

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052008.D
 Acq On : 21 Nov 2022 20:40
 Operator : JC/MD
 Sample : N5710-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

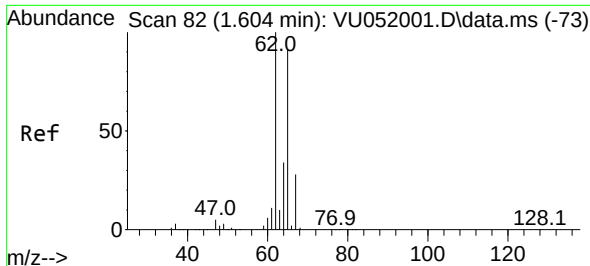
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	461617	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	190427	47.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.200%		
7) Chloroethane-d5	1.906	69	155047	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.880%		
11) 1,1-Dichloroethene-d2	2.565	63	237707	40.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.180%		
21) 2-Butanone-d5	4.617	46	225248	93.703	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.700%		
24) Chloroform-d	5.060	84	298769	45.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.160%		
26) 1,2-Dichloroethane-d4	5.697	65	187878	47.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.726	84	636020	48.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
36) 1,2-Dichloropropane-d6	6.687	67	210005	49.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.960%		
41) Toluene-d8	7.896	98	531271	45.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.020%		
43) trans-1,3-Dichloroprop...	8.176	79	79262	43.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.629	63	155072	93.661	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.660%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	305468	45.492	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	174354	51.702	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3298	0.904	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2599	0.929	ug/L #	24
12) 1,1-Dichloroethene	2.578	96	37353	13.975	ug/L #	10
16) Methylene chloride	3.044	84	5377	1.321	ug/L	98
19) 1,1-Dichloroethane	3.867	63	6743	1.152	ug/L #	88
20) cis-1,2-Dichloroethene	4.665	96	30895	9.048	ug/L	92
34) Trichloroethene	6.539	95	323216	105.496	ug/L	97
37) 1,2-Dichloropropane	6.687	63	20632	5.624	ug/L #	88
44) trans-1,3-Dichloropropene	8.179	75	3306	0.713	ug/L #	79
46) Tetrachloroethene	8.552	164	6996	3.027	ug/L	91
49) Dibromochloromethane	8.552	129	6794	1.849	ug/L #	10

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

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QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration

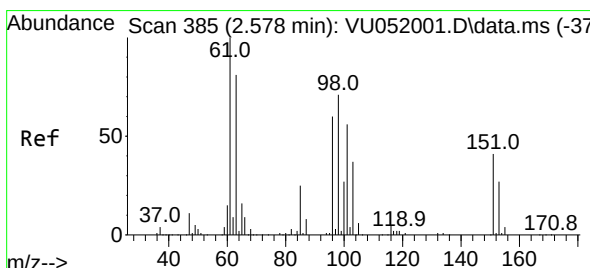
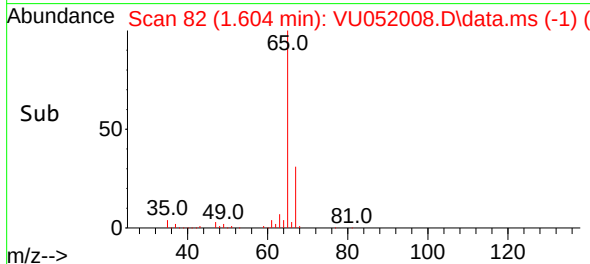
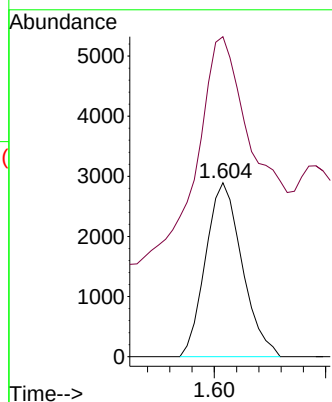
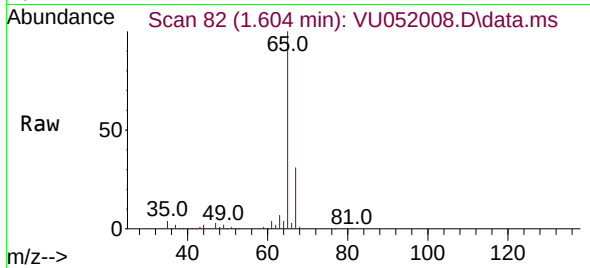




