

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055856.D
 Acq On : 23 Oct 2023 15:28
 Operator : MD/SY
 Sample : 04947-07 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:19:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

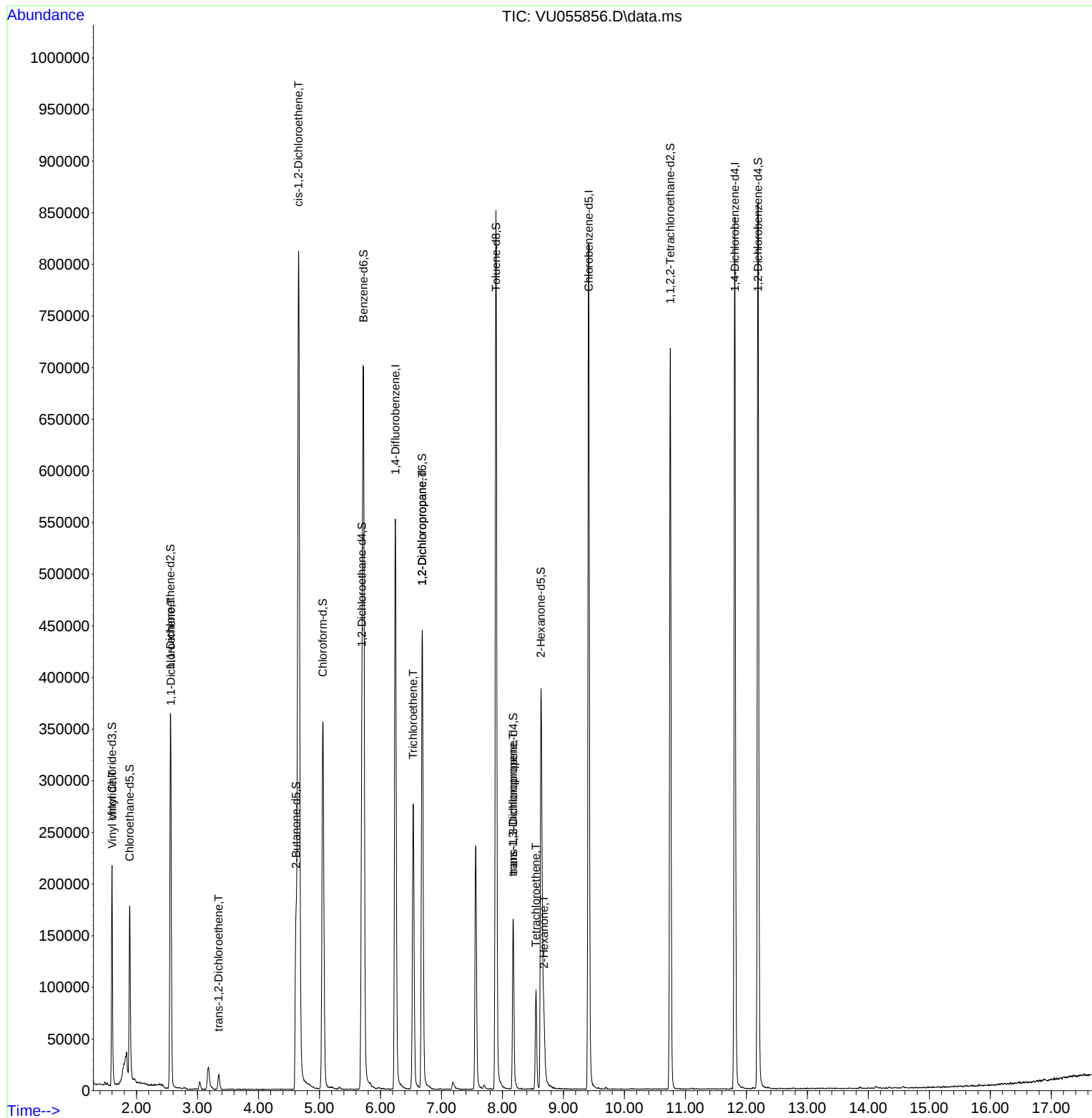
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	455932	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	455286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	221262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	145704	35.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.260%		
7) Chloroethane-d5	1.888	69	134114	40.119	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.240%		
11) 1,1-Dichloroethene-d2	2.557	63	221646	30.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.800%		
21) 2-Butanone-d5	4.615	46	245205	80.918	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.920%		
24) Chloroform-d	5.055	84	342520	43.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
26) 1,2-Dichloroethane-d4	5.695	65	226513	46.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
32) Benzene-d6	5.721	84	668681	45.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	6.685	67	217919	47.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.500%		
41) Toluene-d8	7.894	98	574808	43.700	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	8.177	79	95714	43.206	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.420%		
47) 2-Hexanone-d5	8.631	63	127065	70.087	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.090%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	360331	50.762	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.520%		
66) 1,2-Dichlorobenzene-d4	12.190	152	230497	52.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	14093	3.565	ug/L	88
12) 1,1-Dichloroethene	2.563	96	2178	0.674	ug/L #	1
17) trans-1,2-Dichloroethene	3.345	96	6080	1.840	ug/L	90
20) cis-1,2-Dichloroethene	4.656	96	422207	111.925	ug/L	99
34) Trichloroethene	6.537	95	94115	23.900	ug/L	98
37) 1,2-Dichloropropane	6.685	63	23762	5.996	ug/L #	89
44) trans-1,3-Dichloropropene	8.174	75	4654	0.807	ug/L	98
46) Tetrachloroethene	8.550	164	20446	7.252	ug/L	98
48) 2-Hexanone	8.682	43	26231	5.633	ug/L #	85

