

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050102.D
 Acq On : 05 Aug 2022 17:29
 Operator : SY/MD
 Sample : N4027-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85737	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28108	3.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.909	69	25399	4.412	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.562	65	11545	4.140	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.623	46	90806	52.189	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.380%	
24) Chloroform-d	5.064	84	62652	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.703	65	33535	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.729	84	122768	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.694	67	42616	4.799	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.899	98	100420	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.182	79	14398	4.525	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.636	63	55485	49.170	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37012	4.746	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33185	5.254	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1368	0.133	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	838	0.149	ug/L #	48
12) 1,1-Dichloroethene	2.578	96	2225	0.375	ug/L #	1
13) Acetone	2.626	43	4709	4.860	ug/L	94
19) 1,1-Dichloroethane	3.871	63	5021	0.400	ug/L	100
21) 2-Butanone	4.716	43	2196	1.260	ug/L	81
22) cis-1,2-Dichloroethene	4.668	96	18797	2.552	ug/L	99
25) Chloroform	5.089	83	5001	0.373	ug/L	100
29) 1,1,1-Trichloroethane	5.308	97	537	0.051	ug/L #	40
31) Carbon tetrachloride	5.527	117	2420	0.278	ug/L	98
34) Trichloroethene	6.543	95	192181	26.246	ug/L	99
35) Methylcyclohexane	6.690	83	9767	1.033	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4336	0.538	ug/L #	89
47) Tetrachloroethene	8.555	164	2073	0.395	ug/L	91
49) Dibromochloromethane	8.552	129	2264	0.339	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4143	0.944	ug/L #	63

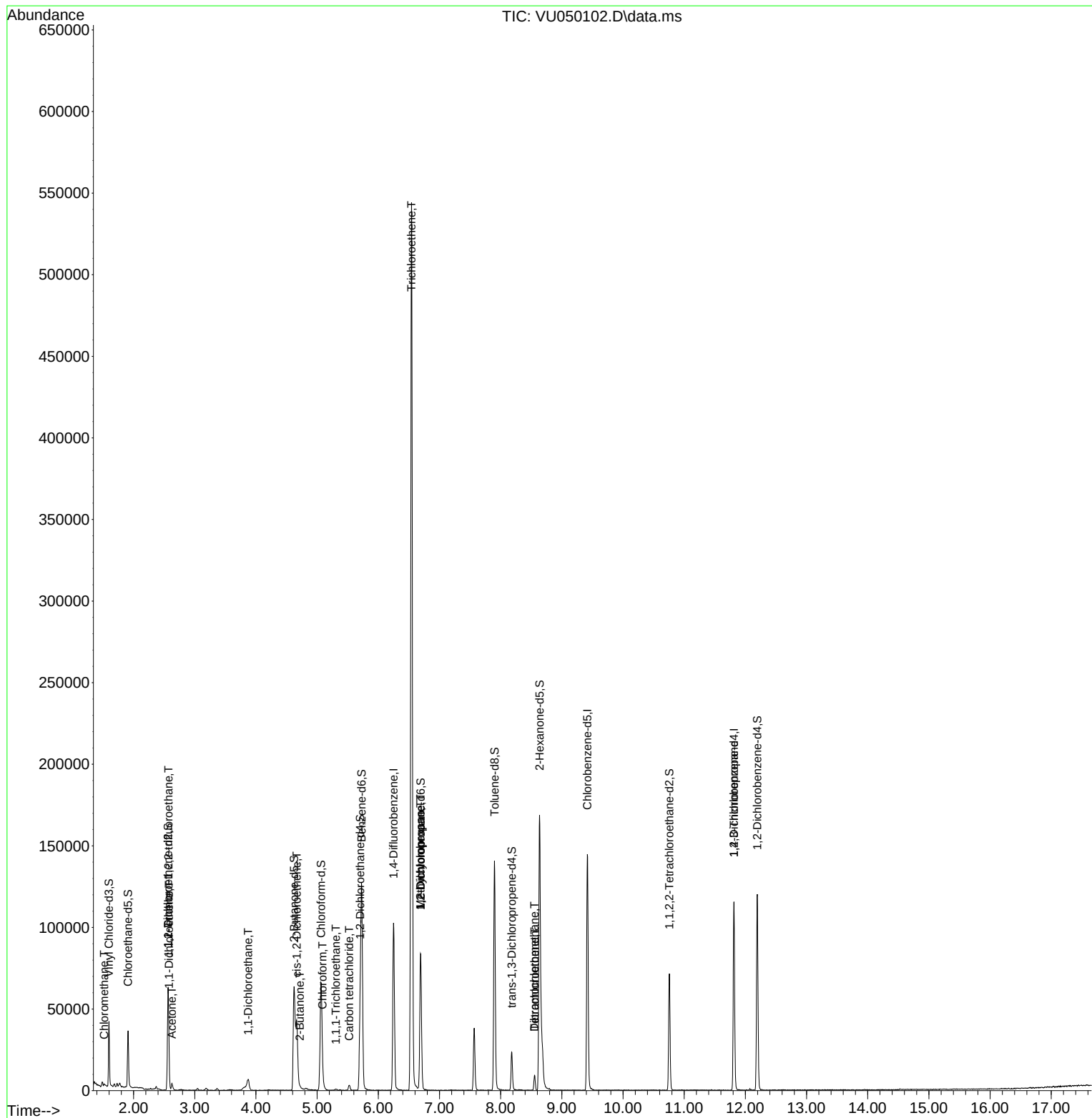
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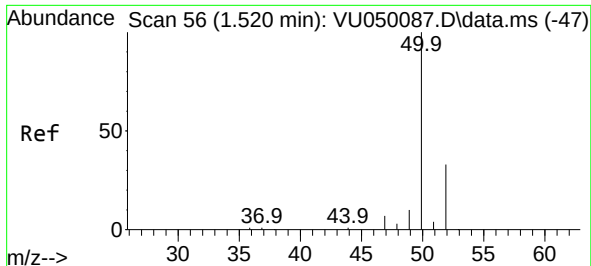
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
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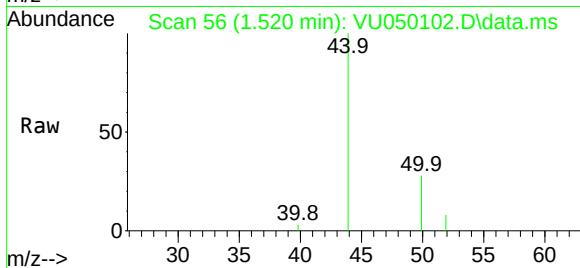
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
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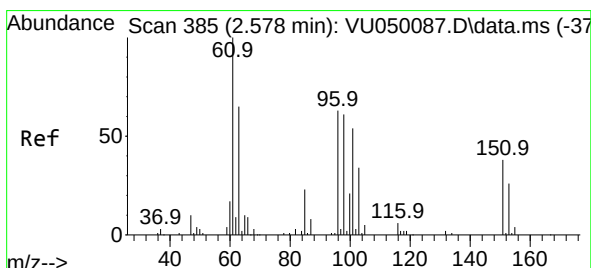
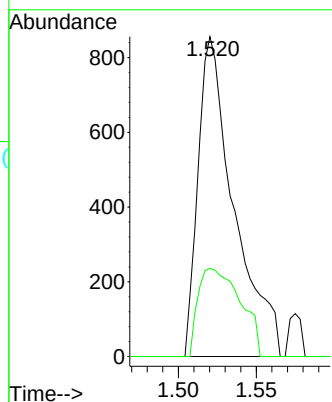
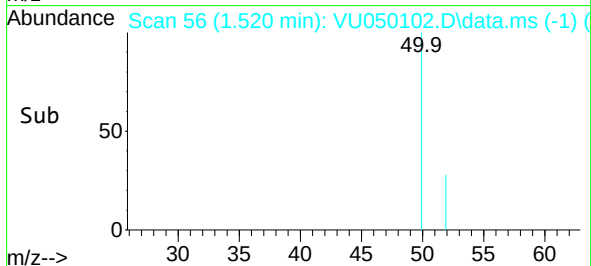


