

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050846.D
 Acq On : 20 Sep 2022 21:08
 Operator : JC/MD
 Sample : N4651-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

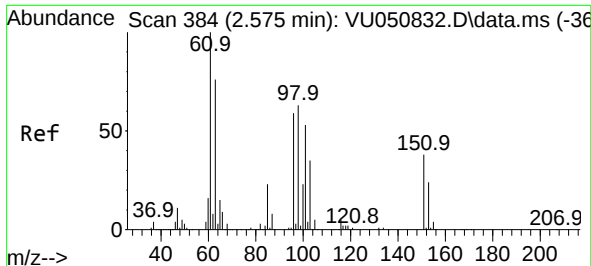
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ40DL

Quant Time: Sep 21 02:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	374471	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365578	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	134684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	169361	43.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.300%		
7) Chloroethane-d5	1.906	69	134016	48.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.000%		
11) 1,1-Dichloroethene-d2	2.565	63	221038	36.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.220%		
21) 2-Butanone-d5	4.623	46	296400	118.334	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.330%		
24) Chloroform-d	5.060	84	281701	46.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.660%		
26) 1,2-Dichloroethane-d4	5.700	65	179833	47.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.980%		
32) Benzene-d6	5.726	84	562059	46.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.360%		
36) 1,2-Dichloropropane-d6	6.690	67	192984	47.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.960%		
41) Toluene-d8	7.896	98	445217	42.298	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.600%		
43) trans-1,3-Dichloroprop...	8.179	79	75306	42.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.180%		
47) 2-Hexanone-d5	8.632	63	177348	105.880	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.880%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	283248	45.709	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.420%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144014	51.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.140%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2002	0.653	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	29515	10.252	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	87559	14.686	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	23327	7.130	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	172520	35.472	ug/L	100
31) Carbon tetrachloride	5.314	117	22914	5.671	ug/L	100
34) Trichloroethene	6.539	95	16450	5.264	ug/L	97
39) cis-1,3-Dichloropropene	7.565	75	4292	0.871	ug/L #	45
44) trans-1,3-Dichloropropene	8.176	75	3425	0.731	ug/L	93
46) Tetrachloroethene	8.552	164	14625	6.512	ug/L	96
49) Dibromochloromethane	8.552	129	15413	4.633	ug/L #	10
60) 1,2,3-Trichloropropane	11.809	75	16418	4.334	ug/L #	68

