

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046910.D
 Acq On : 31 Jan 2022 12:11
 Operator : SY/MD
 Sample : N1260-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX4DL

Quant Time: Feb 01 00:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

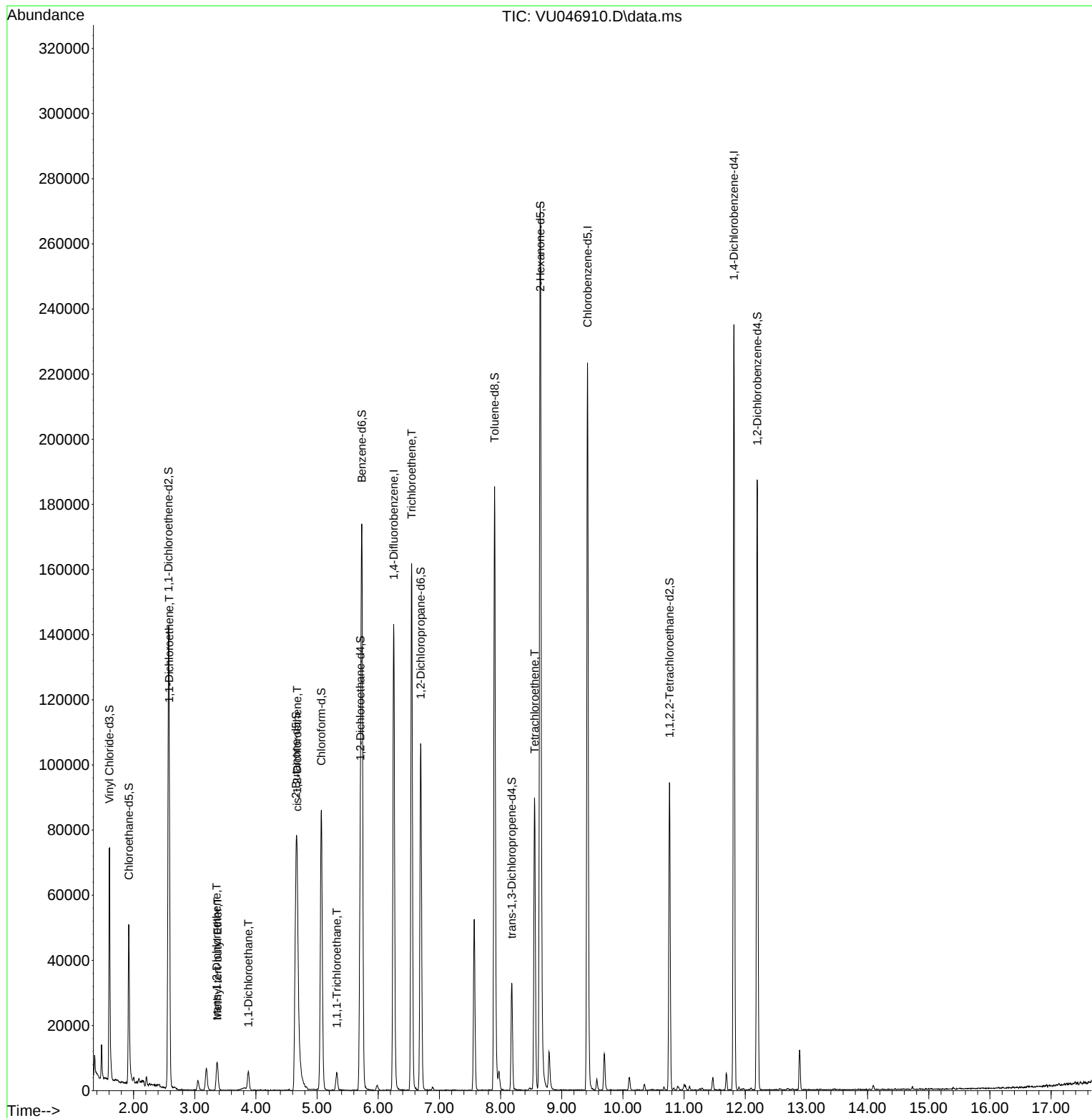
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	120032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56307	5.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.800%		
7) Chloroethane-d5	1.922	69	41782	5.214	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.572	65	21722	5.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.400%		
20) 2-Butanone-d5	4.658	46	135384	44.931	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.860%		
24) Chloroform-d	5.070	84	80998	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.800%		
26) 1,2-Dichloroethane-d4	5.706	65	46557	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.800%		
32) Benzene-d6	5.732	84	167284	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.000%		
36) 1,2-Dichloropropane-d6	6.694	67	52838	4.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.600%		
41) Toluene-d8	7.903	98	132371	3.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 74.400%		
43) trans-1,3-Dichloroprop...	8.182	79	20088	3.917	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 78.400%		
46) 2-Hexanone-d5	8.648	63	116119	38.242	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 76.480%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47699	4.069	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 81.400%		
66) 1,2-Dichlorobenzene-d4	12.198	152	48245	4.231	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 84.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	18064	2.695	ug/L #	75
17) Methyl tert-butyl Ether	3.372	73	6320	0.336	ug/L #	91
18) trans-1,2-Dichloroethene	3.359	96	1625	0.224	ug/L	90
19) 1,1-Dichloroethane	3.877	63	6875	0.564	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	14862	1.941	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	4104	0.344	ug/L	94
34) Trichloroethene	6.546	95	56002	6.923	ug/L	98
47) Tetrachloroethene	8.555	164	21144	3.214	ug/L	93

