

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050856.D
 Acq On : 21 Sep 2022 01:28
 Operator : JC/MD
 Sample : N4650-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ10

Quant Time: Sep 21 04:42:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

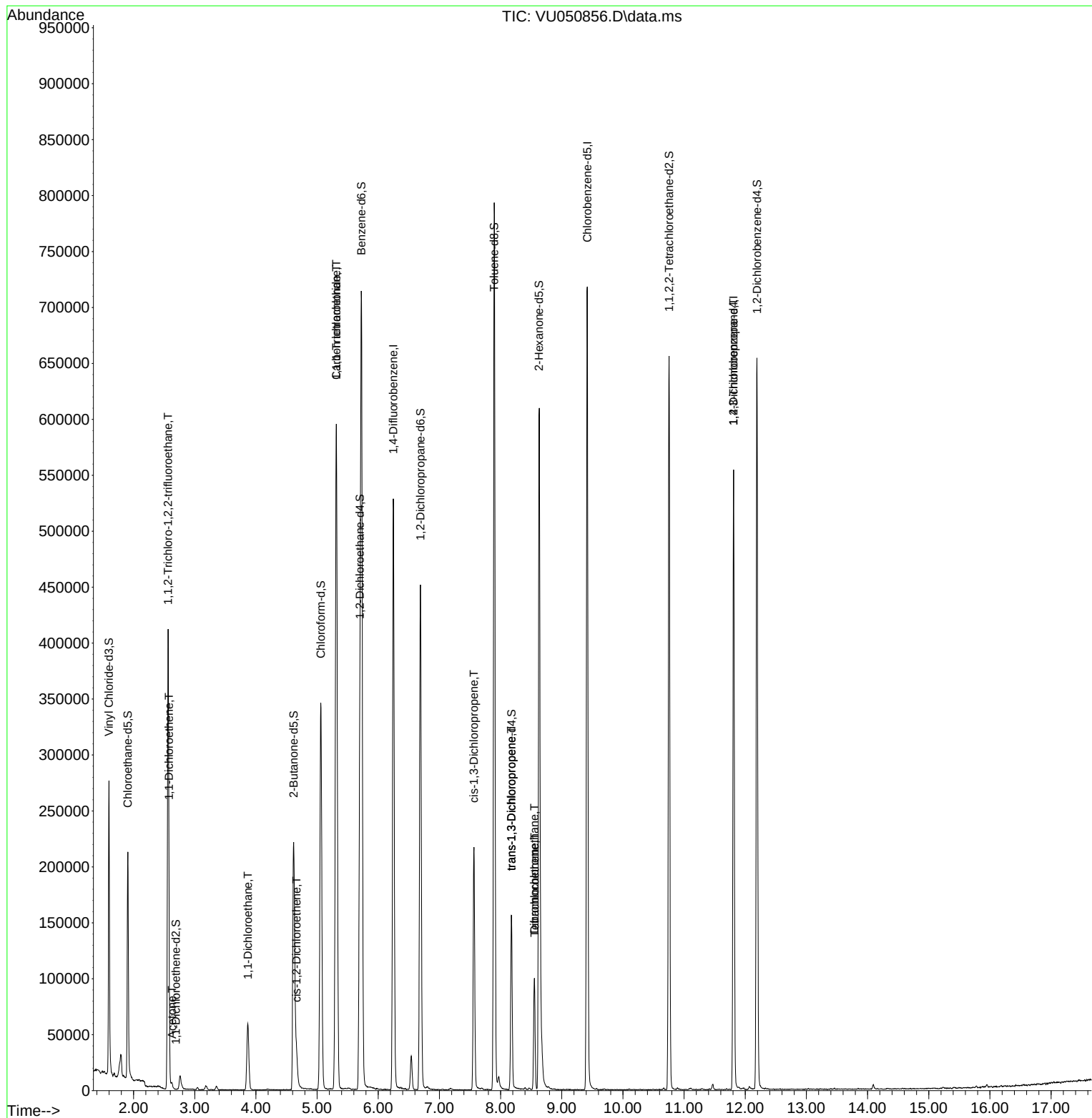
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	409126	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	144641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	194588	45.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.820%		
7) Chloroethane-d5	1.906	69	153234	50.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.520%		
11) 1,1-Dichloroethene-d2	2.694	63	183	0.028	ug/L	0.13
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.060%#		
21) 2-Butanone-d5	4.616	46	319296	116.677	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.680%		
24) Chloroform-d	5.060	84	326730	49.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.380%		
26) 1,2-Dichloroethane-d4	5.700	65	207427	50.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.340%		
32) Benzene-d6	5.726	84	655574	49.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.720%		
36) 1,2-Dichloropropane-d6	6.690	67	227834	51.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.660%		
41) Toluene-d8	7.896	98	527555	45.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.800%		
43) trans-1,3-Dichloroprop...	8.179	79	87960	45.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.120%		
47) 2-Hexanone-d5	8.629	63	194565	106.374	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.370%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	335782	49.622	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168242	55.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.100%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2373	0.709	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	9756	3.102	ug/L #	1
13) Acetone	2.629	43	6229	2.688	ug/L	97
19) 1,1-Dichloroethane	3.867	63	69221	10.627	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	10293	2.880	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	429428	80.856	ug/L	100
31) Carbon tetrachloride	5.314	117	56765	12.866	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4820	0.896	ug/L #	58
44) trans-1,3-Dichloropropene	8.176	75	3604	0.704	ug/L	84
46) Tetrachloroethene	8.555	164	22269	9.081	ug/L	96
49) Dibromochloromethane	8.552	129	21548	5.932	ug/L #	10
60) 1,2,3-Trichloropropane	11.809	75	18828	4.628	ug/L #	68