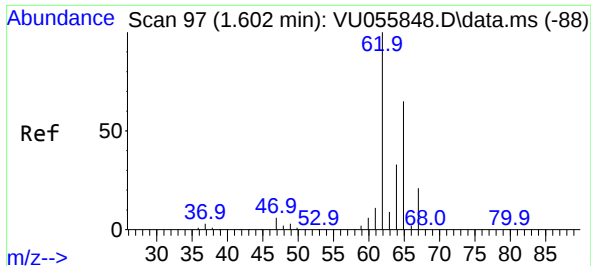
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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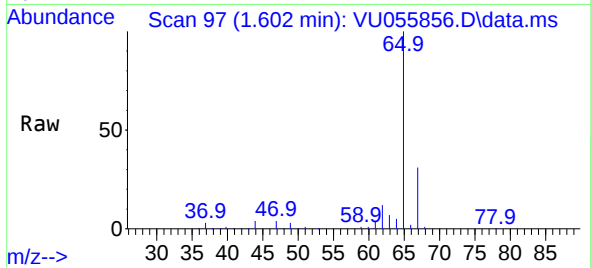
Quant Time: Oct 23 23:19:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
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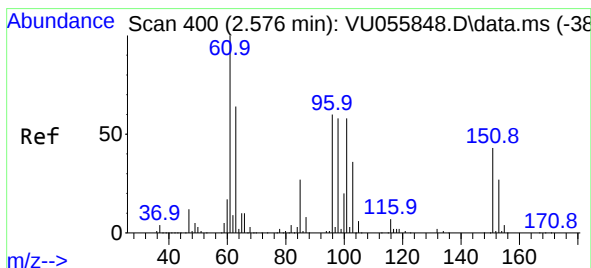
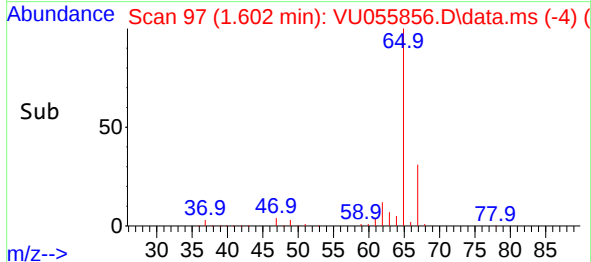
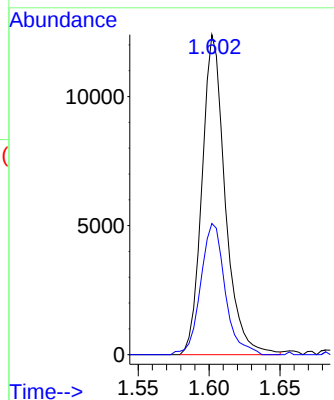


#5
 Vinyl chloride
 Concen: 3.565 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055856.D
 Acq: 23 Oct 2023 15:28

Instrument :
 MSVOA_U
 ClientSampleId :