#5
 Vinyl chloride
 Concen: 0.904 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052008.D
 Acq: 21 Nov 2022 20:40

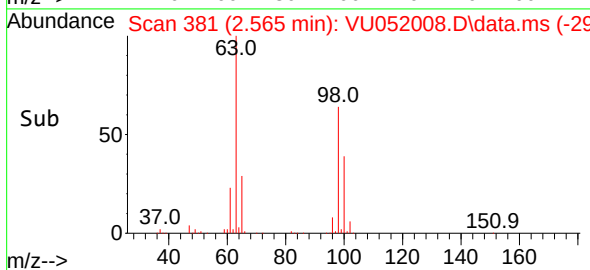
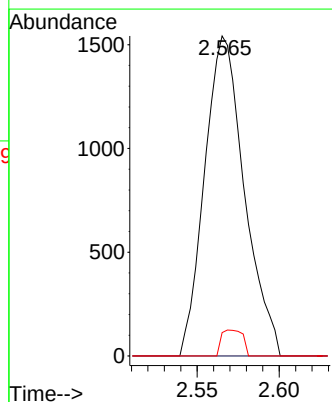
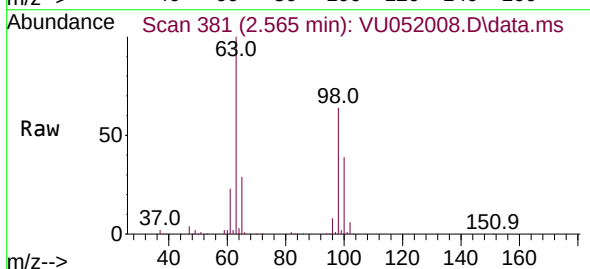
Instrument :
 MSVOA_U
 ClientSampleId :

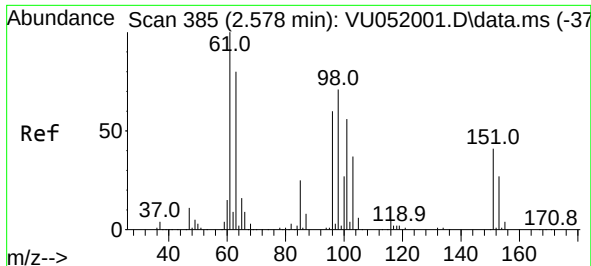
Tgt Ion: 62 Resp: 3298
 Ion Ratio Lower Upper
 62 100
 64 184.0 23.9 44.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.929 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052008.D
 Acq: 21 Nov 2022 20:40

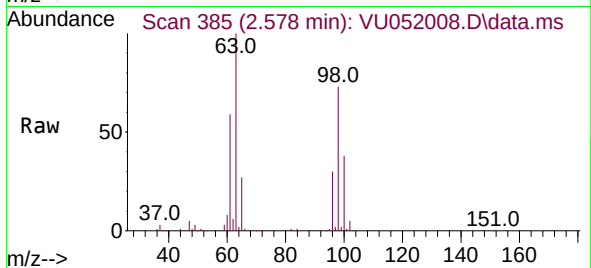
Tgt Ion: 101 Resp: 2599
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 4.3 58.9 88.3#





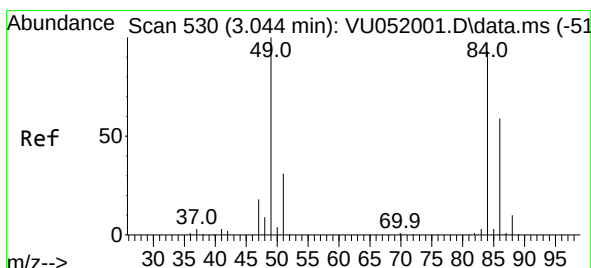
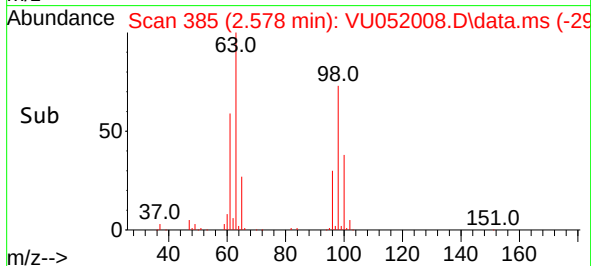
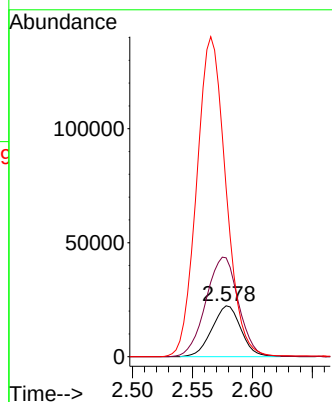
#12
1,1-Dichloroethene
Concen: 13.975 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 37353