#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

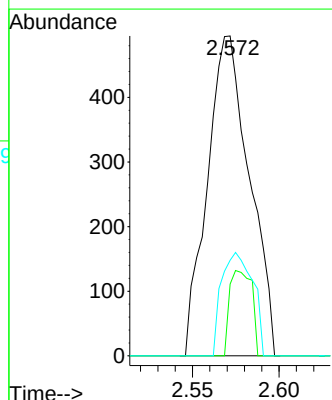
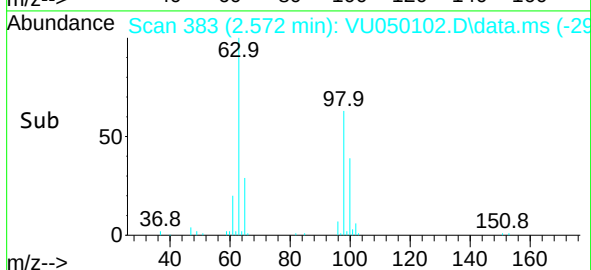
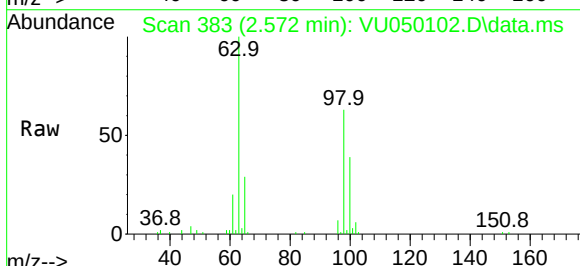


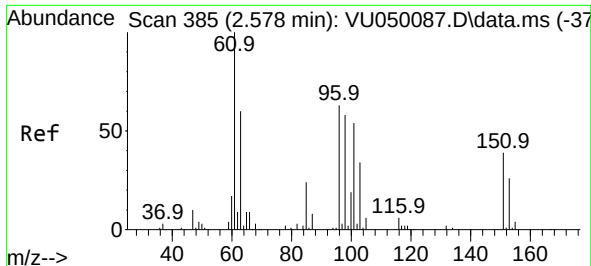
Tgt Ion: 50 Resp: 1368
Ion Ratio Lower Upper
50 100
52 27.6 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.149 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Tgt Ion: 101 Resp: 838
Ion Ratio Lower Upper
101 100
85 14.0 35.6 53.4#
151 24.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.375 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