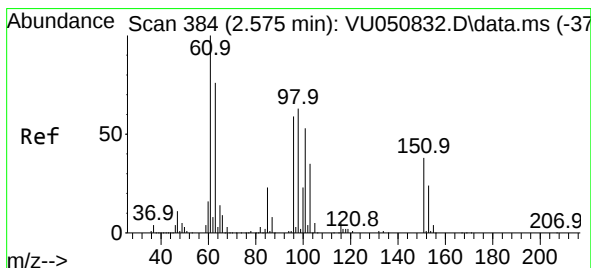
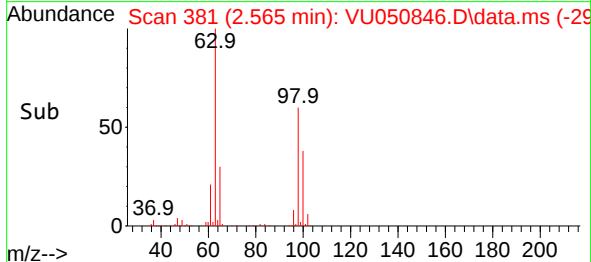
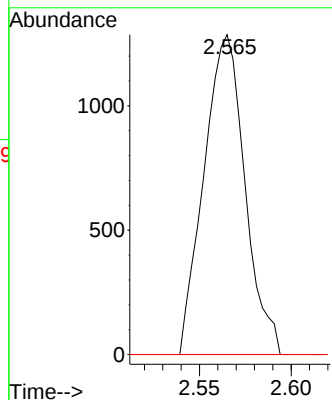
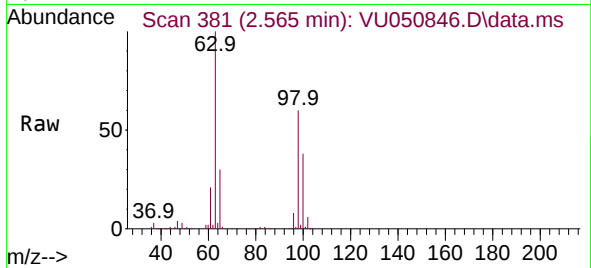
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.653 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU050846.D
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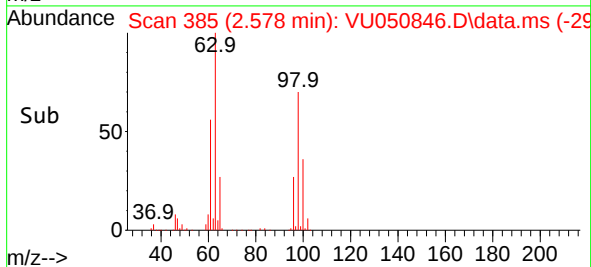
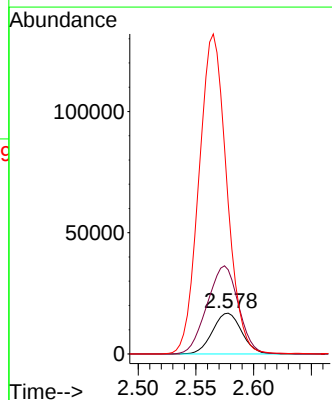
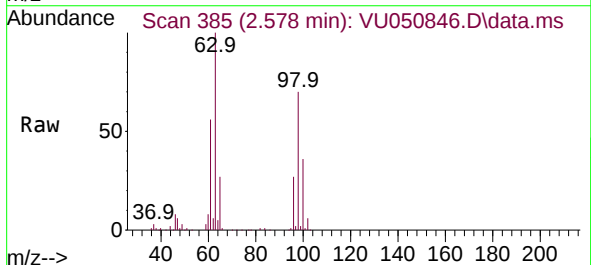
Instrument :
 MSVOA_U
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 EXZ40DL

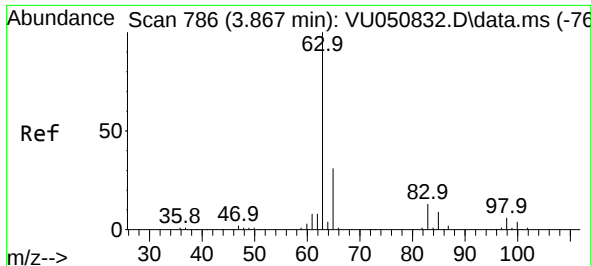
Tgt Ion:101 Resp: 2002
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 10.252 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050846.D
 Acq: 20 Sep 2022 21:08

Tgt Ion: 96 Resp: 29515
 Ion Ratio Lower Upper
 96 100
 61 206.6 118.6 220.2
 63 370.5 90.4 168.0#

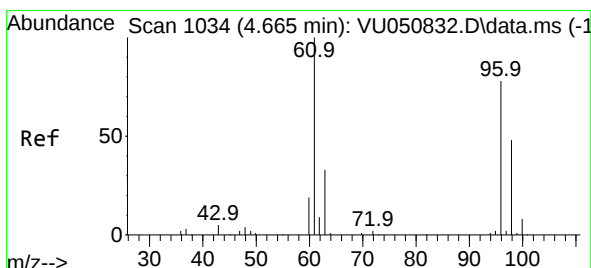
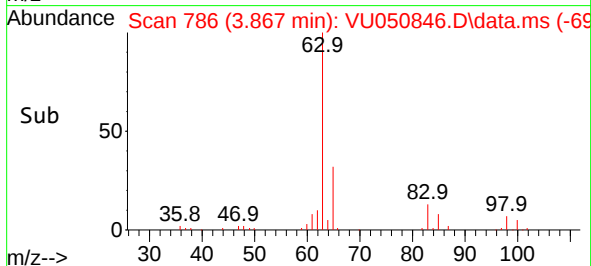
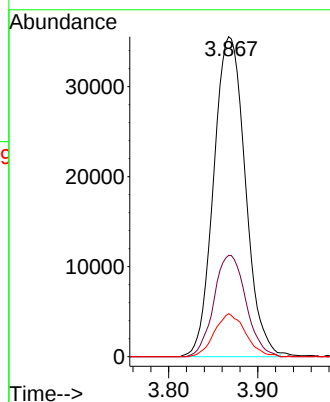
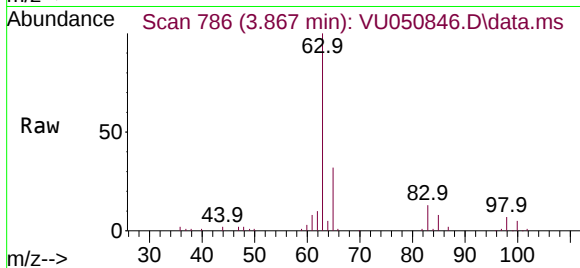