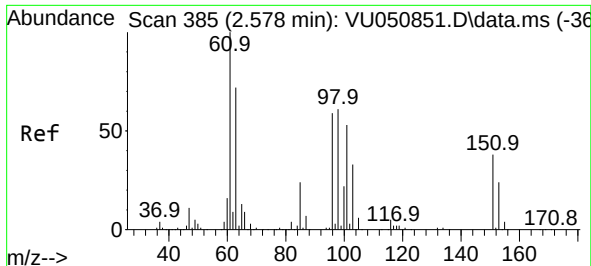
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 21 04:30:12 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.709 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.016 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

EXZ10

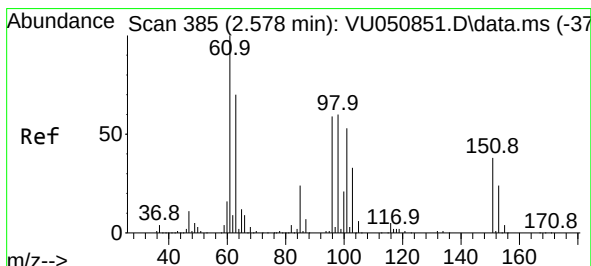
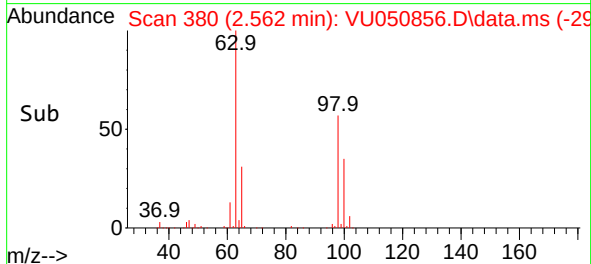
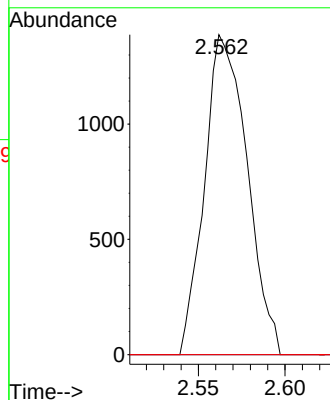
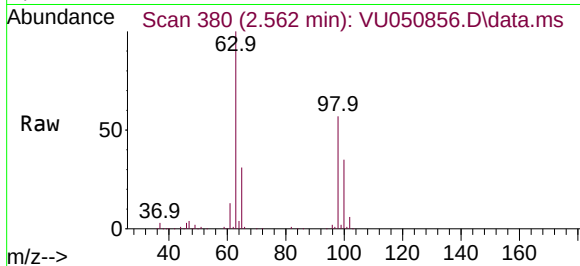
Tgt Ion:101 Resp: 2373