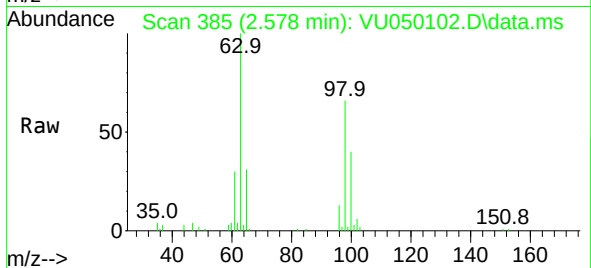
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Acq: 05 Aug 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :



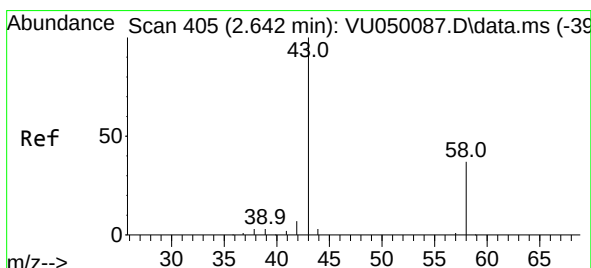
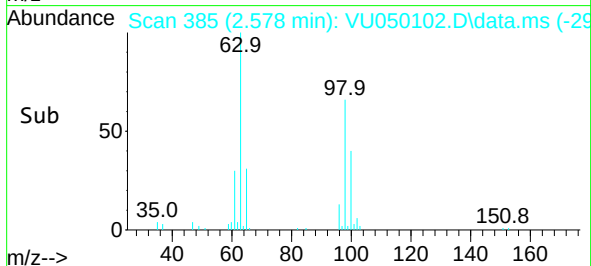
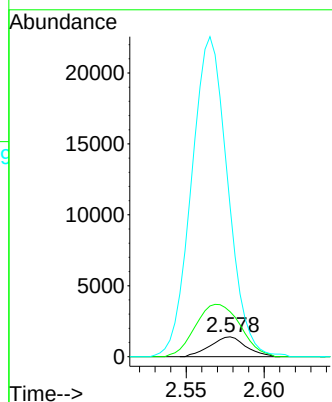
Tgt Ion: 96 Resp: 2225

Ion Ratio Lower Upper

96 100

61 226.8 122.7 227.9

63 755.6 85.1 158.1#



#13

Acetone

Concen: 4.860 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.016 min

Lab File: VU050102.D

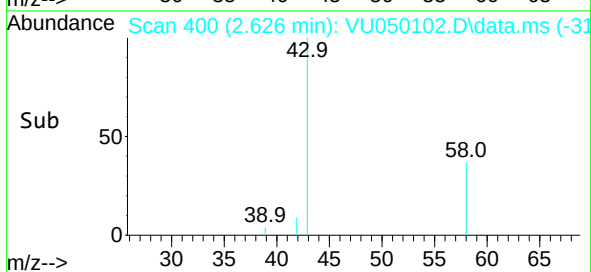
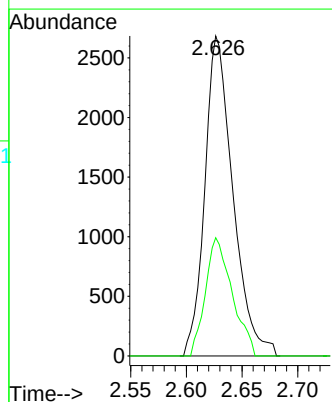
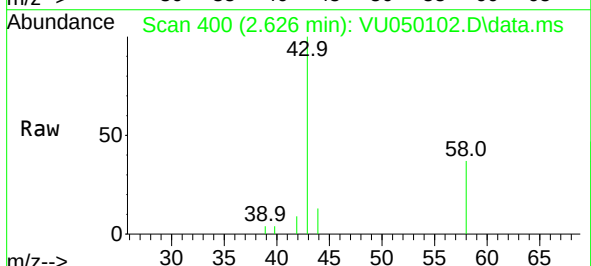
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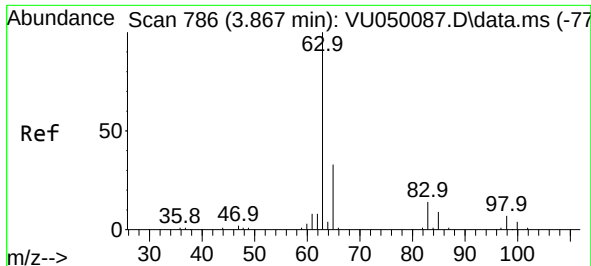
Tgt Ion: 43 Resp: 4709

Ion Ratio Lower Upper

43 100

58 35.1 0.0 64.0





#19

1,1-Dichloroethane

Concen: 0.400 ug/L

RT: 3.871 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU050102.D

Acq: 05 Aug 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :