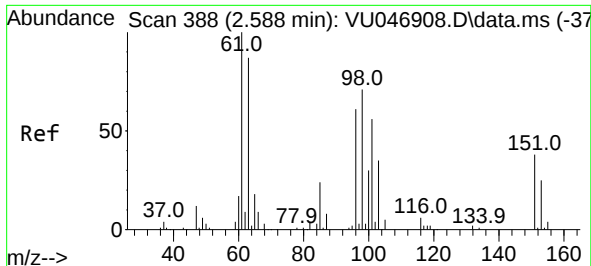
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.695 ug/L

RT: 2.584 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Instrument :

MSVOA_U

ClientSampleId :

BFX4DL

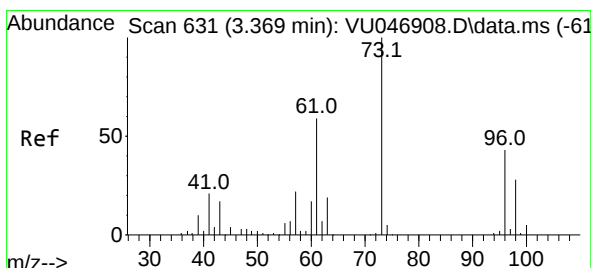
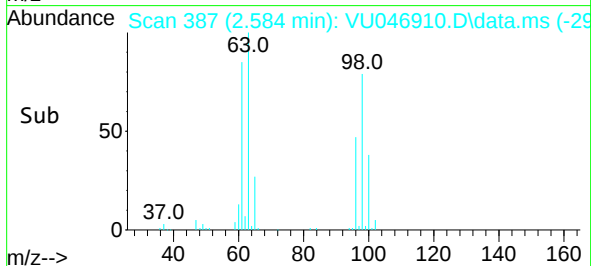
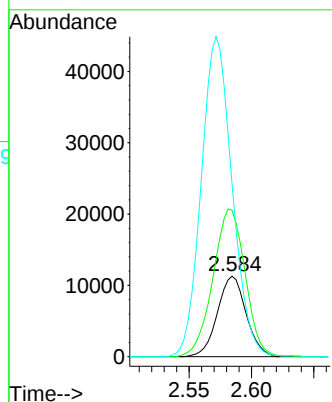
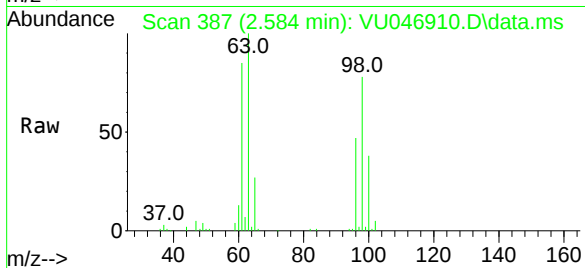
Tgt Ion: 96 Resp: 18064

Ion Ratio Lower Upper

96 100

61 181.8 124.7 231.5

63 214.7 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 0.336 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