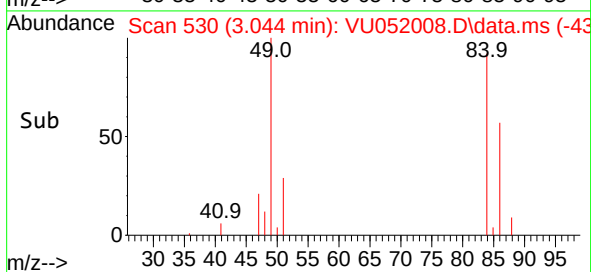
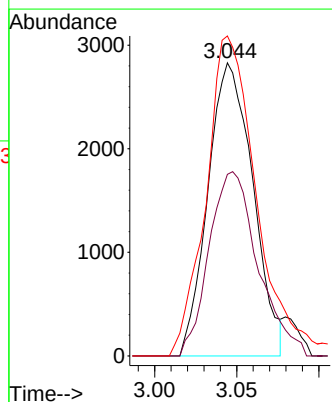
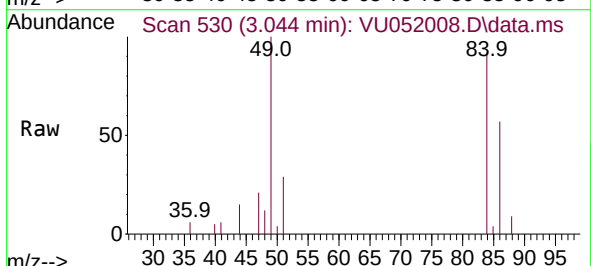
Ion	Ratio	Lower	Upper
96	100		
61	194.3	114.2	212.0
63	331.9	90.9	168.7

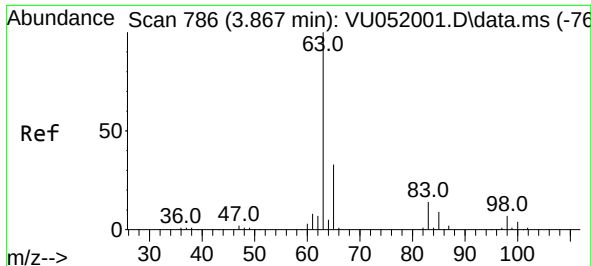


#16
Methylene chloride
Concen: 1.321 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

Tgt Ion: 84 Resp: 5377

Ion	Ratio	Lower	Upper
84	100		
86	61.9	45.2	84.0
49	109.2	75.9	141.1





#19

1,1-Dichloroethane

Concen: 1.152 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU052008.D

Acq: 21 Nov 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

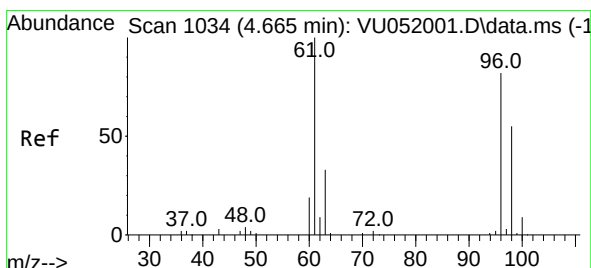
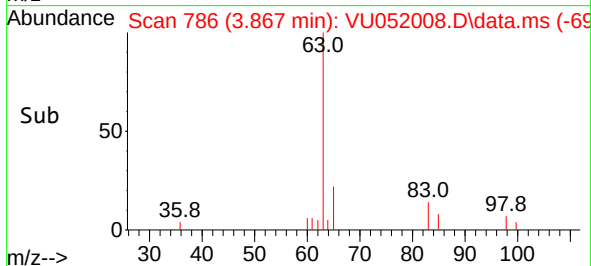
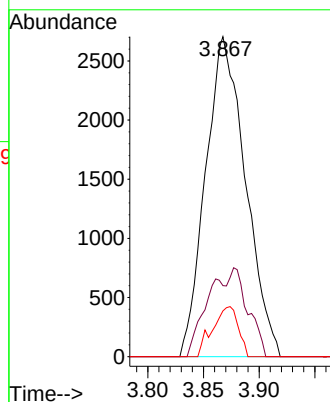
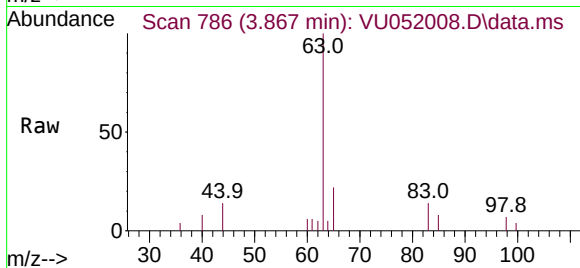
Tgt Ion: 63 Resp: 6743