#19
1,1-Dichloroethane
Concen: 14.686 ug/L
RT: 3.867 min Scan# 719
Delta R.T. 0.000 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

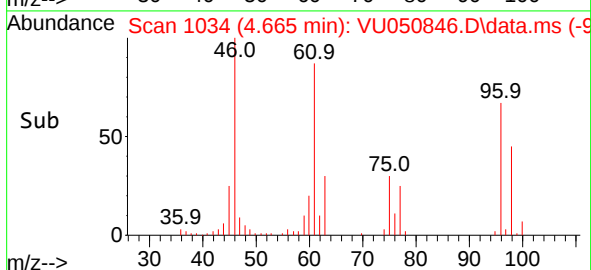
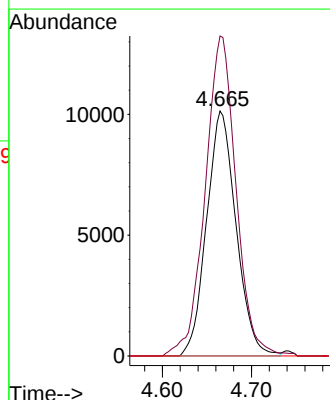
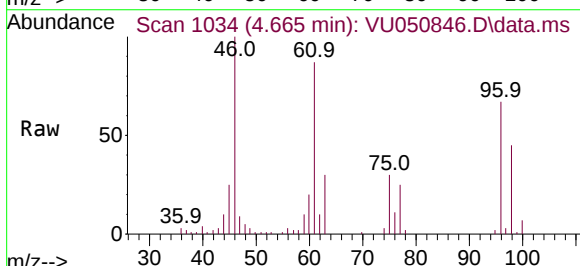
Instrument :
MSVOA_U
ClientSampleId :
EXZ40DL

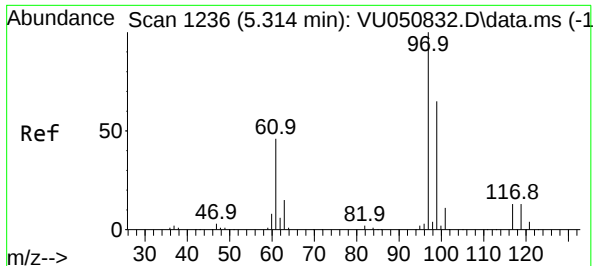
Tgt Ion:	63	Resp:	87559
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.5	39.9
83	13.5	9.3	17.3



#20
cis-1,2-Dichloroethene
Concen: 7.130 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

Tgt Ion:	96	Resp:	23327
Ion	Ratio	Lower	Upper
96	100		
61	130.6	90.1	167.3
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 35.472 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050846.D

Acq: 20 Sep 2022 21:08

Instrument :

MSVOA_U

ClientSampleId :