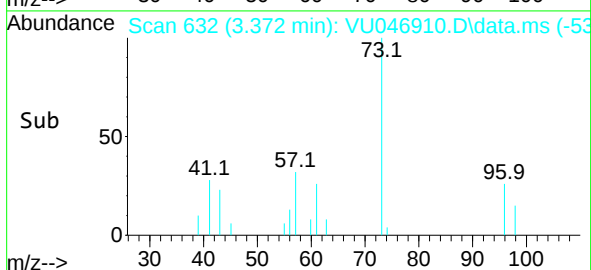
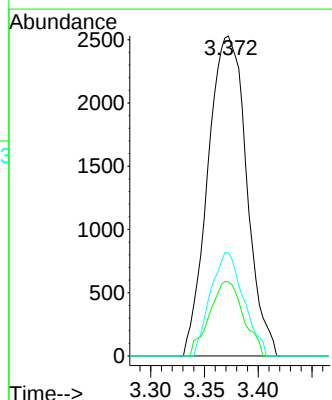
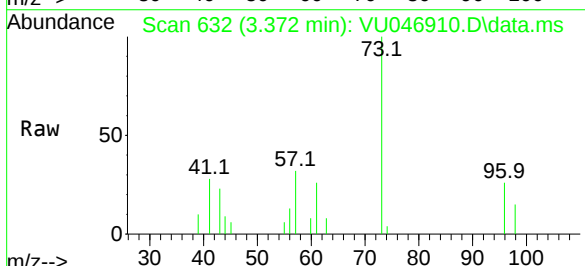
Tgt Ion: 73 Resp: 6320

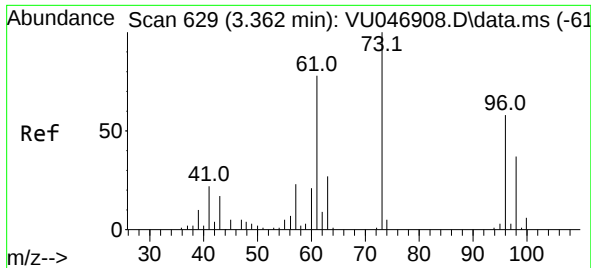
Ion Ratio Lower Upper

73 100

43 20.5 14.8 22.2

57 27.7 17.4 26.0#

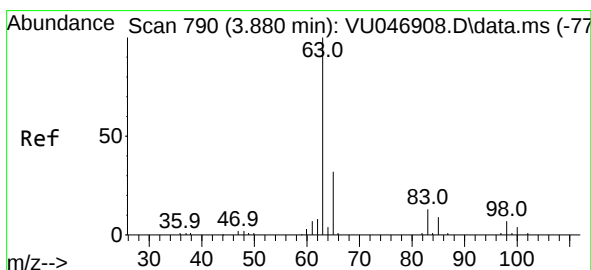
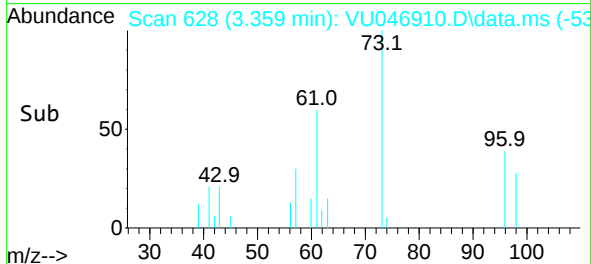
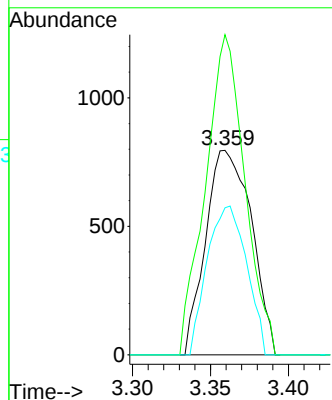
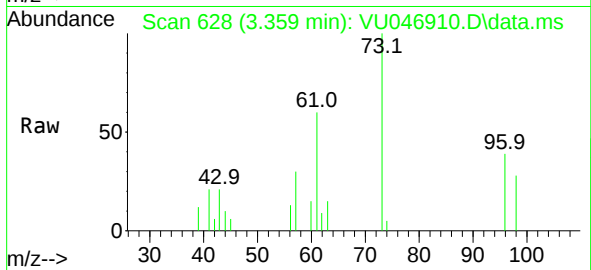