Ion Ratio Lower Upper

63 100

65 22.2 22.3 41.3#

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 9.048 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052008.D

Acq: 21 Nov 2022 20:40

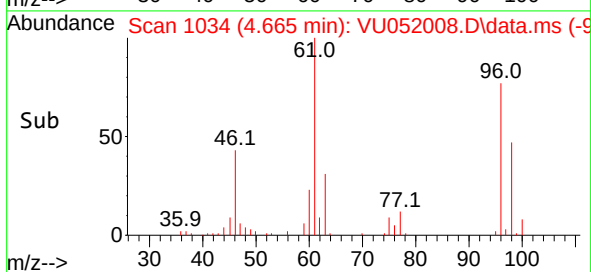
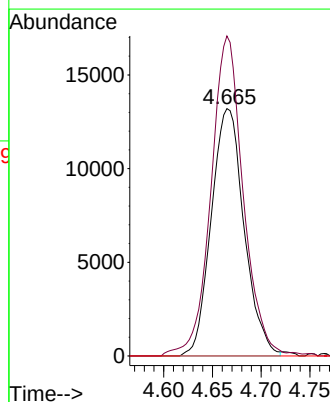
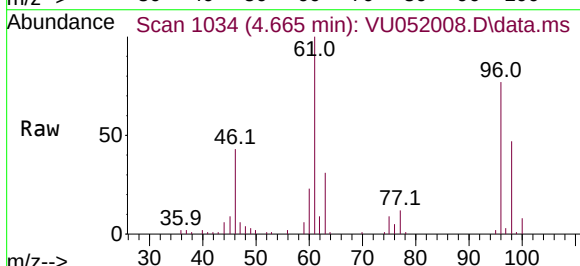
Tgt Ion: 96 Resp: 30895

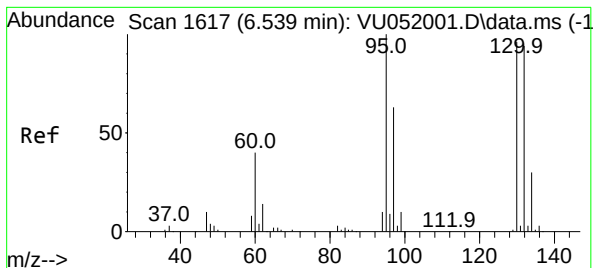
Ion Ratio Lower Upper

96 100

61 129.4 84.5 156.9

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 105.496 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052008.D

Acq: 21 Nov 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 323216

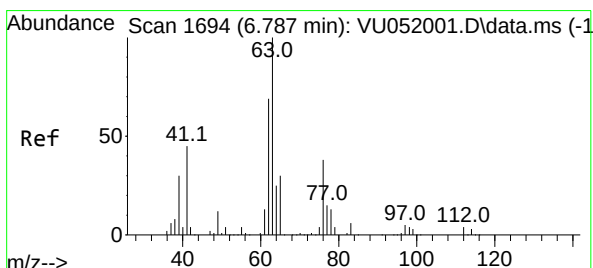
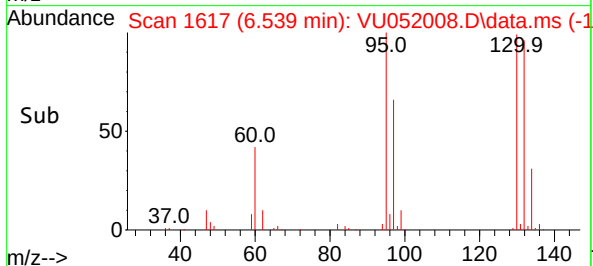
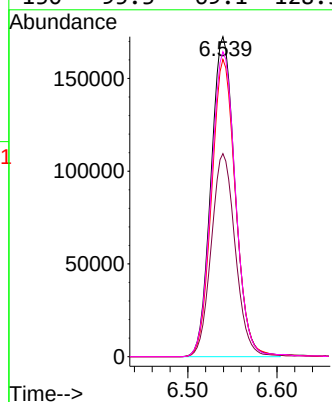
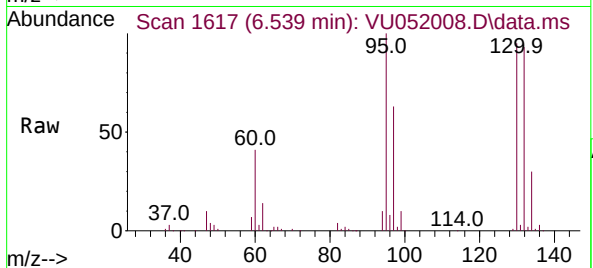
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 92.9 66.8 124.2

