

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055014.D
 Acq On : 31 Aug 2023 12:18
 Operator : MD/SY
 Sample : 04230-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 04:59:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

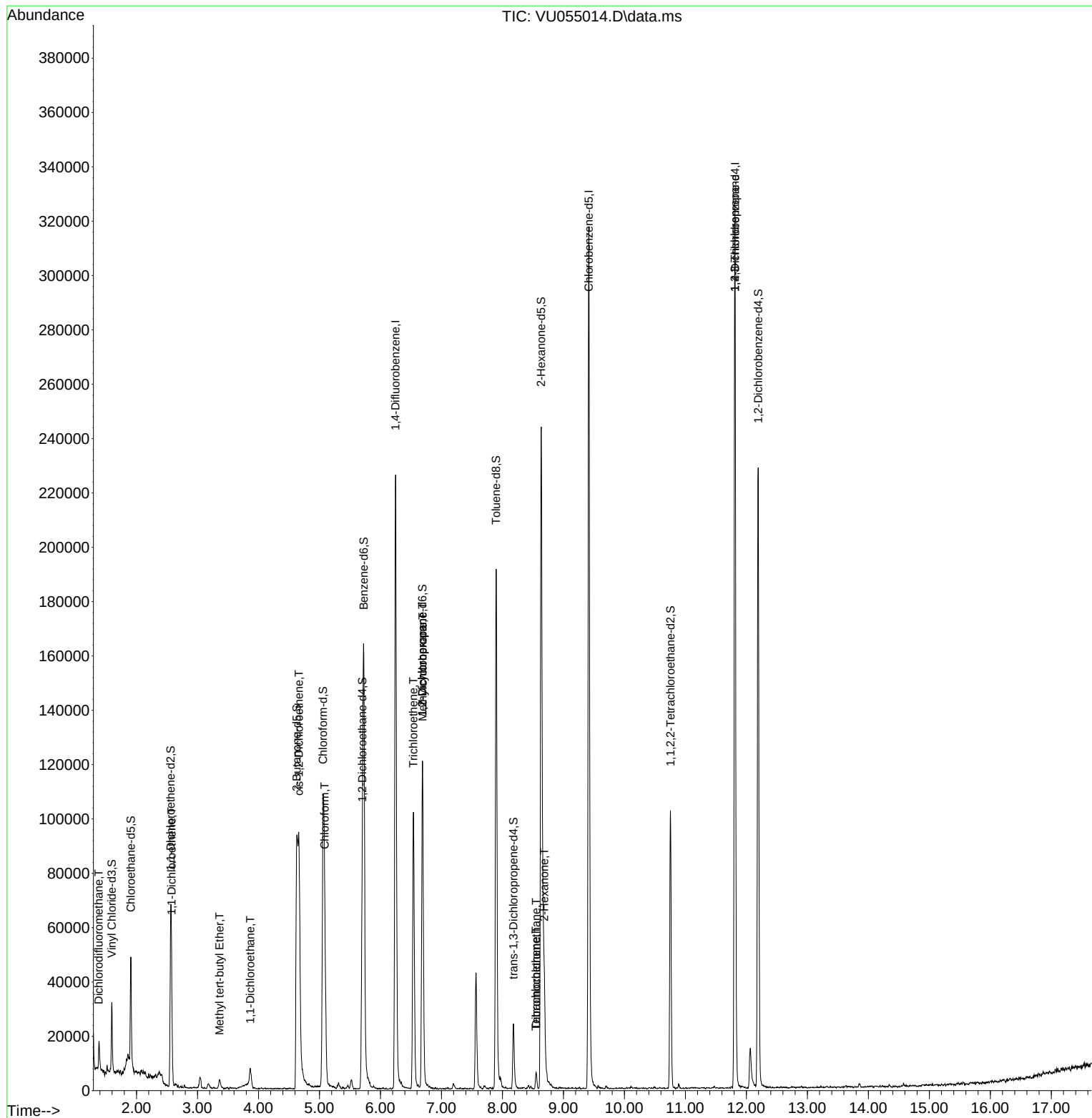
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18097	3.144	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.907	69	26284	3.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.600%	
11) 1,1-Dichloroethene-d2	2.560	65	11028	3.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	4.628	46	144602	46.542	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.080%	
24) Chloroform-d	5.058	84	87236	4.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
26) 1,2-Dichloroethane-d4	5.701	65	48871	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.727	84	149916	3.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.689	67	56900	4.238	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.800%	
41) Toluene-d8	7.898	98	131625	3.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	8.180	79	13567	3.070	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.400%	
46) 2-Hexanone-d5	8.634	63	77130	36.776	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.560%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49608	4.309	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	57522	4.320	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1684	0.149	ug/L #	81
12) 1,1-Dichloroethene	2.576	96	7302	0.887	ug/L #	54
17) Methyl tert-butyl Ether	3.361	73	3169	0.132	ug/L	95
19) 1,1-Dichloroethane	3.866	63	7257	0.384	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	35370	3.297	ug/L	99
25) Chloroform	5.087	83	47698	2.304	ug/L	96
34) Trichloroethene	6.541	95	34887	3.142	ug/L	97
35) Methylcyclohexane	6.692	83	13159	0.801	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	6360	0.569	ug/L #	90
47) Tetrachloroethene	8.547	164	1251	0.157	ug/L	89
48) 2-Hexanone	8.685	43	22936	4.974	ug/L #	94
49) Dibromochloromethane	8.553	129	1411	0.162	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	11523	1.856	ug/L #	70