EXZ40DL

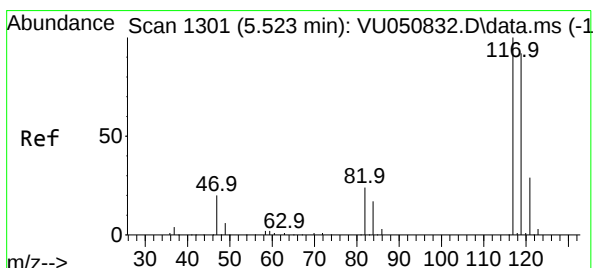
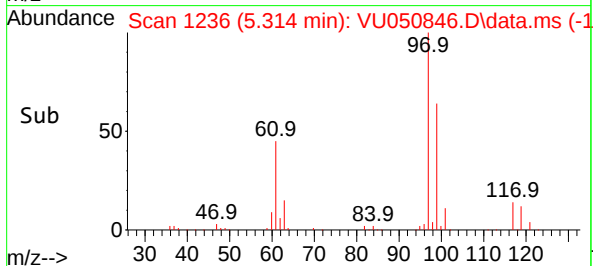
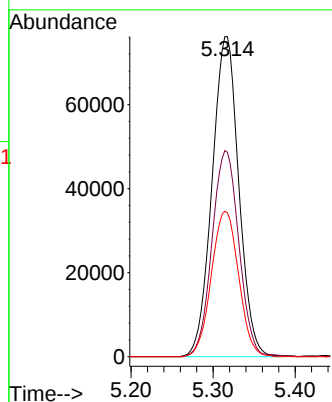
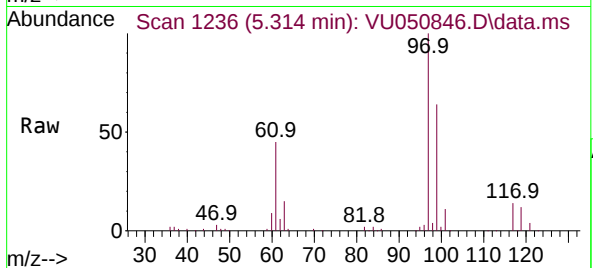
Tgt Ion: 97 Resp: 172520

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 46.4 37.1 55.7



#31

Carbon tetrachloride

Concen: 5.671 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU050846.D

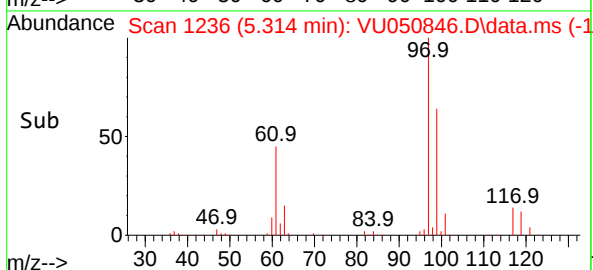
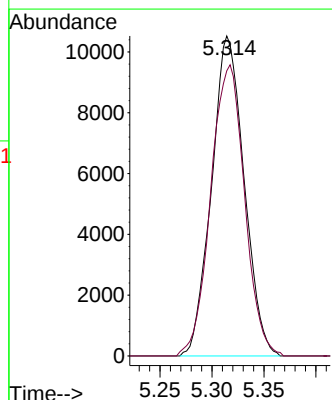
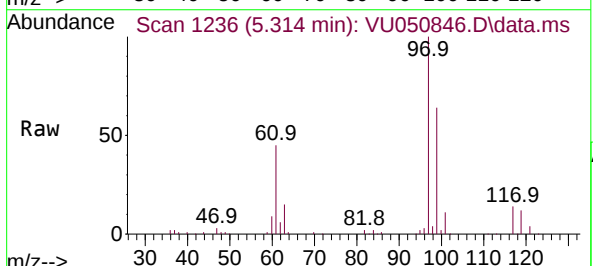
Acq: 20 Sep 2022 21:08

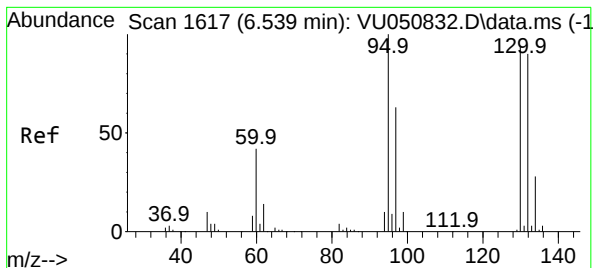
Tgt Ion: 117 Resp: 22914

Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0





#34

Trichloroethene

Concen: 5.264 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050846.D

Acq: 20 Sep 2022 21:08

Instrument :