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: 3.102 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

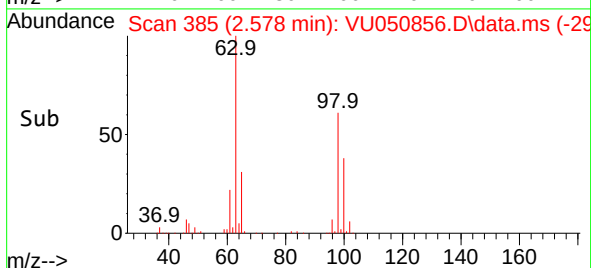
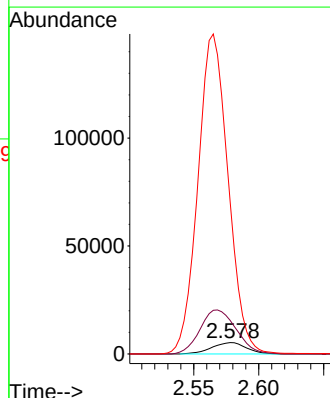
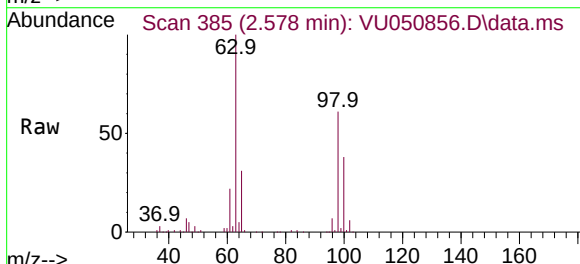
Tgt Ion: 96 Resp: 9756

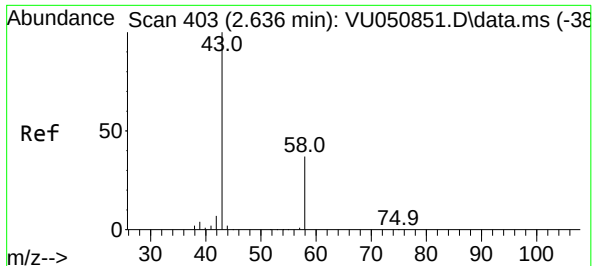
Ion Ratio Lower Upper

96 100

61 295.9 118.6 220.2#

63 1346.7 90.4 168.0#





#13

Acetone

Concen: 2.688 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.007 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

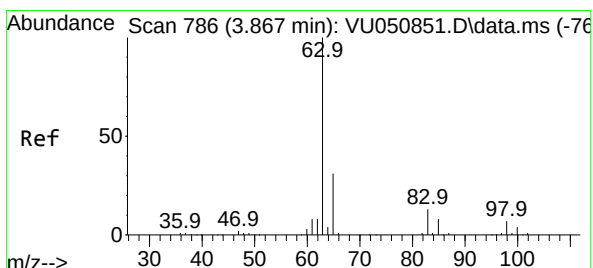
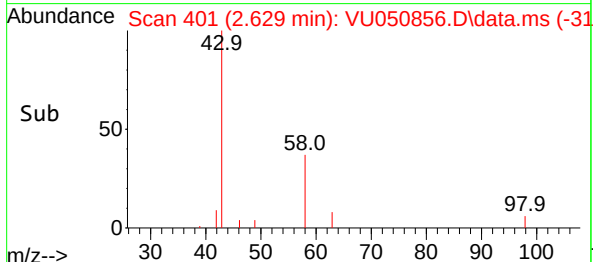
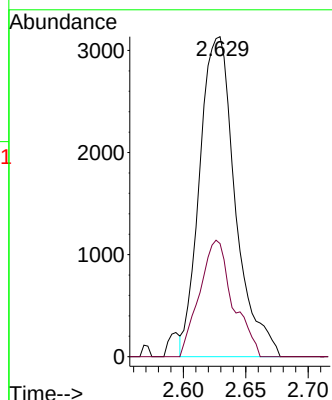
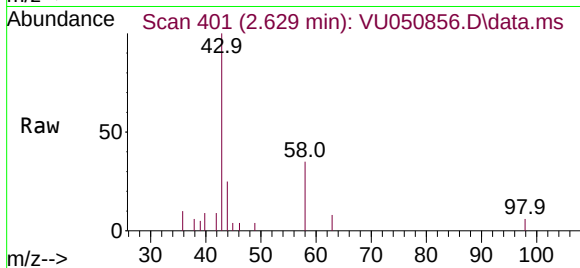
EXZ10