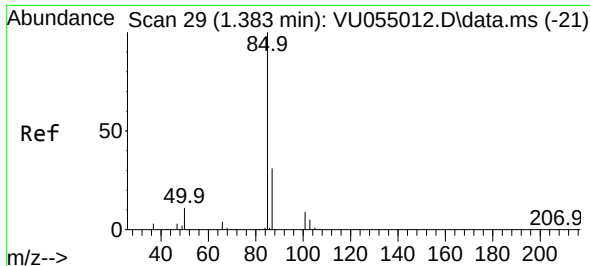
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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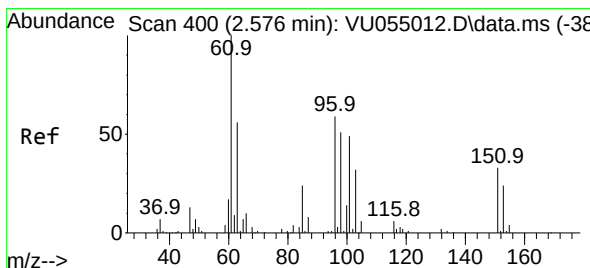
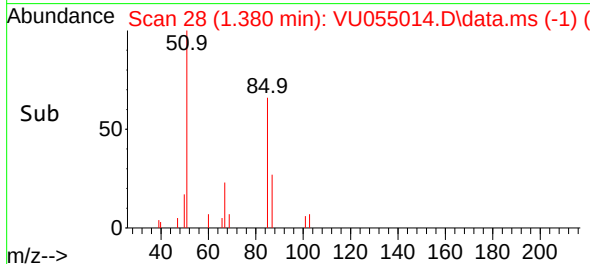
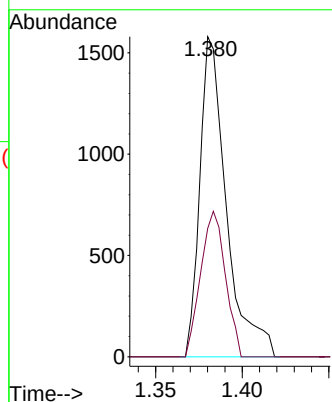
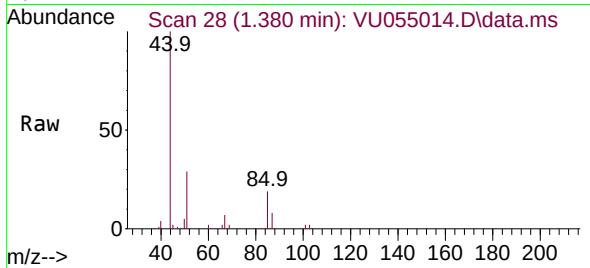




#2
 Dichlorodifluoromethane
 Concen: 0.149 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055014.D
 Acq: 31 Aug 2023 12:18