#18
trans-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

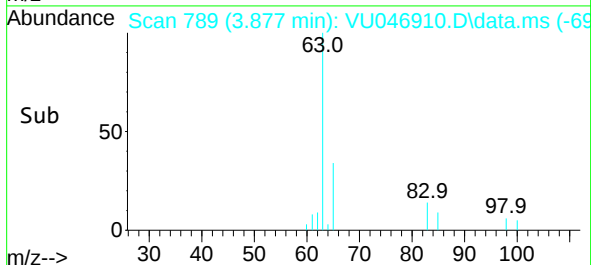
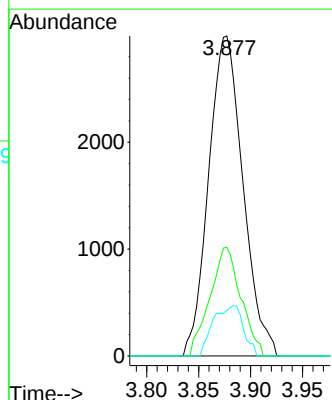
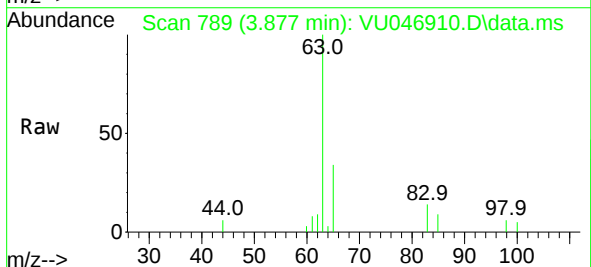
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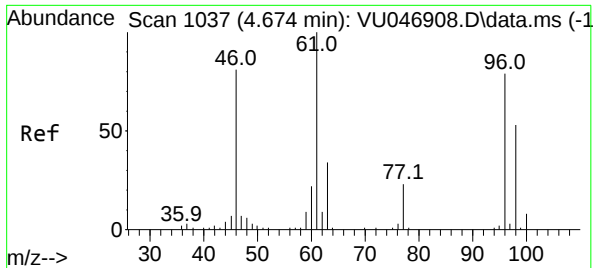
Tgt Ion: 96 Resp: 1625
Ion Ratio Lower Upper
96 100
61 156.5 100.8 187.2
98 71.9 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.564 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

Tgt Ion: 63 Resp: 6875
Ion Ratio Lower Upper
63 100
65 34.0 22.3 41.5
83 14.3 9.6 17.8

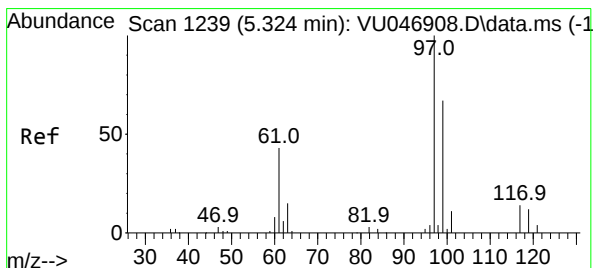
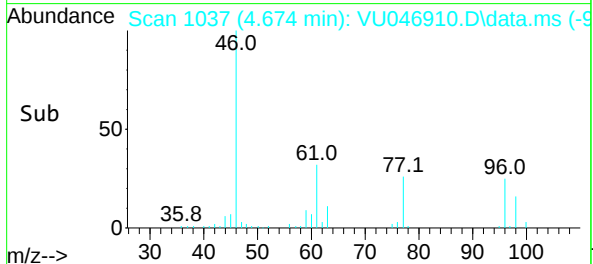
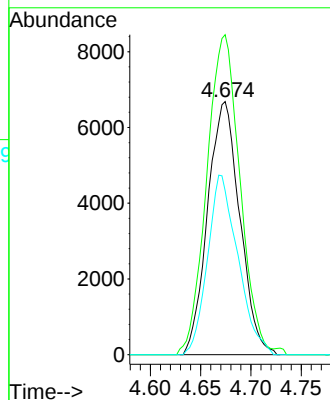
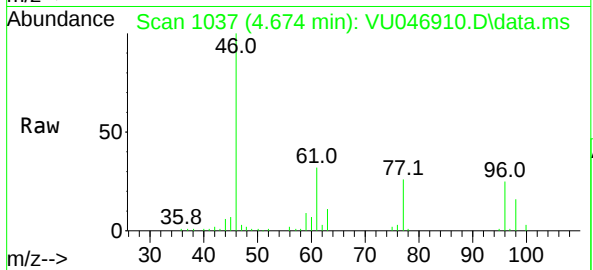




#22
 cis-1,2-Dichloroethene
 Concen: 1.941 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046910.D
 Acq: 31 Jan 2022 12:11