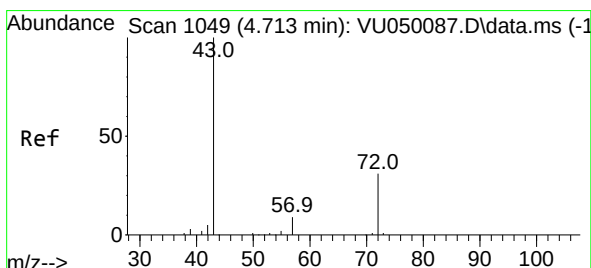
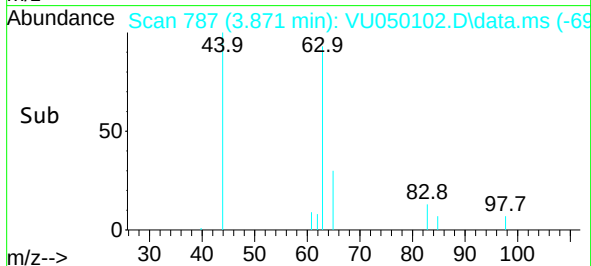
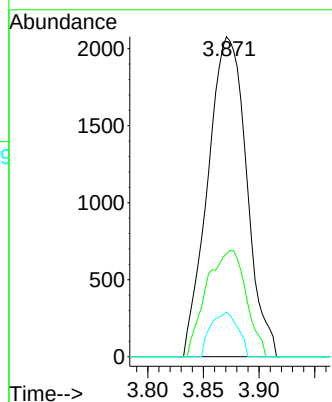
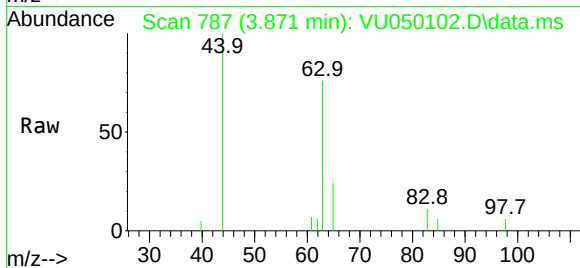
Tgt Ion: 63 Resp: 5021

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 14.0 9.8 18.2



#21

2-Butanone

Concen: 1.260 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU050102.D

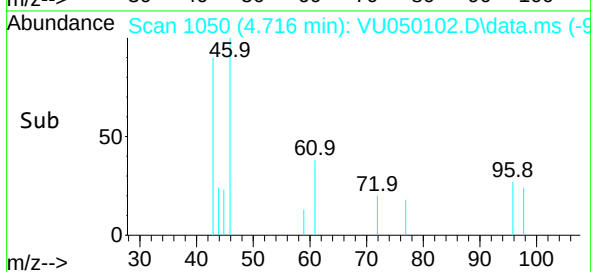
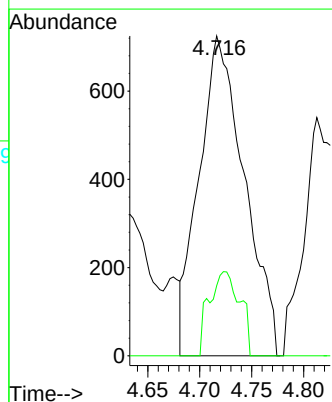
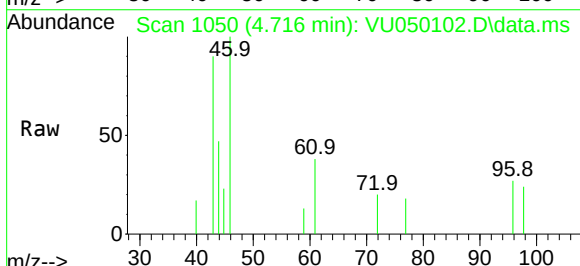
Acq: 05 Aug 2022 17:29