MSVOA_U

ClientSampleId :

EXZ40DL

Tgt Ion: 95 Resp: 16450

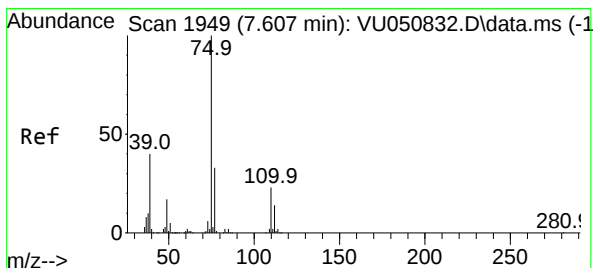
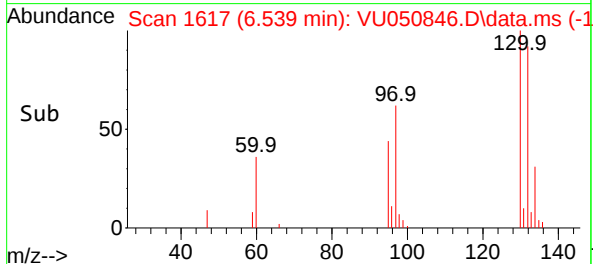
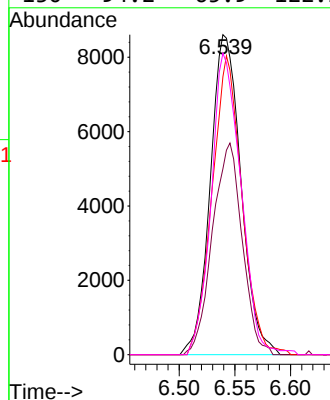
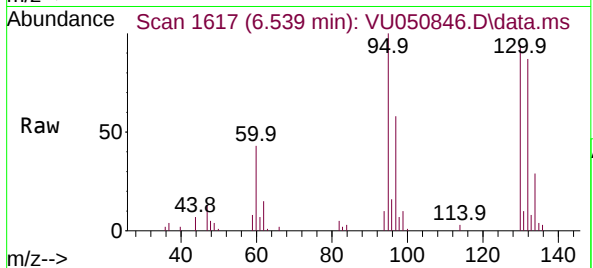
Ion Ratio Lower Upper

95 100

97 58.1 43.9 81.5

132 86.8 63.1 117.1

130 94.2 65.9 122.3



#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050846.D

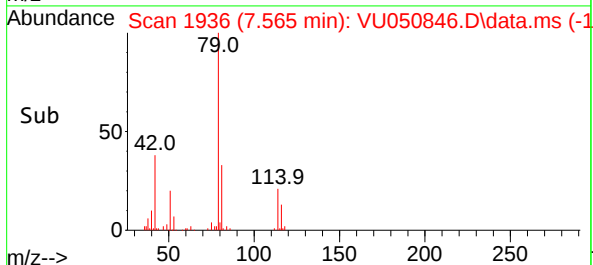
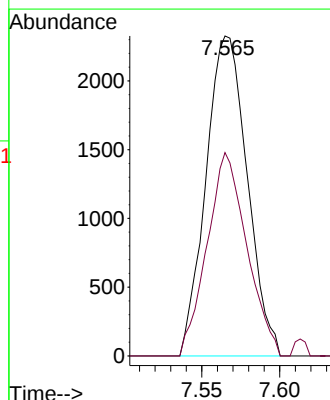
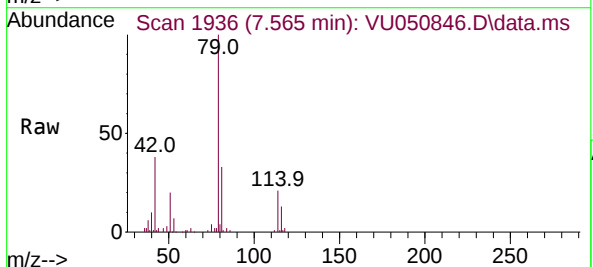
Acq: 20 Sep 2022 21:08