Tgt Ion: 43 Resp: 6229

Ion Ratio Lower Upper

43 100

58 34.1 0.0 71.4



#19

1,1-Dichloroethane

Concen: 10.627 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

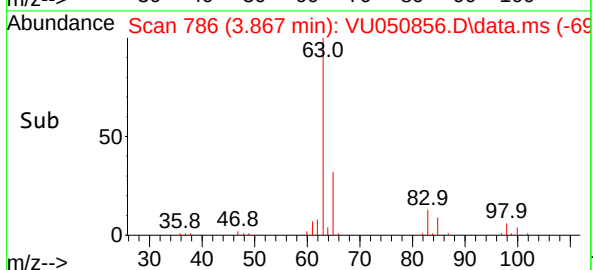
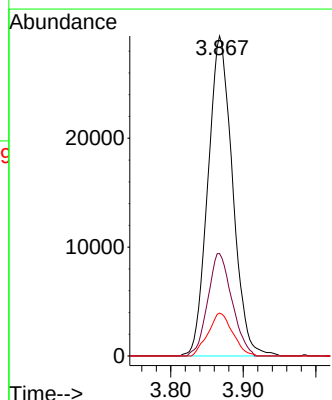
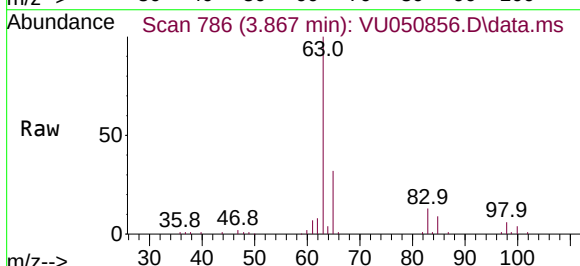
Tgt Ion: 63 Resp: 69221

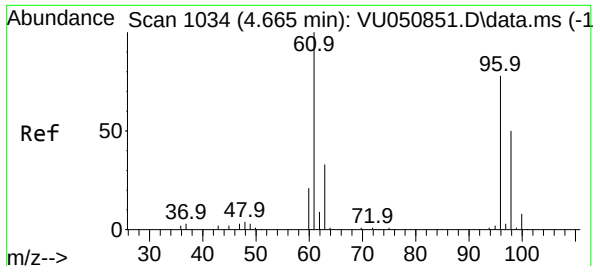
Ion Ratio Lower Upper

63 100

65 32.0 21.5 39.9

83 13.4 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 2.880 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