130 95.3 69.1 128.3



#37

1,2-Dichloropropane

Concen: 5.624 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.099 min

Lab File: VU052008.D

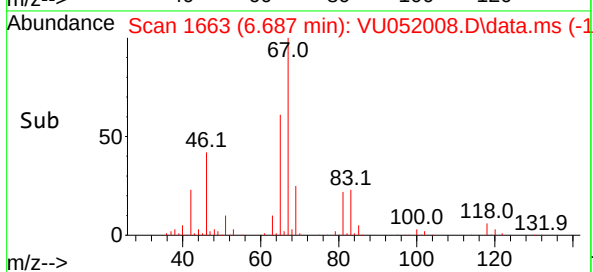
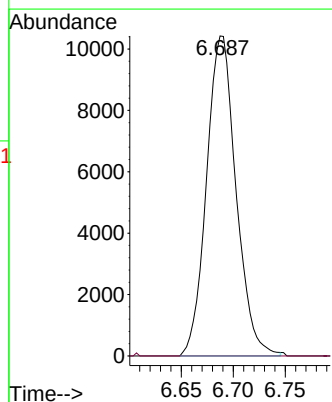
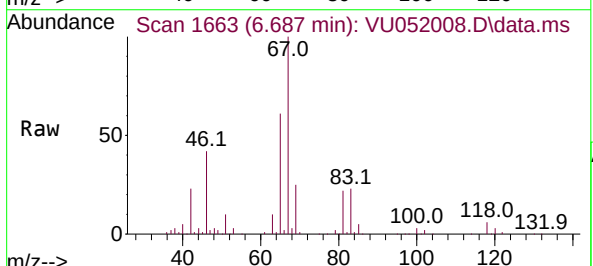
Acq: 21 Nov 2022 20:40