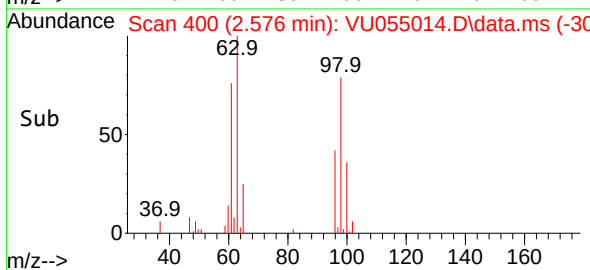
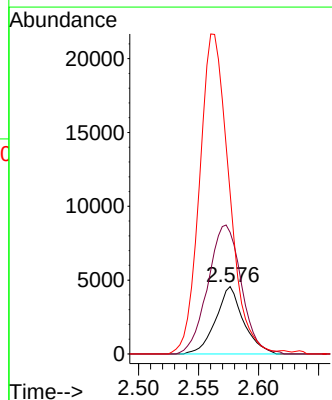
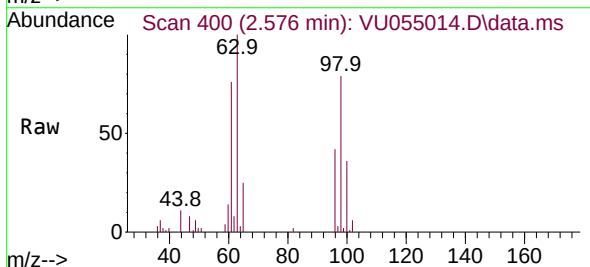
Instrument :
 MSVOA_U
 ClientSampleId :

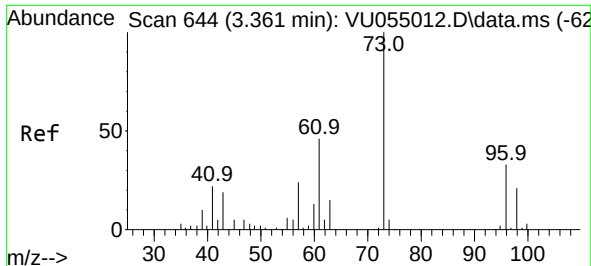
Tgt Ion: 85 Resp: 1684
 Ion Ratio Lower Upper
 85 100
 87 42.2 25.4 38.0#



#12
 1,1-Dichloroethene
 Concen: 0.887 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055014.D
 Acq: 31 Aug 2023 12:18

Tgt Ion: 96 Resp: 7302
 Ion Ratio Lower Upper
 96 100
 61 180.8 132.4 245.8
 63 239.4 82.5 153.1#





#17

Methyl tert-butyl Ether

Concen: 0.132 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU055014.D

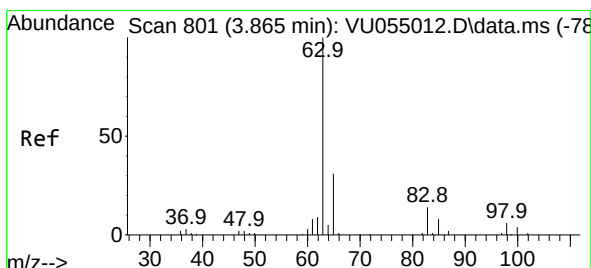
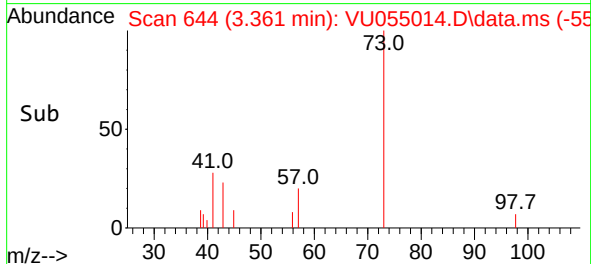
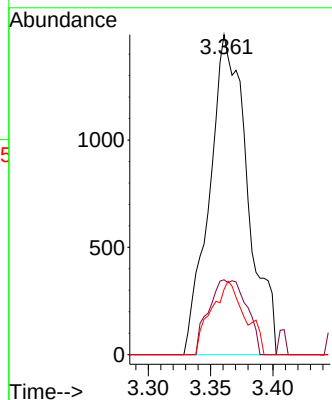
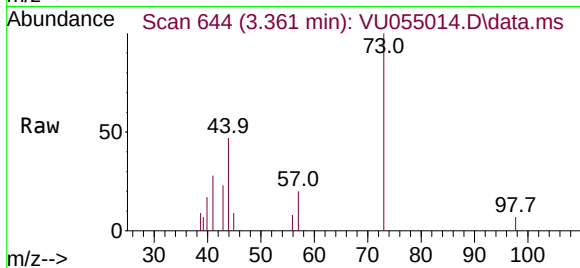
Acq: 31 Aug 2023 12:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp:	3169
Ion	Ratio	Lower Upper
73	100	
43	23.2	16.2 24.2
57	20.4	17.4 26.0