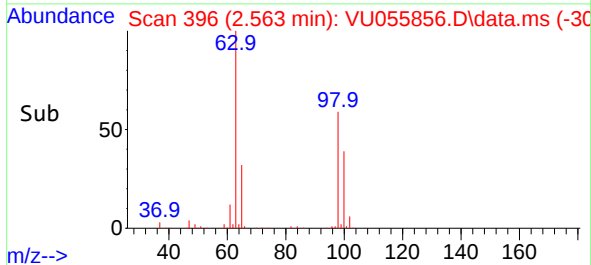
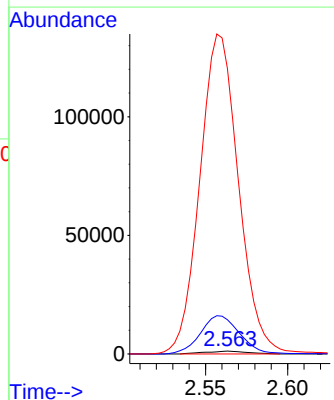
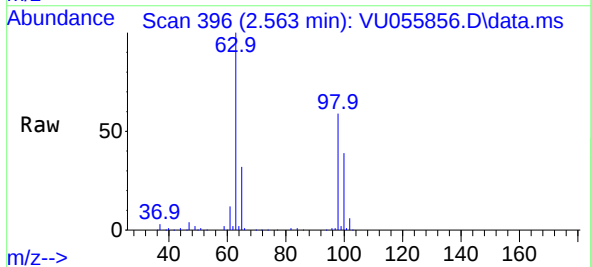


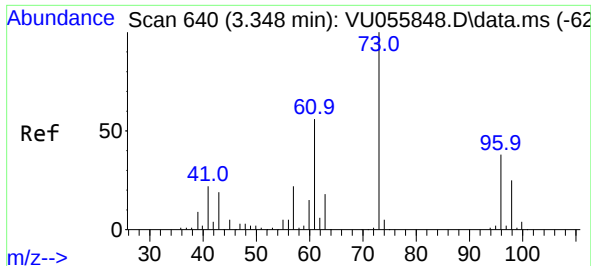
Tgt Ion: 62 Resp: 14093
 Ion Ratio Lower Upper
 62 100
 64 41.0 23.9 44.5



#12
 1,1-Dichloroethene
 Concen: 0.674 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.013 min
 Lab File: VU055856.D
 Acq: 23 Oct 2023 15:28

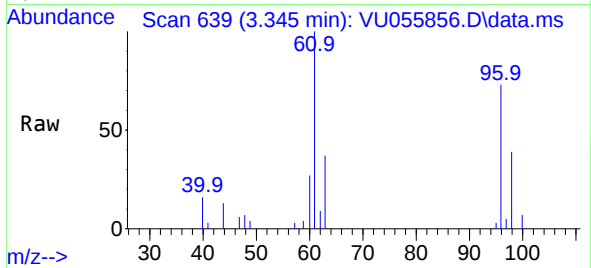
Tgt Ion: 96 Resp: 2178
 Ion Ratio Lower Upper
 96 100
 61 1185.4 122.0 226.6#
 63 9900.7 93.7 174.1#



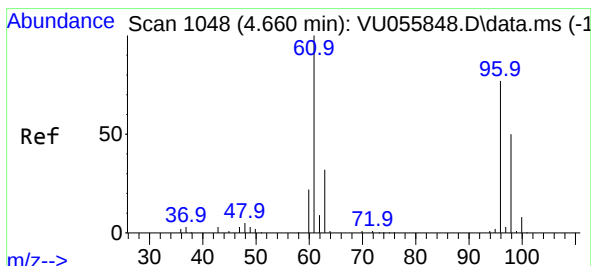
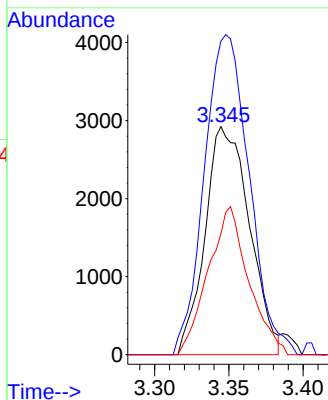
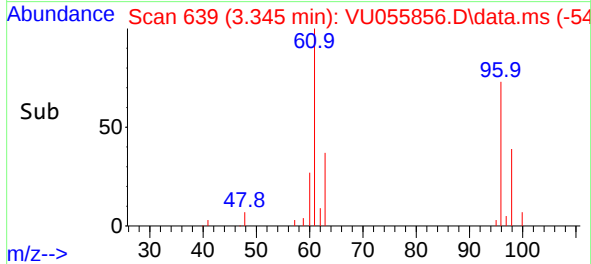