EXZ10

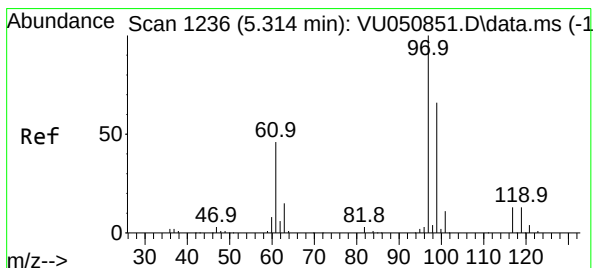
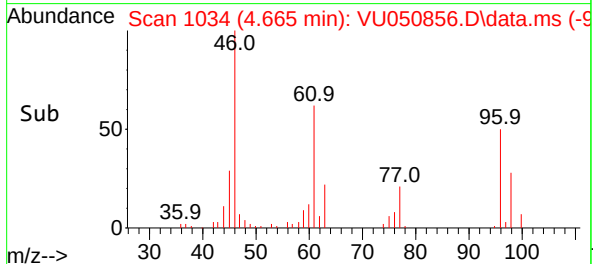
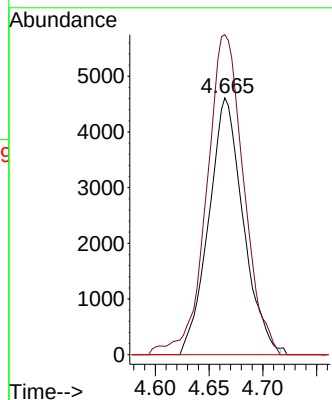
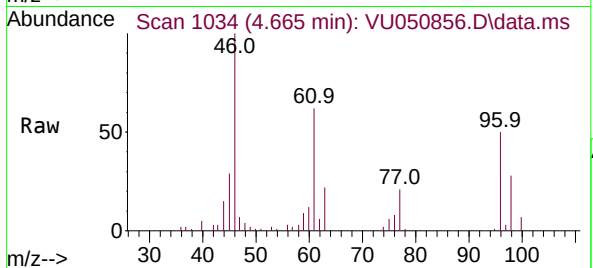
Tgt Ion: 96 Resp: 10293

Ion Ratio Lower Upper

96 100

61 124.6 90.1 167.3

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 80.856 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

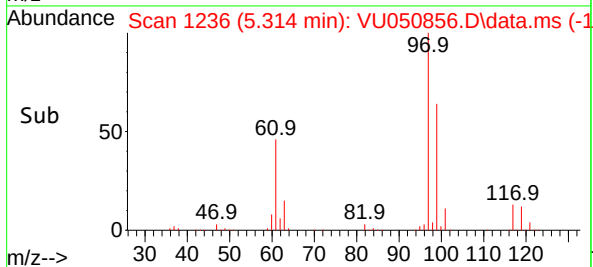
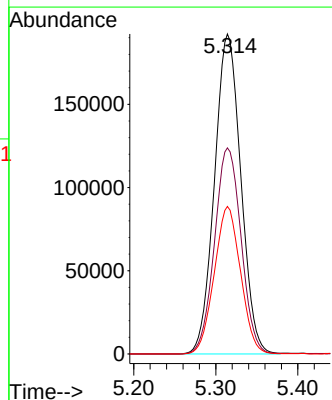
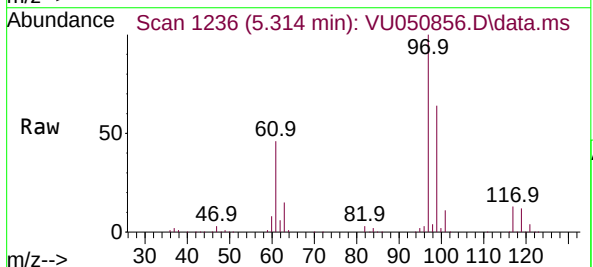
Tgt Ion: 97 Resp: 429428

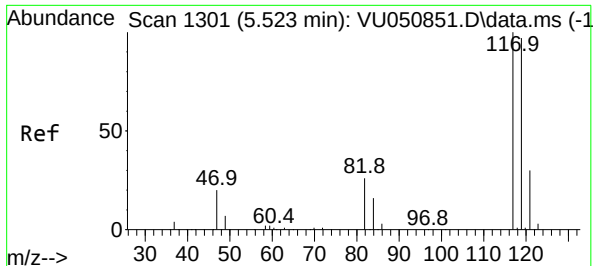
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