#19

1,1-Dichloroethane

Concen: 0.384 ug/L

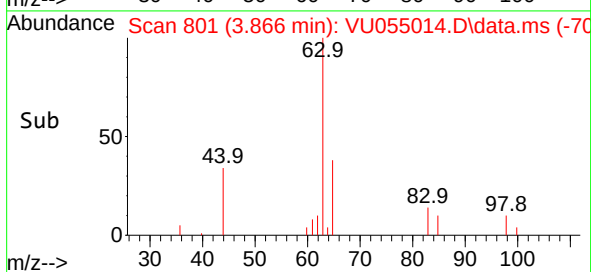
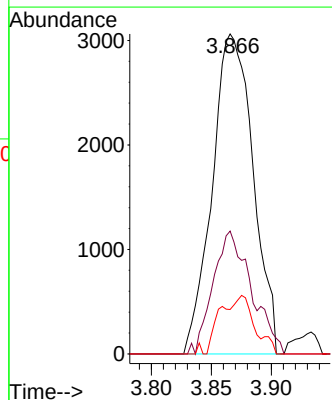
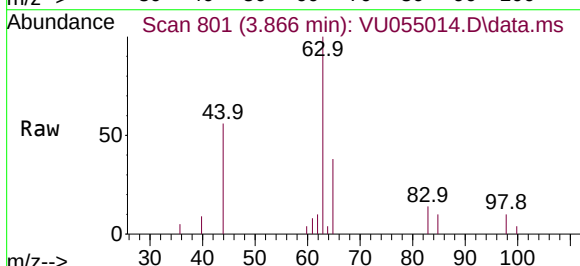
RT: 3.866 min Scan# 801

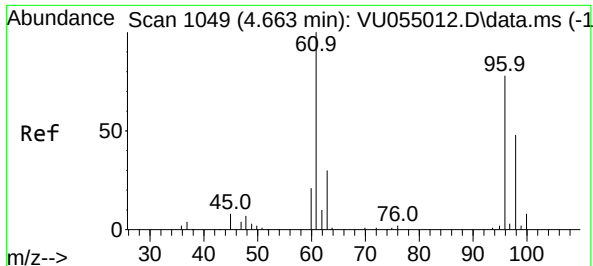
Delta R.T. 0.000 min

Lab File: VU055014.D

Acq: 31 Aug 2023 12:18

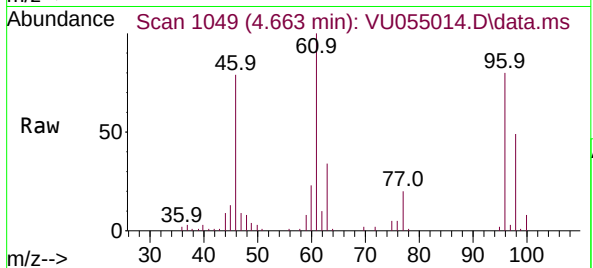
Tgt Ion: 63	Resp:	7257
Ion	Ratio	Lower Upper
63	100	
65	37.0	22.5 41.7
83	13.4	9.5 17.7



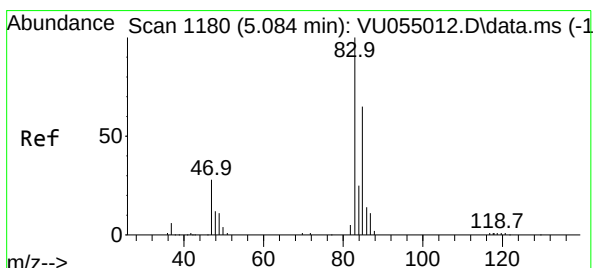
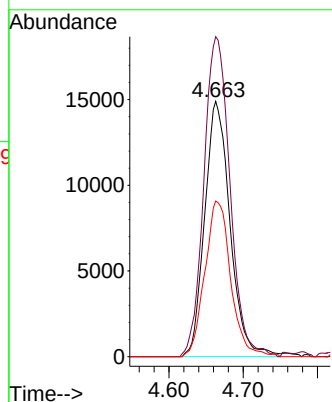
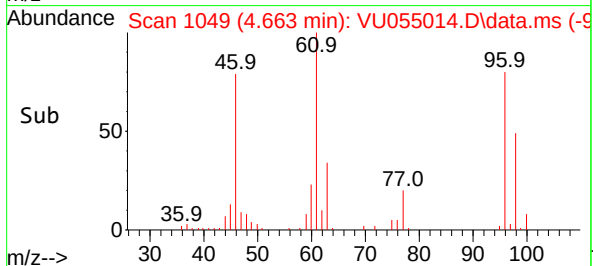