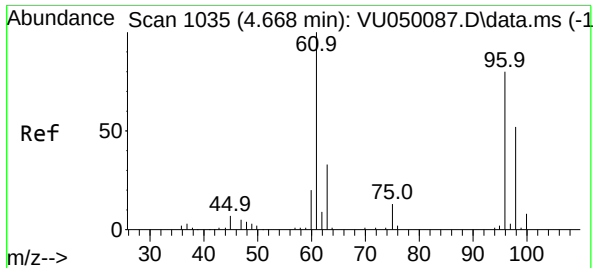
Tgt Ion: 43 Resp: 2196

Ion Ratio Lower Upper

43 100

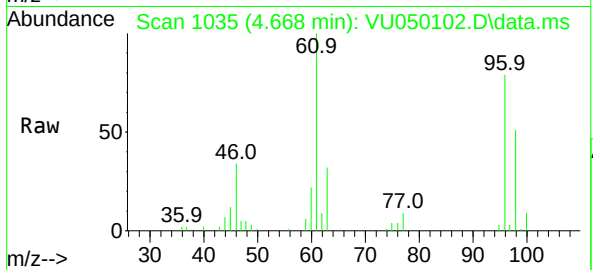
72 17.8 14.0 42.0



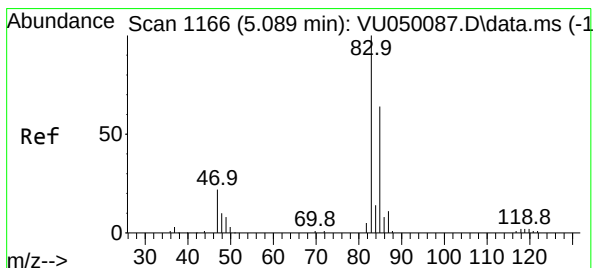
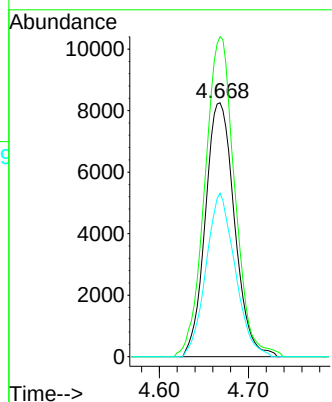
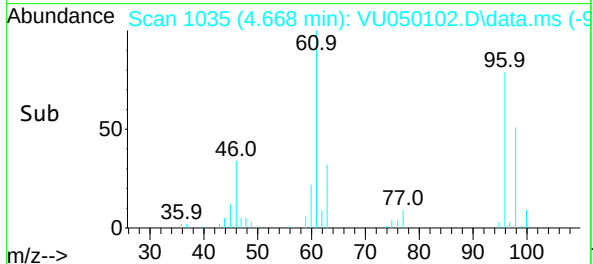


#22
 cis-1,2-Dichloroethene
 Concen: 2.552 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050102.D
 Acq: 05 Aug 2022 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

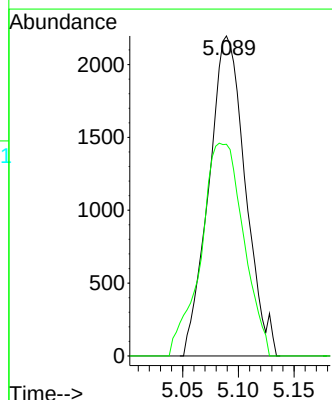
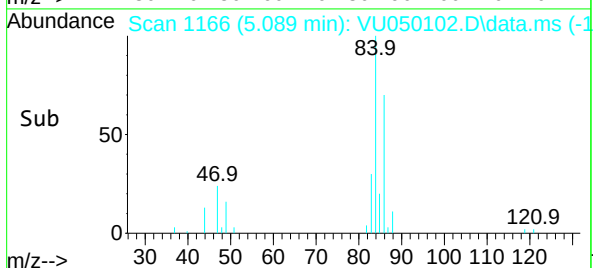
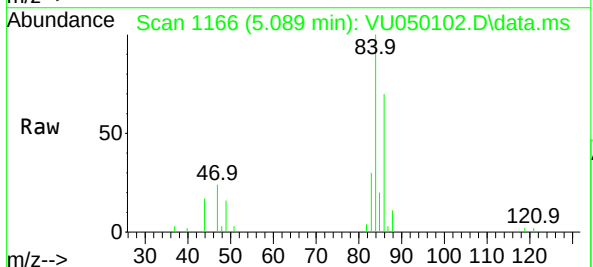


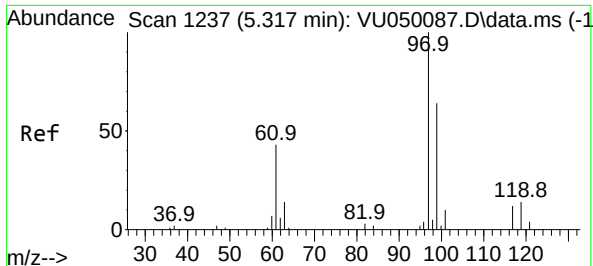
Tgt Ion: 96 Resp: 18797
 Ion Ratio Lower Upper
 96 100
 61 126.0 89.0 165.4
 98 64.4 45.2 84.0



#25
 Chloroform
 Concen: 0.373 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.000 min
 Lab File: VU050102.D
 Acq: 05 Aug 2022 17:29

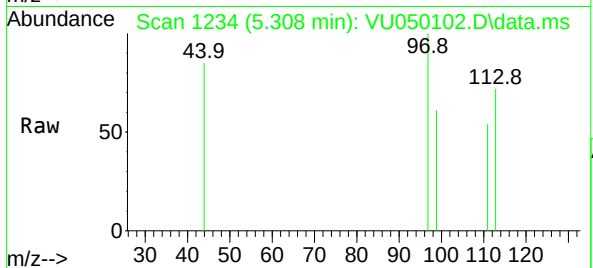
Tgt Ion: 83 Resp: 5001
 Ion Ratio Lower Upper
 83 100
 85 66.2 46.1 85.5



