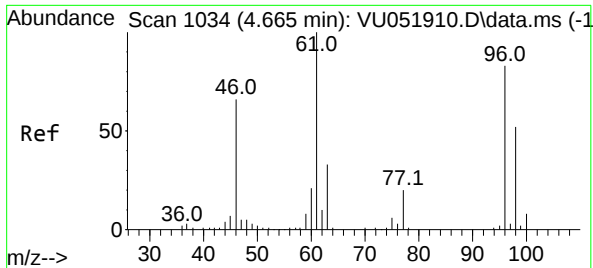
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#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

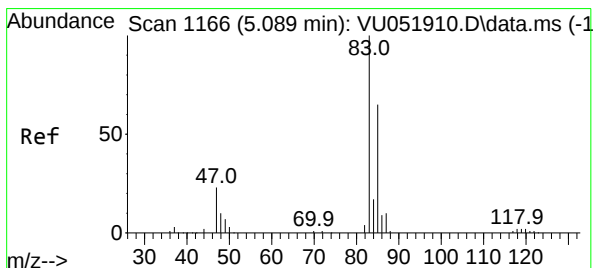
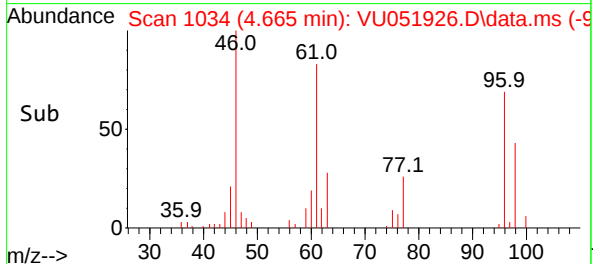
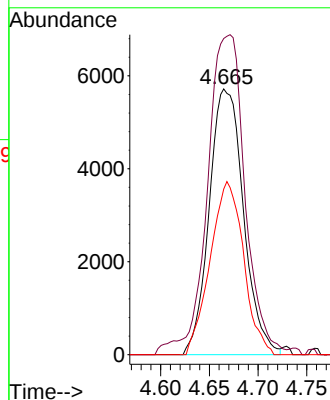
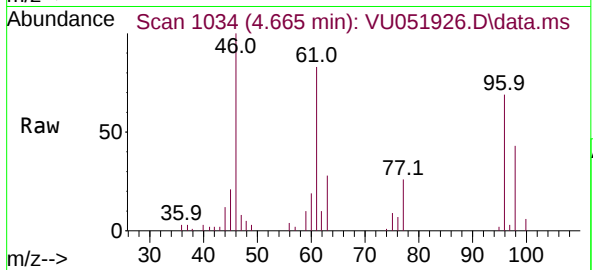




#22
cis-1,2-Dichloroethene
Concen: 0.756 ug/L
RT: 4.665 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

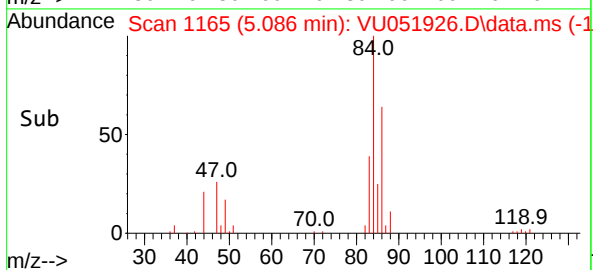
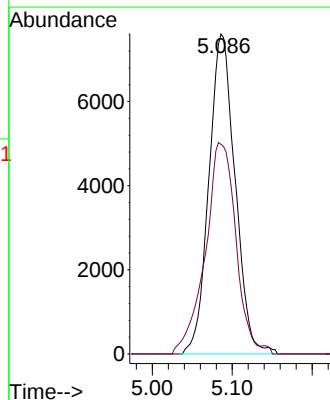
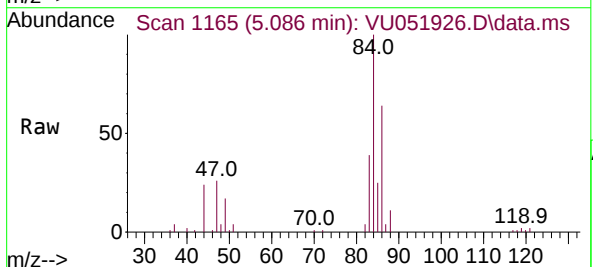
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ClientSampleId :
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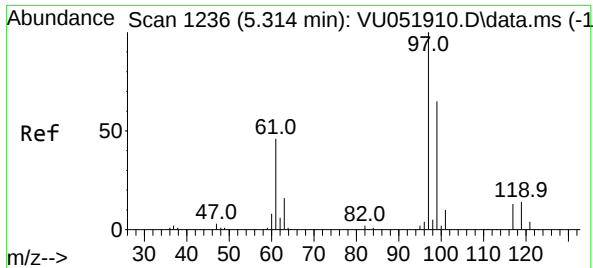
Tgt Ion: 96 Resp: 14004
Ion Ratio Lower Upper
96 100
61 119.0 85.1 158.1
98 62.3 42.8 79.6