#22
cis-1,2-Dichloroethene
Concen: 3.297 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

Instrument :
MSVOA_U
ClientSampleId :

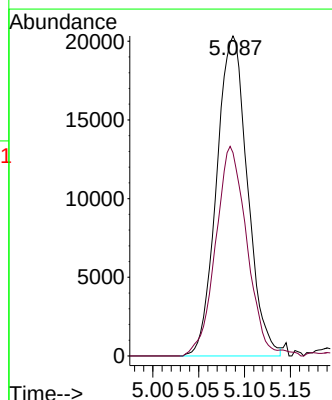
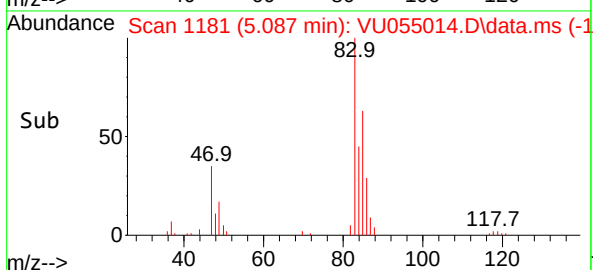
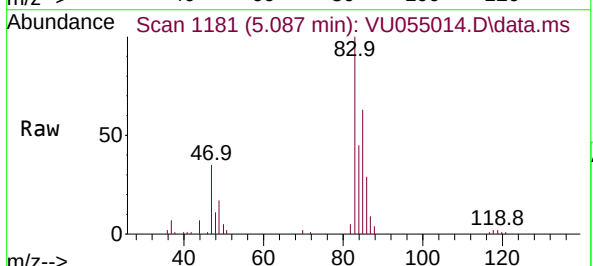


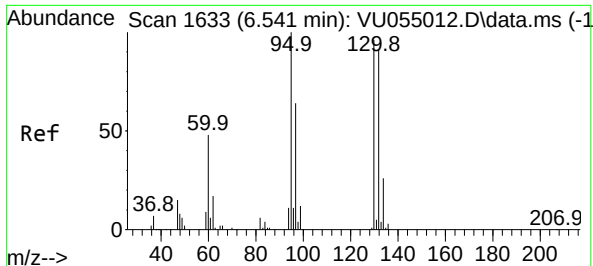
Tgt Ion: 96 Resp: 35370
Ion Ratio Lower Upper
96 100
61 125.3 88.4 164.2
98 61.0 44.0 81.6



#25
Chloroform
Concen: 2.304 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

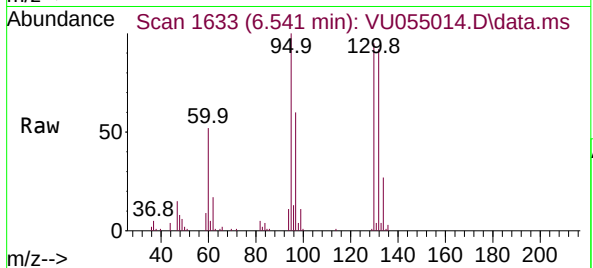
Tgt Ion: 83 Resp: 47698
Ion Ratio Lower Upper
83 100
85 63.5 46.7 86.7



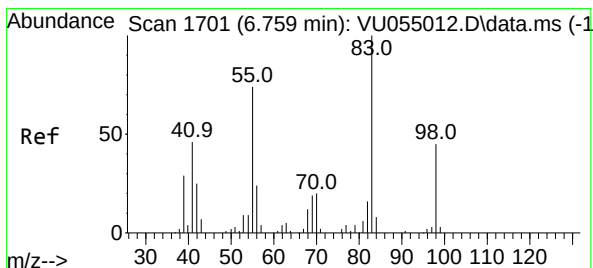
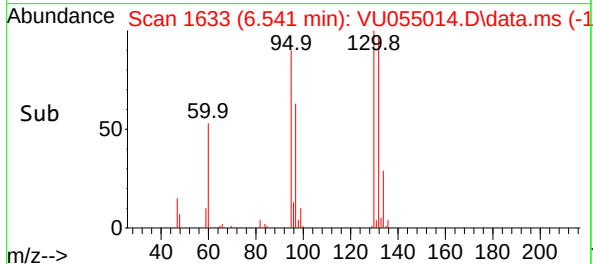
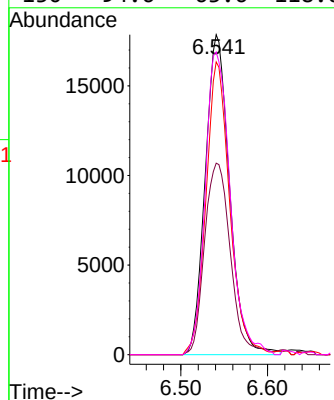