61 45.9 37.1 55.7

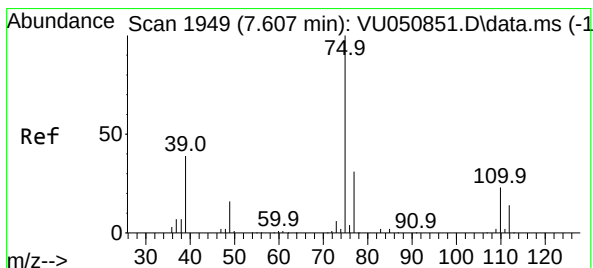
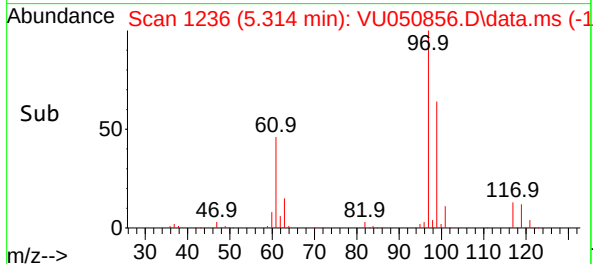
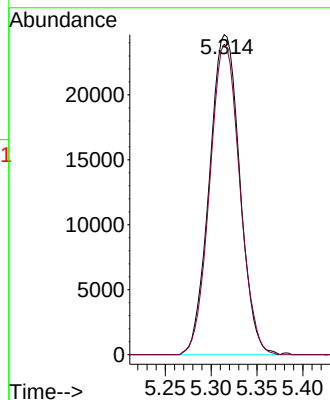
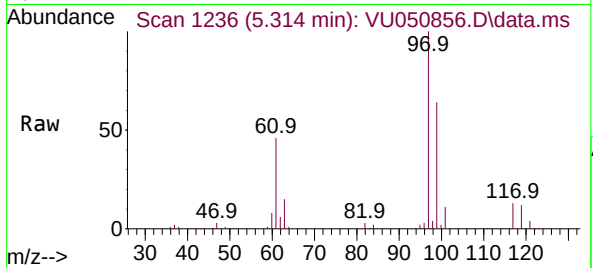




#31
Carbon tetrachloride
Concen: 12.866 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

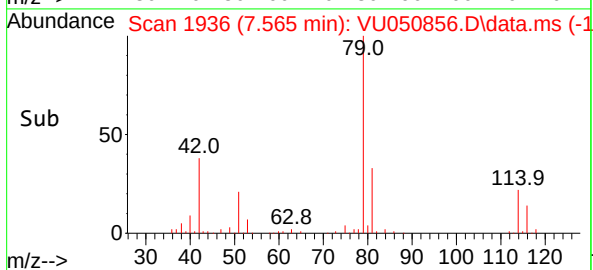
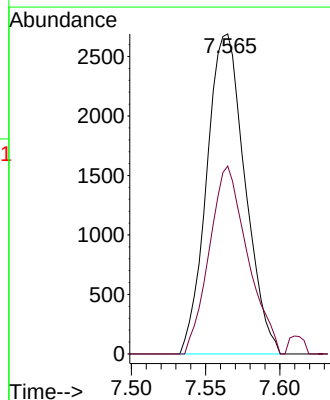
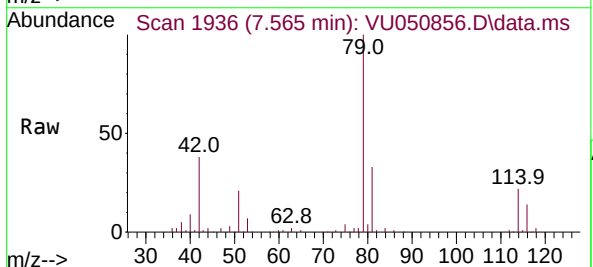
Instrument :
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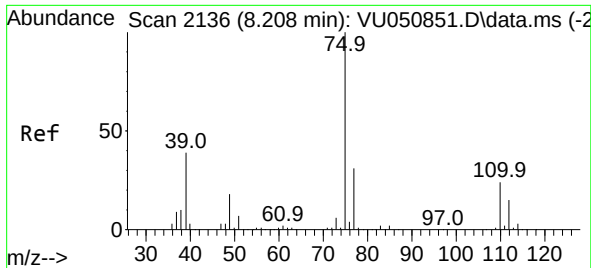
Tgt Ion:117 Resp: 56765
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0