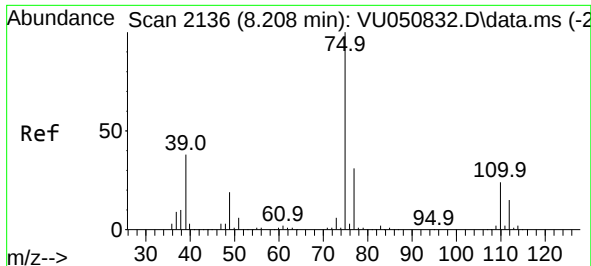
Tgt Ion: 75 Resp: 4292

Ion Ratio Lower Upper

75 100

77 63.6 22.8 42.4#

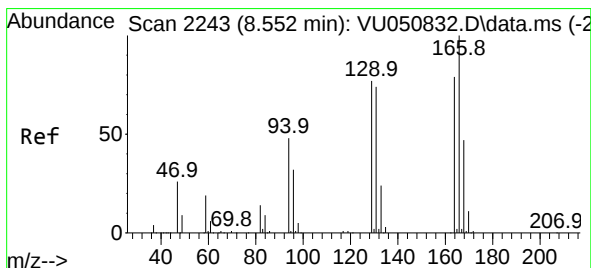
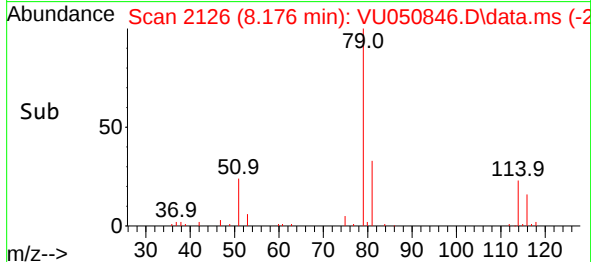
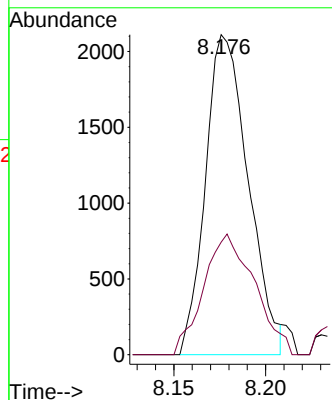
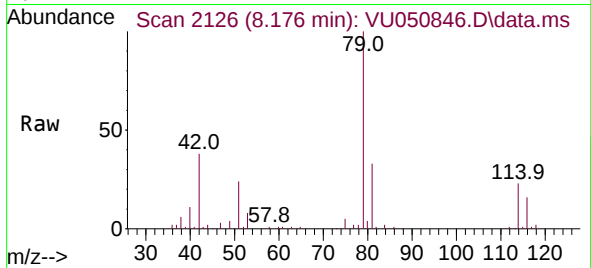




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

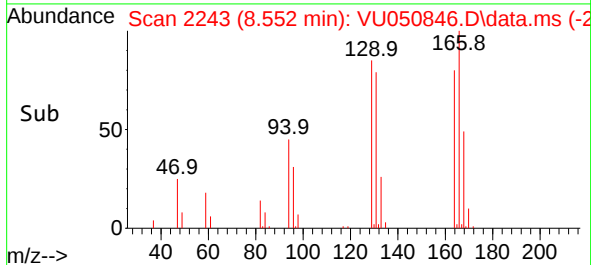
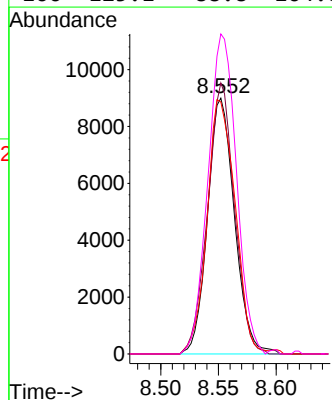
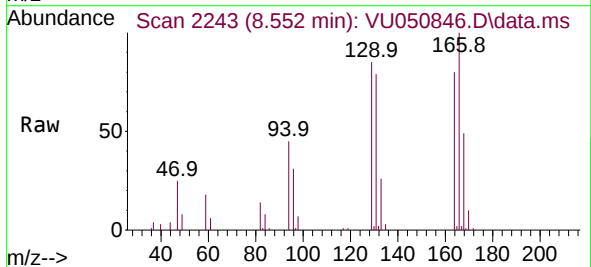
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MSVOA_U
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EXZ40DL