#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

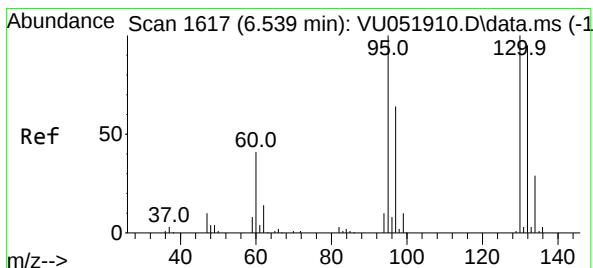
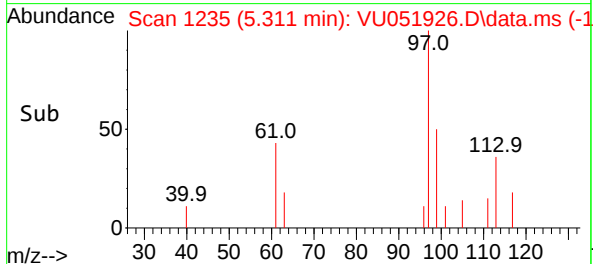
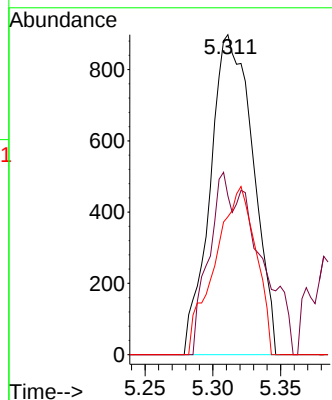
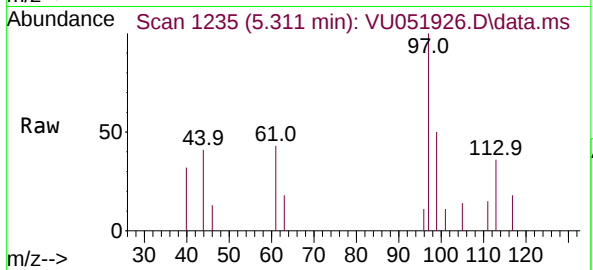




#29
1,1,1-Trichloroethane
Concen: 0.074 ug/L
RT: 5.311 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU051926.D
Acq: 19 Nov 2022 01:45