#34
Trichloroethene
Concen: 3.142 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

Instrument :
MSVOA_U
ClientSampleId :

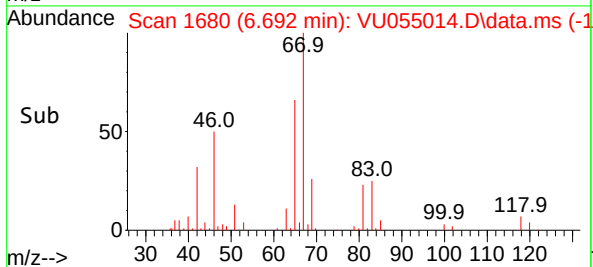
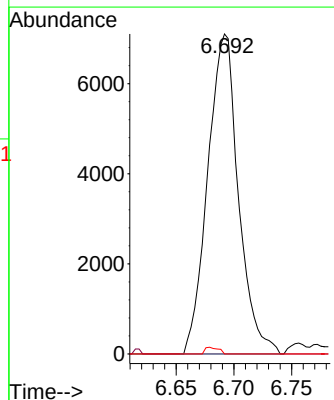
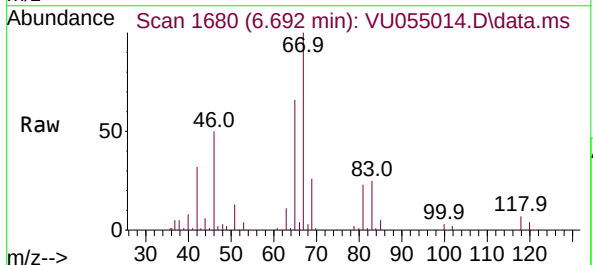


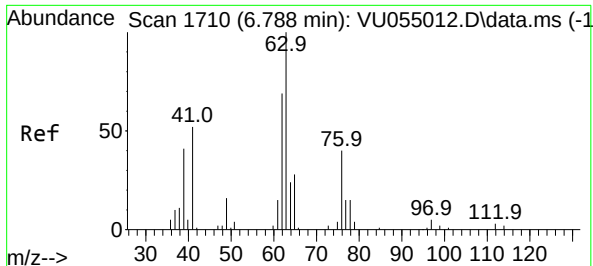
Tgt Ion: 95 Resp: 34887
Ion Ratio Lower Upper
95 100
97 59.9 44.1 81.9
132 91.5 63.6 118.2
130 94.6 63.6 118.0



#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

Tgt Ion: 83 Resp: 13159
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.9 37.8 56.6#

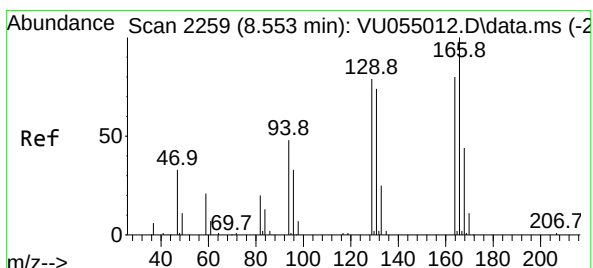
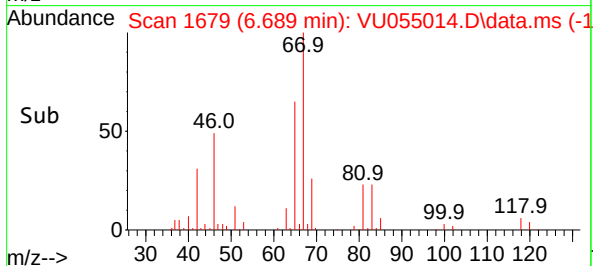
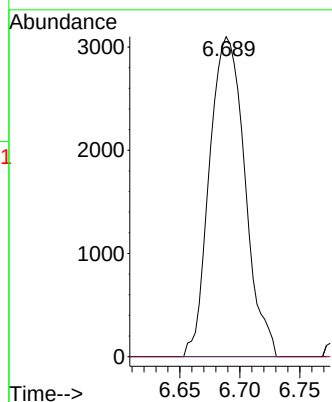
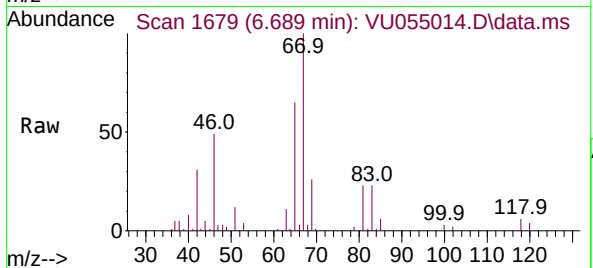