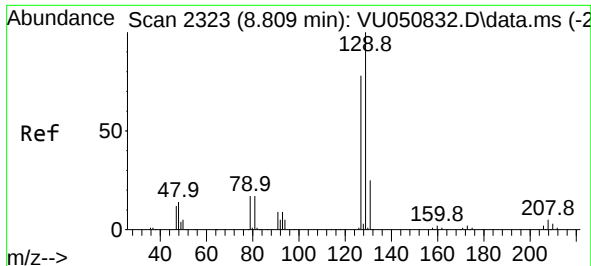
Tgt Ion: 75 Resp: 3425
Ion Ratio Lower Upper
75 100
77 35.1 21.9 40.7



#46
Tetrachloroethene
Concen: 6.512 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

Tgt Ion: 164 Resp: 14625
Ion Ratio Lower Upper
164 100
129 106.0 68.5 127.3
131 98.5 66.1 122.7
166 125.1 88.8 164.8





#49

Dibromochloromethane

Concen: 4.633 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050846.D

Acq: 20 Sep 2022 21:08

Instrument :

MSVOA_U

ClientSampleId :

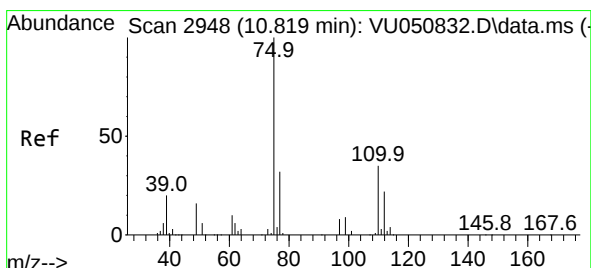
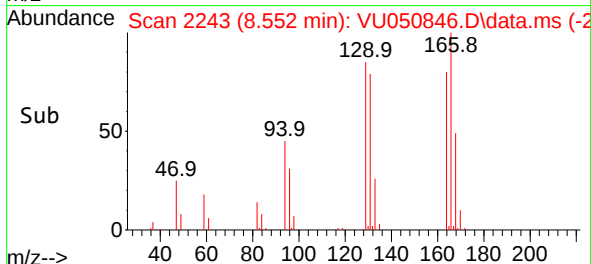
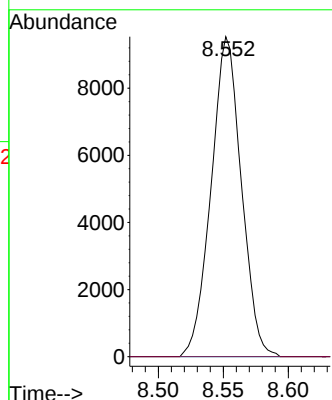
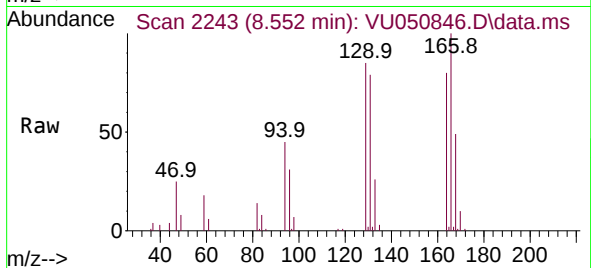
EXZ40DL

Tgt Ion:129 Resp: 15413

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#60

1,2,3-Trichloropropane

Concen: 4.334 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU050846.D

Acq: 20 Sep 2022 21:08

Tgt Ion: 75 Resp: 16418

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4

110 1.6 28.6 43.0#