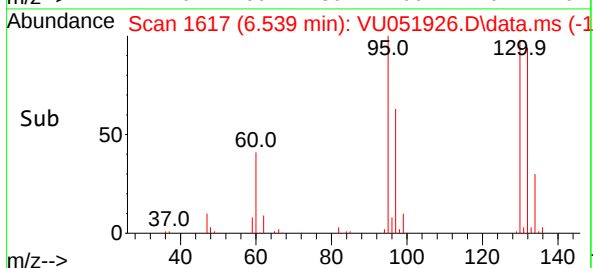
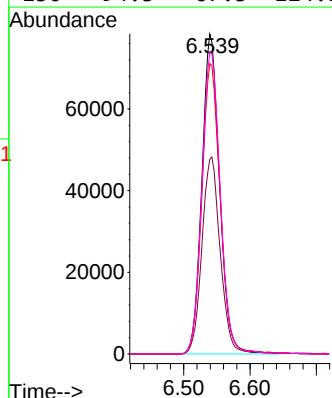
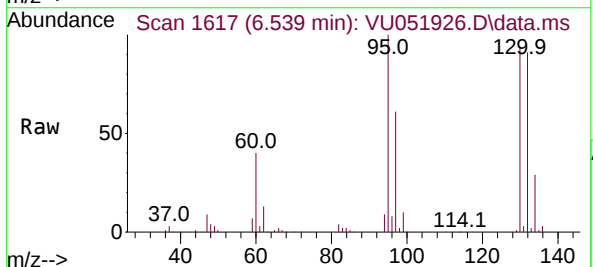
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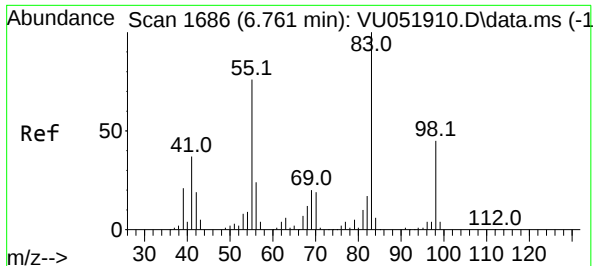
Tgt Ion: 97 Resp: 1976
Ion Ratio Lower Upper
97 100
99 30.4 51.0 76.6#
61 50.2 36.9 55.3



#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





#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051926.D

Acq: 19 Nov 2022 01:45

Instrument :

MSVOA_U

ClientSampleId :

BH1J5

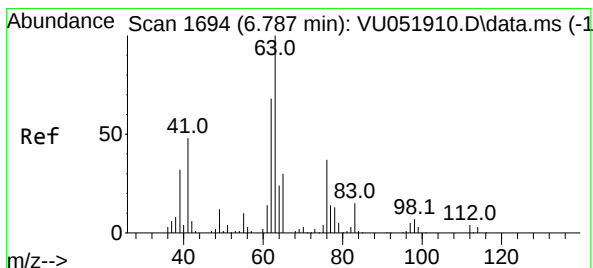
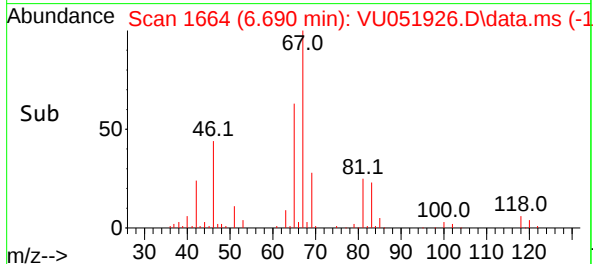
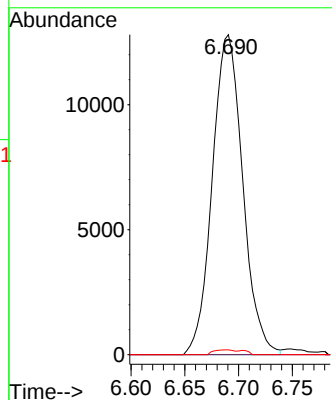
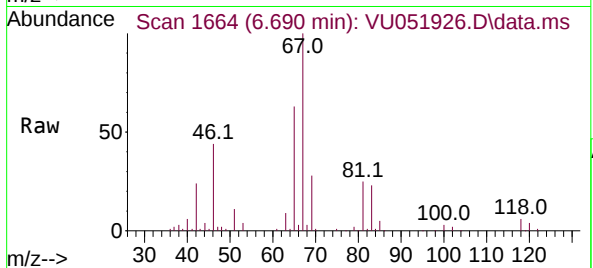
Tgt Ion: 83 Resp: 25188