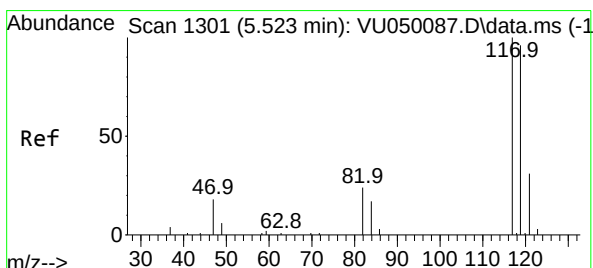
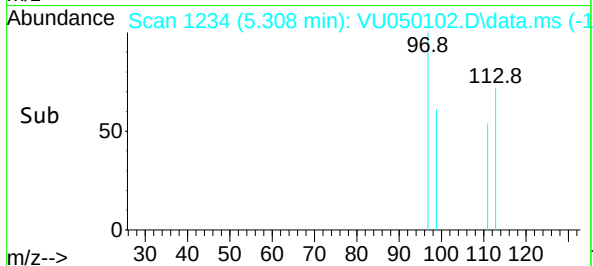
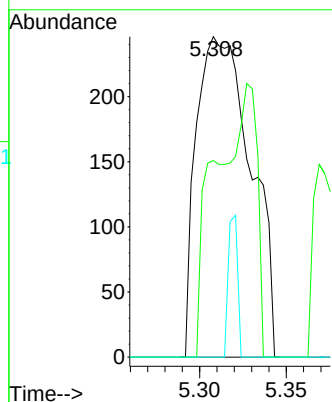


#29
1,1,1-Trichloroethane
Concen: 0.051 ug/L
RT: 5.308 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :

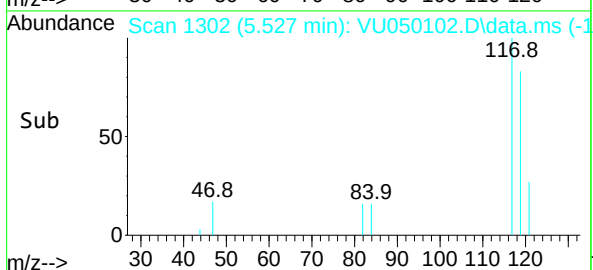
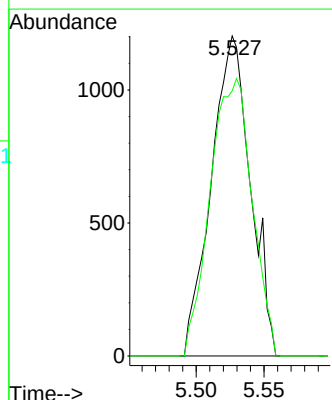
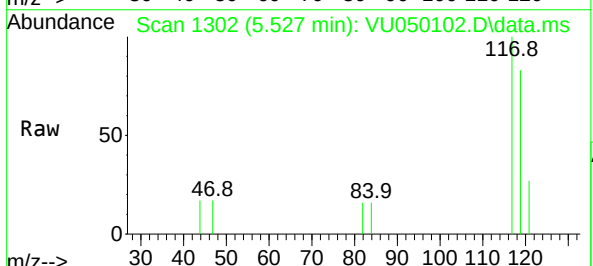


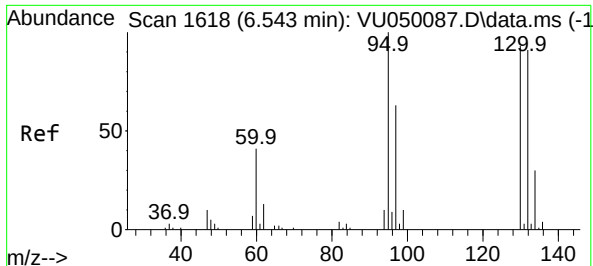
Tgt Ion: 97 Resp: 537
Ion Ratio Lower Upper
97 100
99 20.7 51.5 77.3#
61 0.0 34.2 51.4#



#31
Carbon tetrachloride
Concen: 0.278 ug/L
RT: 5.527 min Scan# 1302
Delta R.T. 0.003 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Tgt Ion: 117 Resp: 2420
Ion Ratio Lower Upper
117 100
119 93.0 76.0 114.0

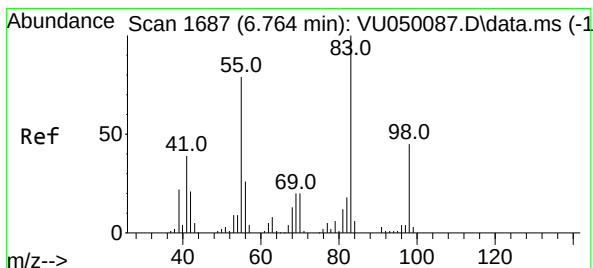
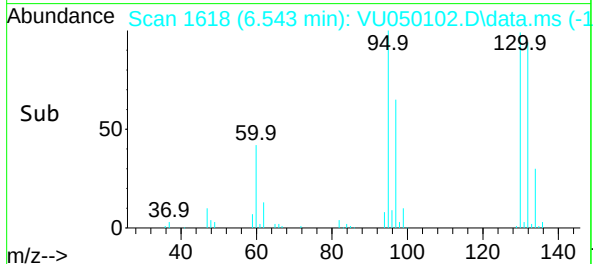
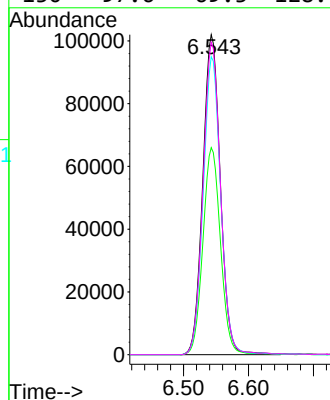
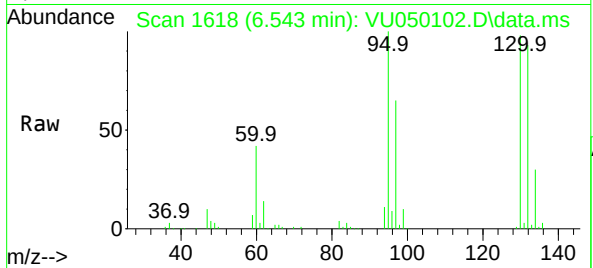