#39
cis-1,3-Dichloropropene
Concen: 0.896 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

Tgt Ion: 75 Resp: 4820
Ion Ratio Lower Upper
75 100
77 56.2 22.8 42.4#

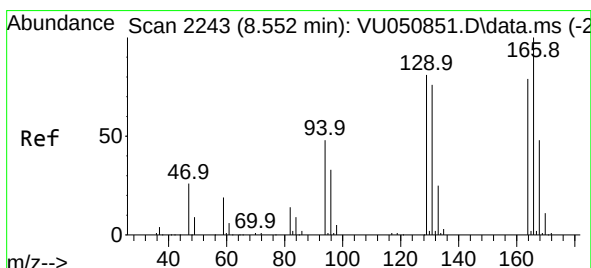
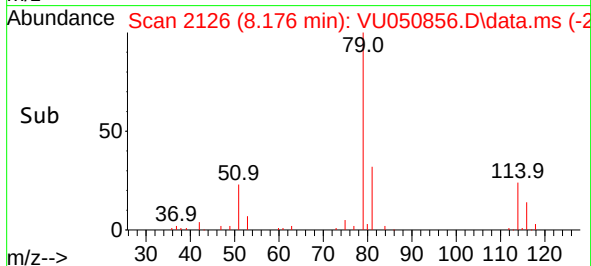
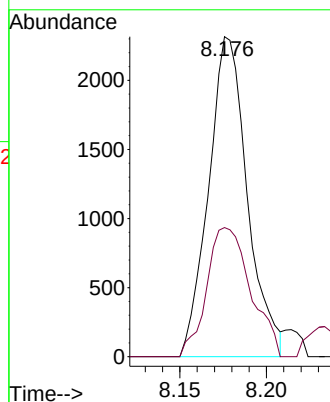
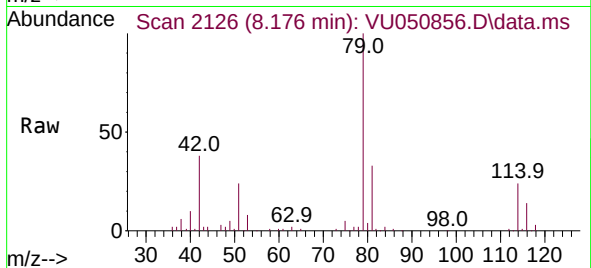




#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

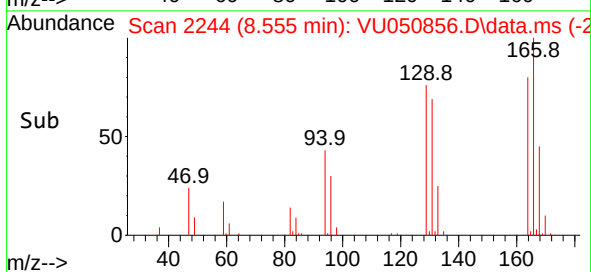
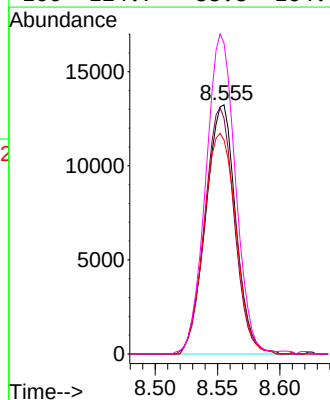
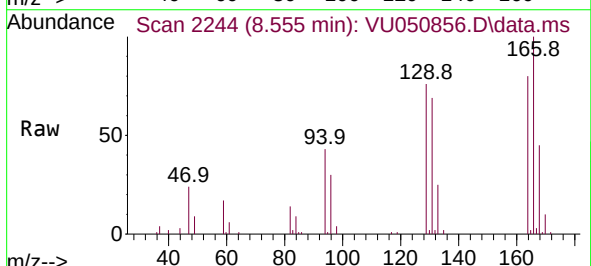
Instrument :
MSVOA_U
ClientSampleId :
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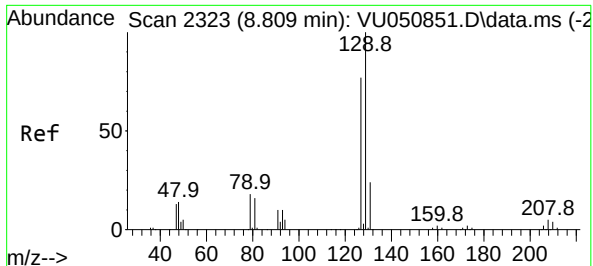
Tgt Ion: 75 Resp: 3604
Ion Ratio Lower Upper
75 100
77 40.4 21.9 40.7