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.517 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU051926.D

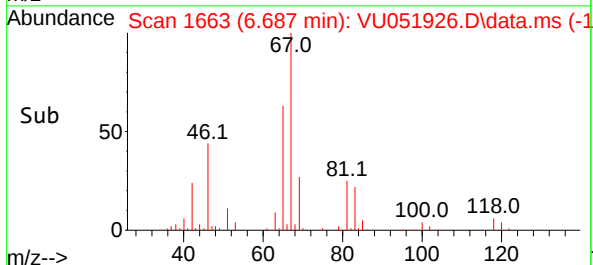
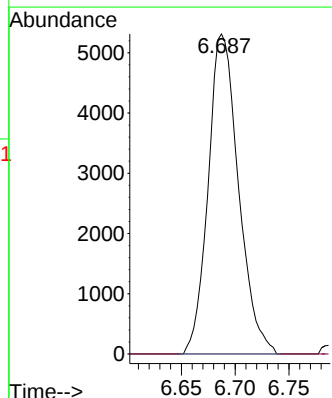
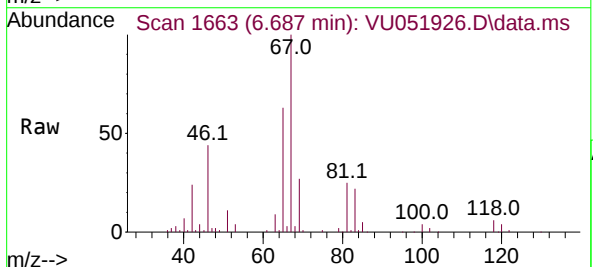
Acq: 19 Nov 2022 01:45

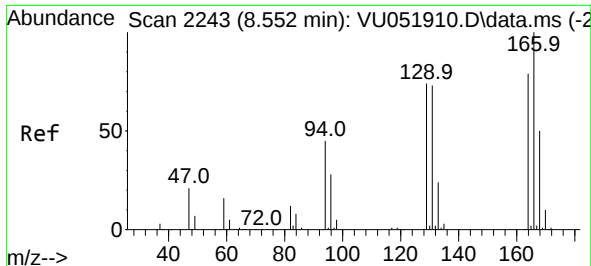
Tgt Ion: 63 Resp: 10430

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 3.918 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051926.D

Acq: 19 Nov 2022 01:45

Instrument :

MSVOA_U

ClientSampleId :

BH1J5

Tgt Ion:164 Resp: 58361

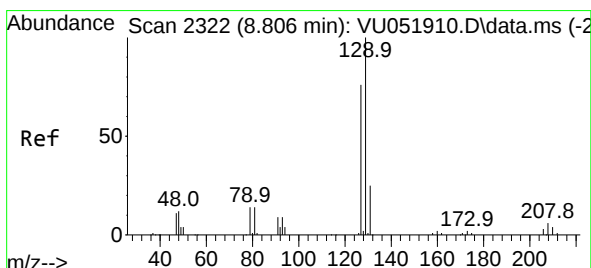
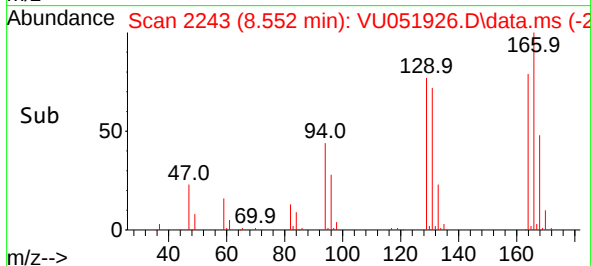
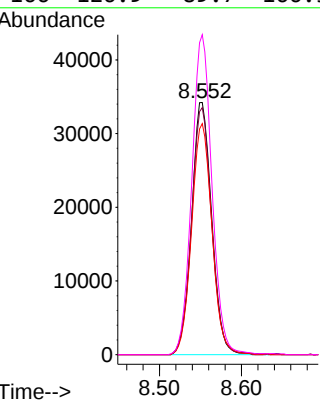
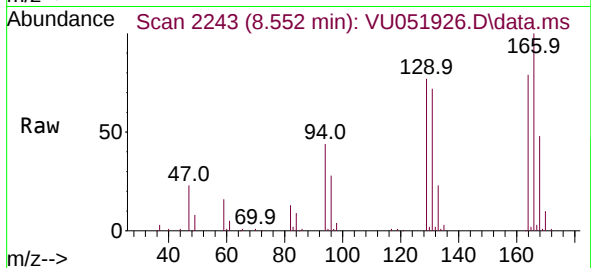
Ion Ratio Lower Upper