#34
Trichloroethene
Concen: 26.246 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

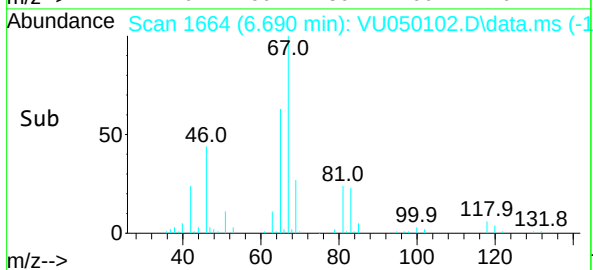
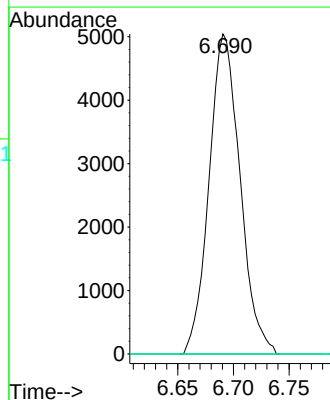
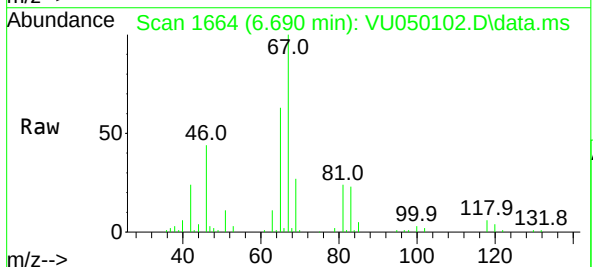
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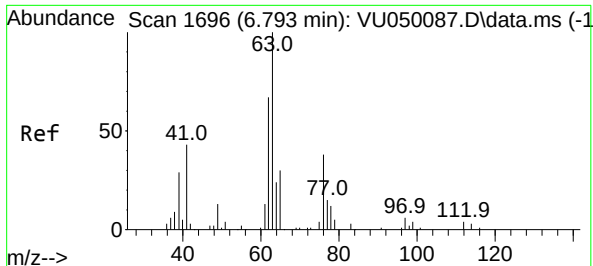
Tgt Ion: 95 Resp: 192181
Ion Ratio Lower Upper
95 100
97 64.7 45.6 84.8
132 93.1 65.0 120.6
130 97.6 69.3 128.7



#35
Methylcyclohexane
Concen: 1.033 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Tgt Ion: 83 Resp: 9767
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050102.D

Acq: 05 Aug 2022 17:29

Instrument :

MSVOA_U

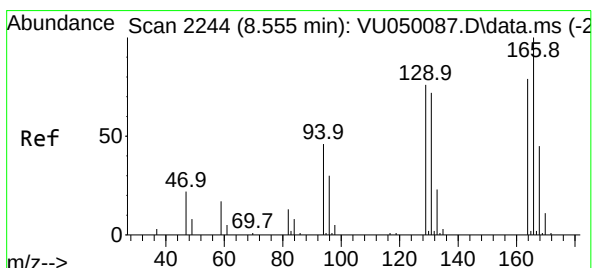
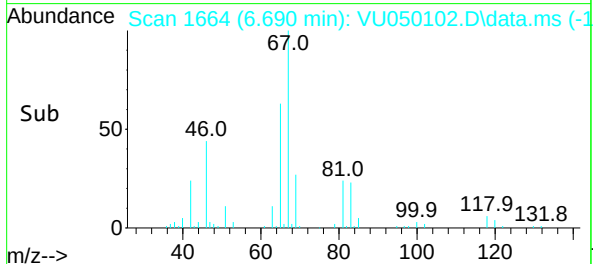
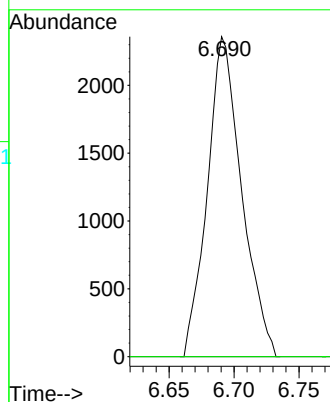
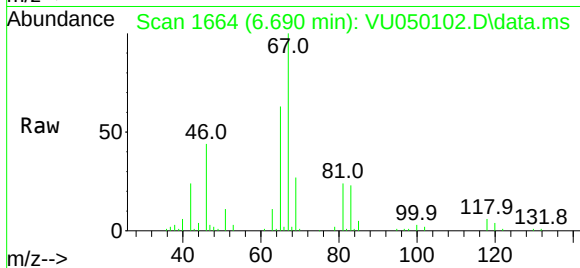
ClientSampleId :