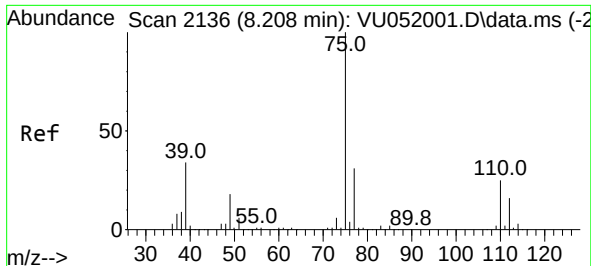
Tgt Ion: 63 Resp: 20632

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

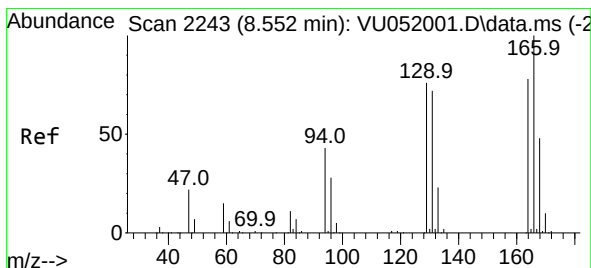
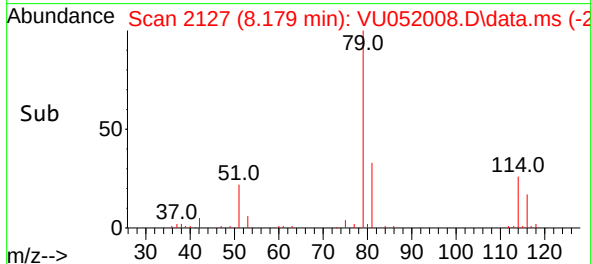
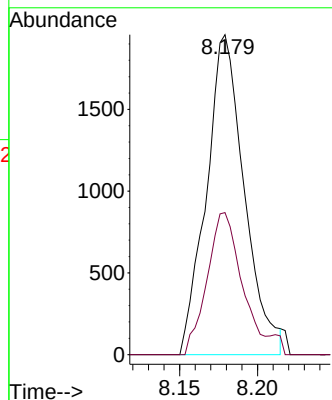
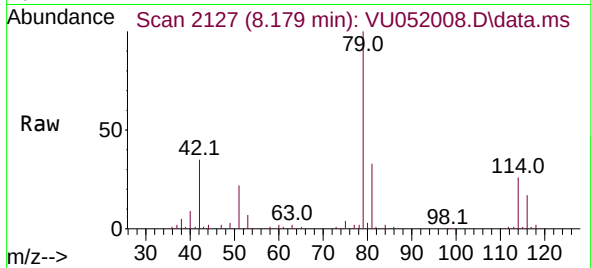




#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

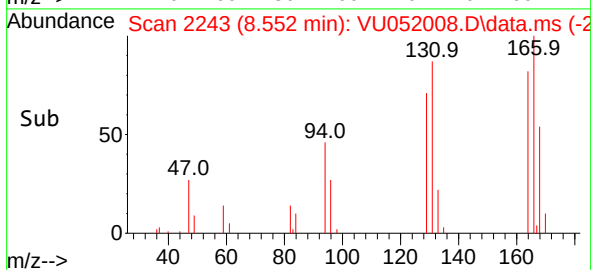
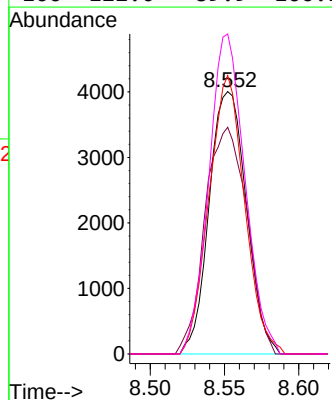
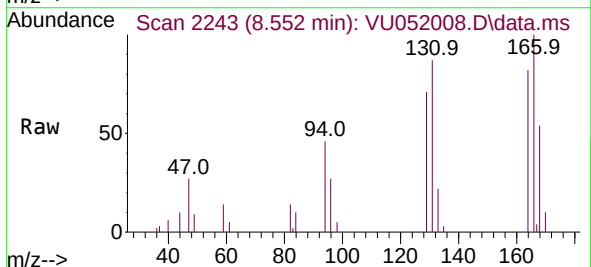
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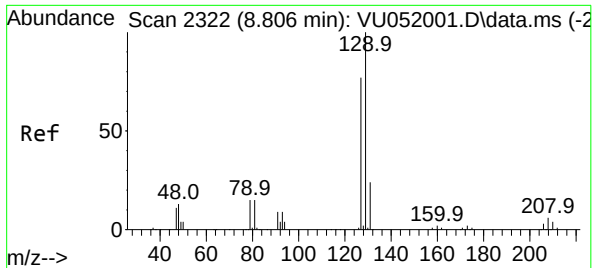
Tgt Ion: 75 Resp: 3306
Ion Ratio Lower Upper
75 100
77 44.4 22.7 42.1#



#46
Tetrachloroethene
Concen: 3.027 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052008.D
Acq: 21 Nov 2022 20:40

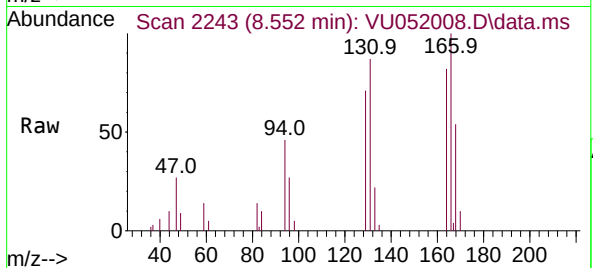
Tgt Ion: 164 Resp: 6996
Ion Ratio Lower Upper
164 100
129 86.4 67.3 124.9
131 106.1 65.2 121.2
166 122.0 89.9 166.9





#49
 Dibromochloromethane
 Concen: 1.849 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU052008.D
 Acq: 21 Nov 2022 20:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 6794
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#