164 100

129 97.9 67.4 125.2

131 91.6 67.1 124.7

166 126.9 89.7 166.5



#49

Dibromochloromethane

Concen: 3.365 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051926.D

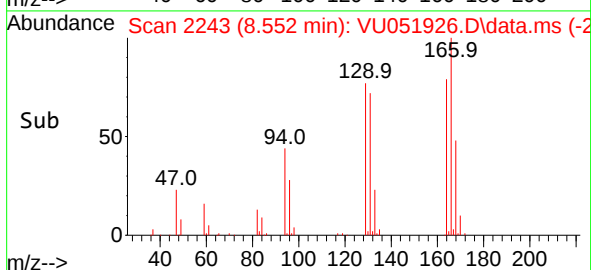
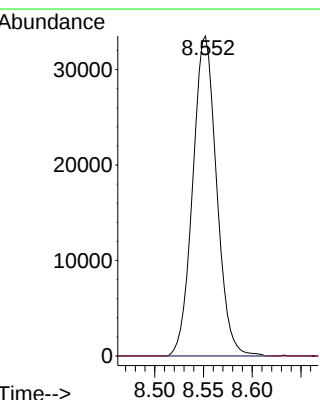
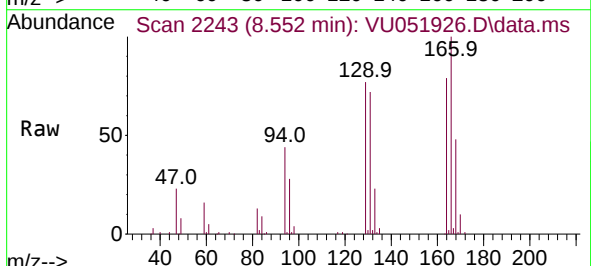
Acq: 19 Nov 2022 01:45

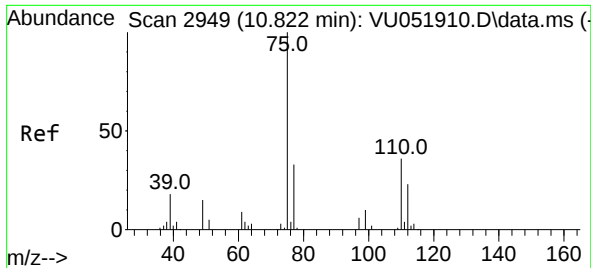
Tgt Ion:129 Resp: 57138

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. 0.987 min

Lab File: VU051926.D

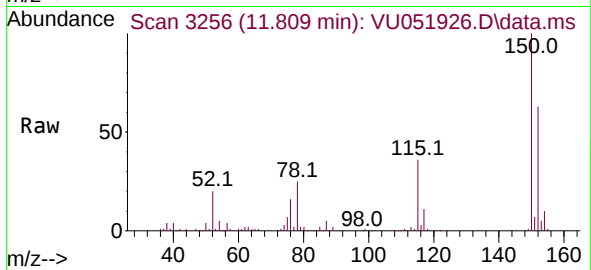
Acq: 19 Nov 2022 01:45

Instrument :

MSVOA_U

ClientSampleId :

BH1J5



Tgt Ion:	75	Resp:	10449
Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.3	42.5#
77	31.5	26.2	39.2