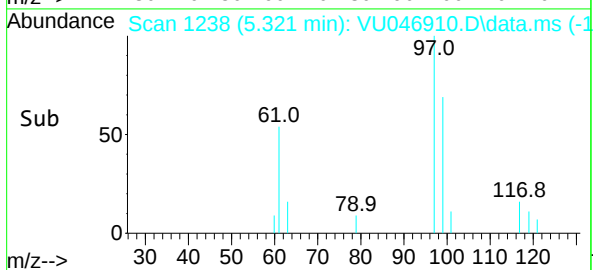
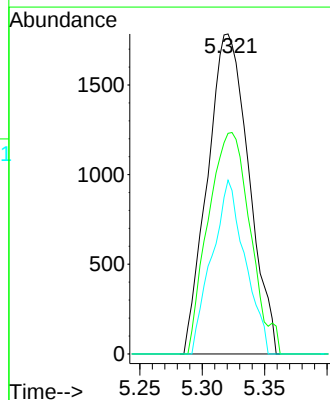
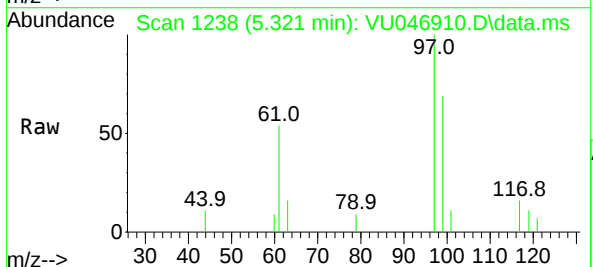
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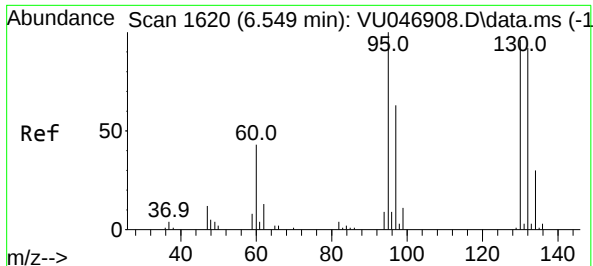
Tgt Ion: 96	Resp:	14862
Ion Ratio	Lower	Upper
96	100	
61	126.4	88.5 164.3
98	64.8	44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.344 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046910.D
 Acq: 31 Jan 2022 12:11

Tgt Ion: 97	Resp:	4104
Ion Ratio	Lower	Upper
97	100	
99	70.7	51.3 76.9
61	43.7	36.1 54.1

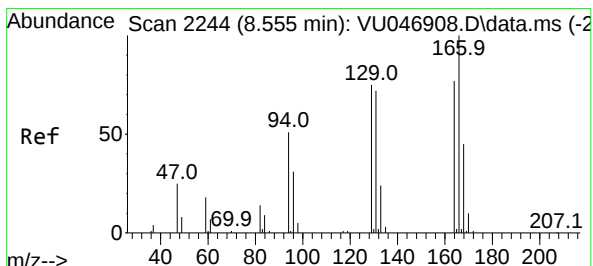
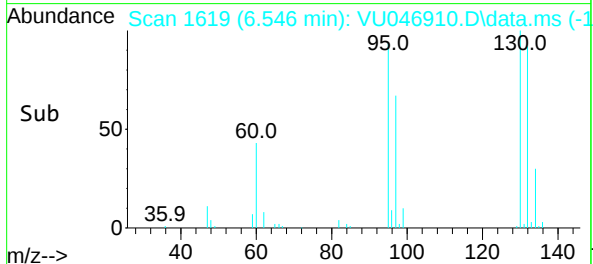
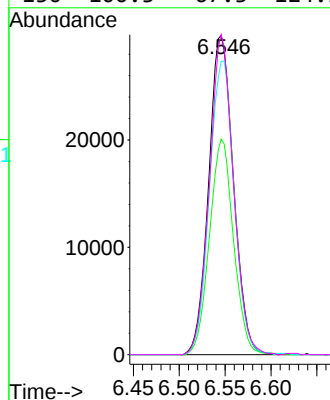
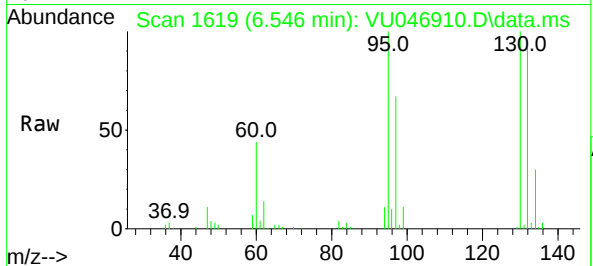




#34
Trichloroethene
Concen: 6.923 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

Instrument :
MSVOA_U
ClientSampleId :
BFX4DL

Tgt Ion: 95 Resp: 56002
Ion Ratio Lower Upper
95 100
97 67.6 46.5 86.5
132 91.8 65.1 120.9
130 100.3 67.3 124.9



#47
Tetrachloroethene
Concen: 3.214 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

Tgt Ion: 164 Resp: 21144
Ion Ratio Lower Upper
164 100
129 93.8 71.8 133.4
131 98.7 68.5 127.3
166 122.4 94.1 174.8