#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

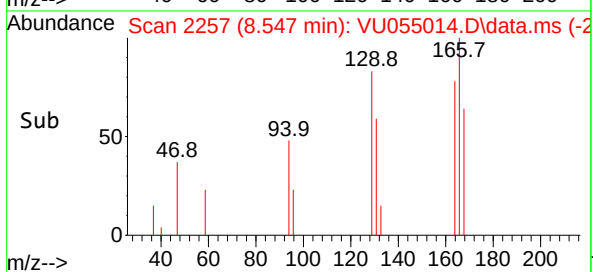
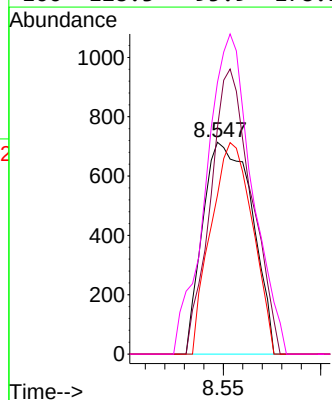
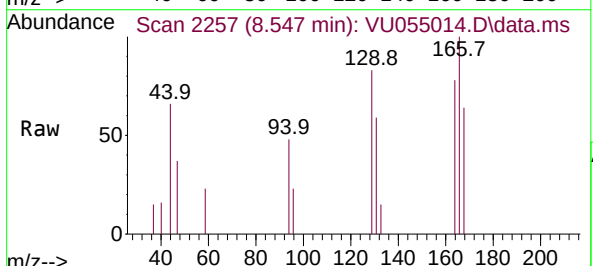
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MSVOA_U
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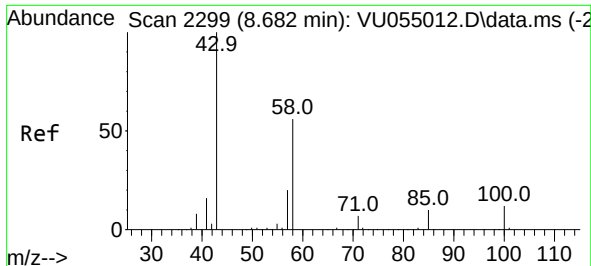
Tgt Ion: 63 Resp: 6360
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.157 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.006 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

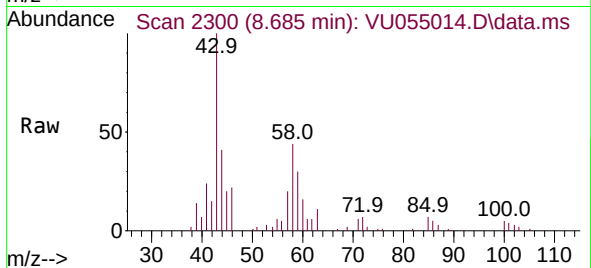
Tgt Ion: 164 Resp: 1251
Ion Ratio Lower Upper
164 100
129 107.0 72.8 135.2
131 75.1 70.7 131.3
166 128.3 95.9 178.1