Tgt Ion: 63 Resp: 4336

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 0.395 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU050102.D

Acq: 05 Aug 2022 17:29

Tgt Ion: 164 Resp: 2073

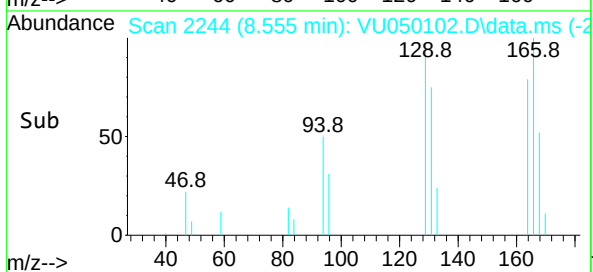
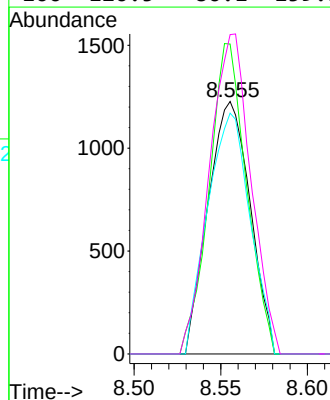
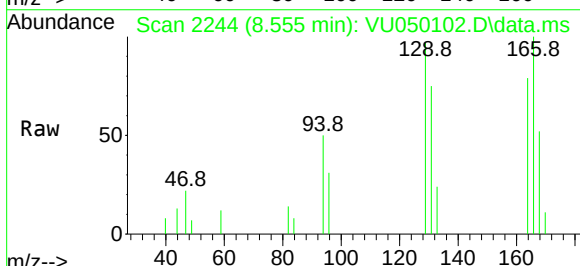
Ion Ratio Lower Upper

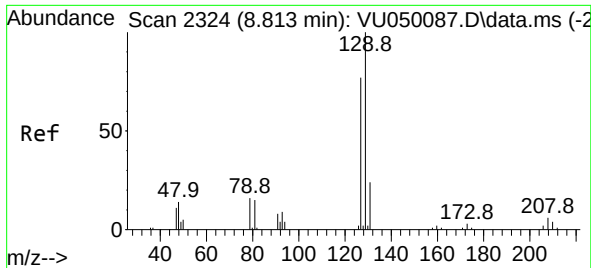
164 100

129 122.7 69.0 128.1

131 95.4 65.8 122.2

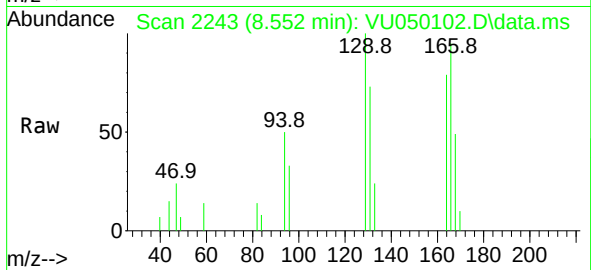
166 126.5 86.1 159.9



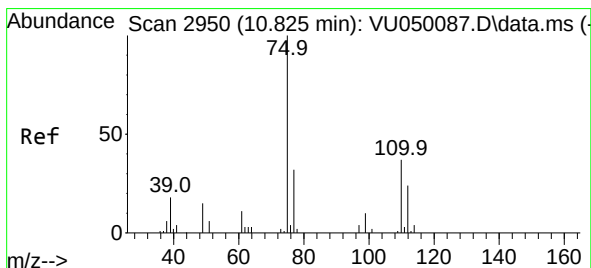
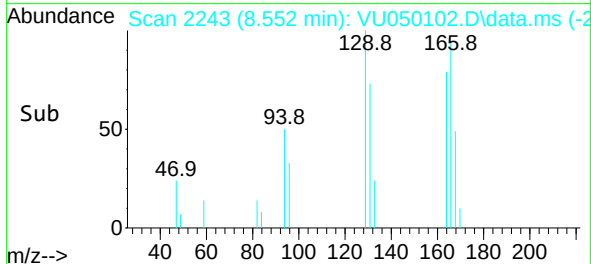
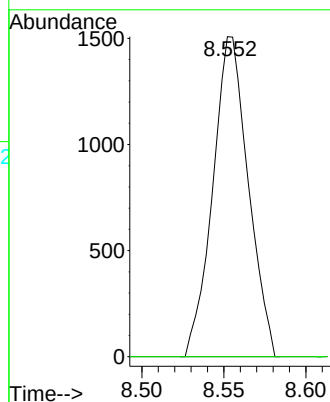


#49
Dibromochloromethane
Concen: 0.339 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2264
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#



#61
1,2,3-Trichloropropane
Concen: 0.944 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050102.D
Acq: 05 Aug 2022 17:29

Tgt Ion: 75 Resp: 4143
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 25.7 25.8 38.6#