#46
Tetrachloroethene
Concen: 9.081 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050856.D
Acq: 21 Sep 2022 01:28

Tgt Ion: 164 Resp: 22269
Ion Ratio Lower Upper
164 100
129 94.5 68.5 127.3
131 85.9 66.1 122.7
166 124.7 88.8 164.8





#49

Dibromochloromethane

Concen: 5.932 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Instrument :

MSVOA_U

ClientSampleId :

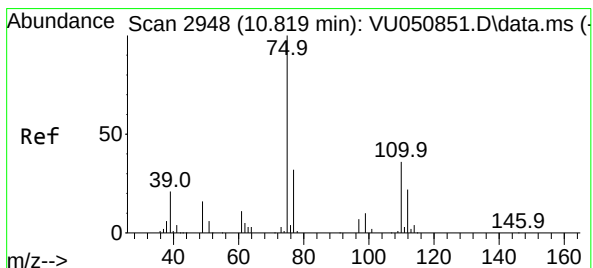
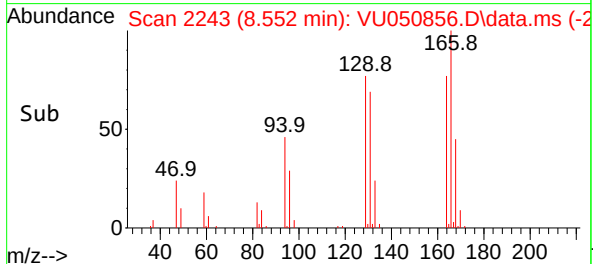
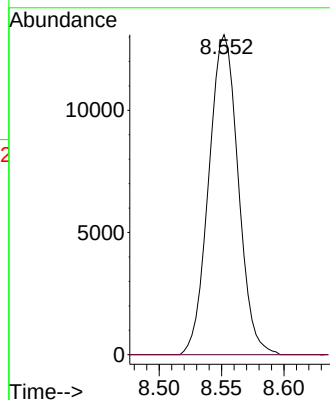
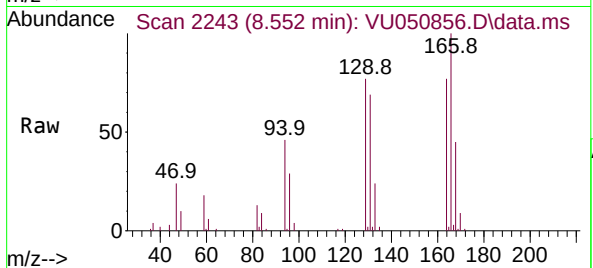
EXZ10

Tgt Ion:129 Resp: 21548

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#60

1,2,3-Trichloropropane

Concen: 4.628 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU050856.D

Acq: 21 Sep 2022 01:28

Tgt Ion: 75 Resp: 18828

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.4

110 2.2 28.6 43.0#