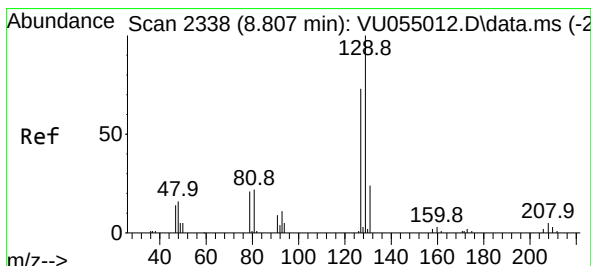
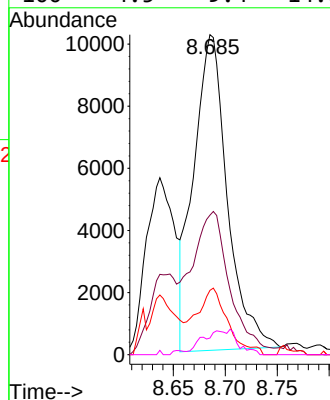
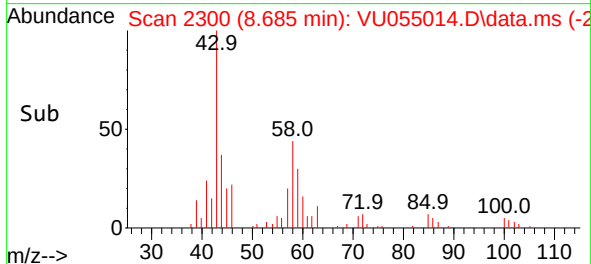


#48
2-Hexanone
Concen: 4.974 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

Instrument :
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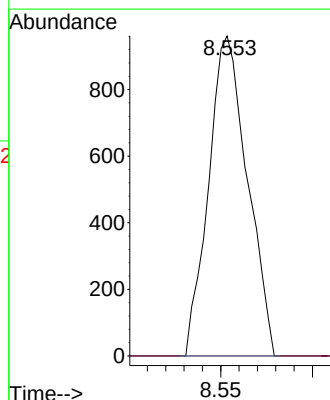
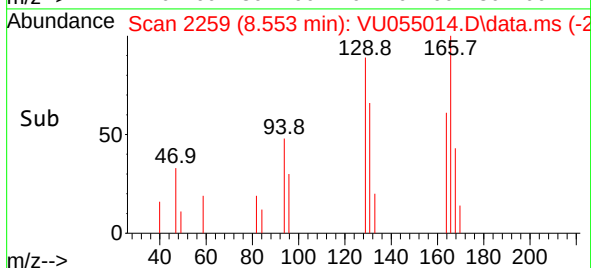
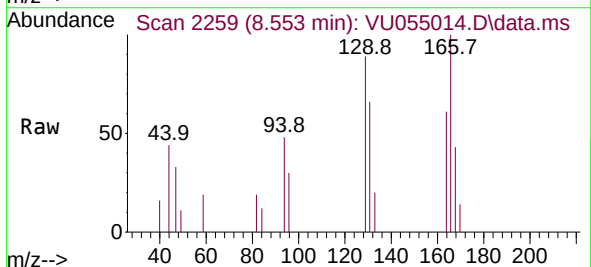


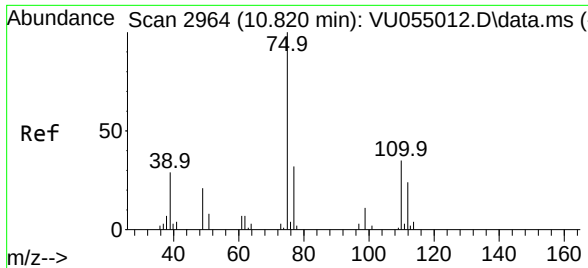
Tgt Ion: 43 Resp: 22936
Ion Ratio Lower Upper
43 100
58 51.2 44.0 66.0
57 19.2 15.9 23.9
100 4.5 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.162 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

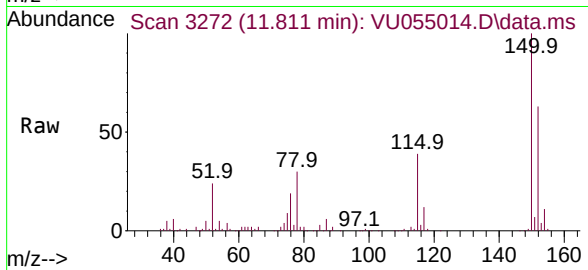
Tgt Ion: 129 Resp: 1411
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#





#61
1,2,3-Trichloropropane
Concen: 1.856 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055014.D
Acq: 31 Aug 2023 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.2	29.0	43.6#
77	33.7	26.5	39.7