#17
trans-1,2-Dichloroethene
Concen: 1.840 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

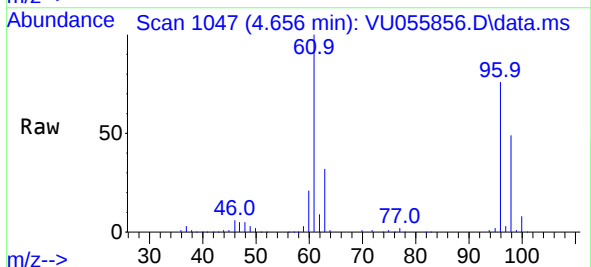
Instrument :
MSVOA_U
ClientSampleId :



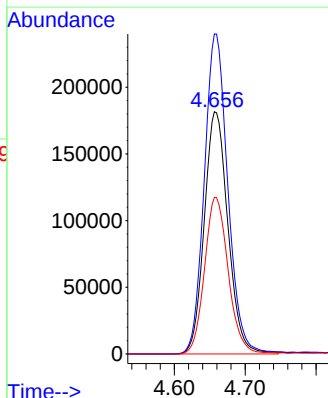
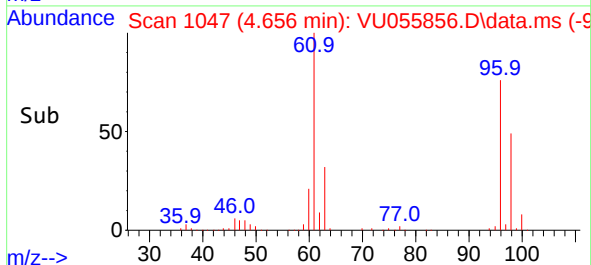
Tgt Ion: 96 Resp: 6080
Ion Ratio Lower Upper
96 100
61 137.5 102.1 189.7
98 53.0 46.3 86.1

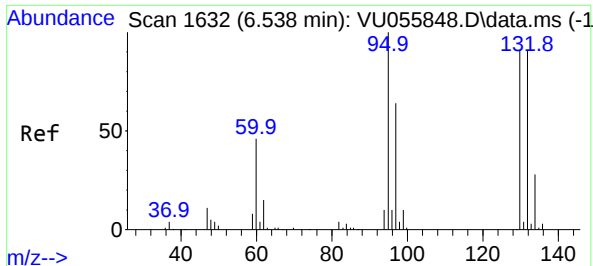


#20
cis-1,2-Dichloroethene
Concen: 111.925 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.006 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28



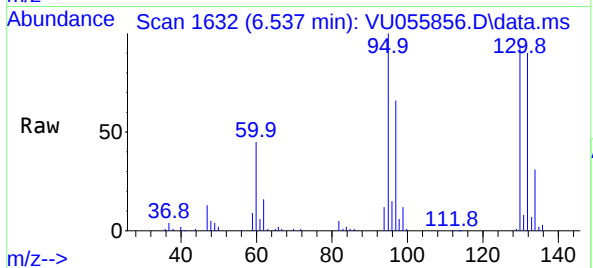
Tgt Ion: 96 Resp: 422207
Ion Ratio Lower Upper
96 100
61 132.1 92.3 171.5
98 64.6 43.9 81.5



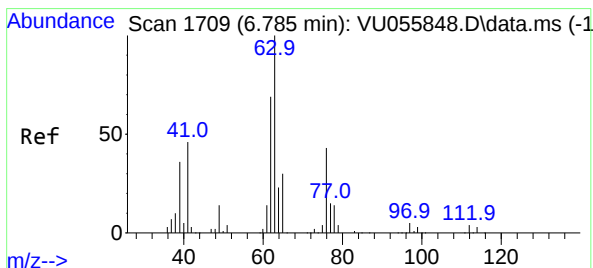
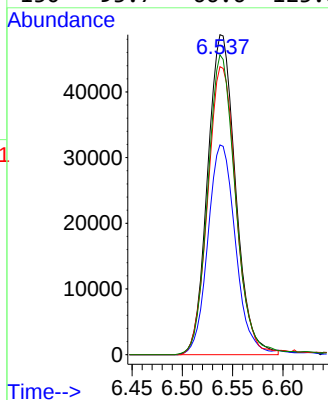
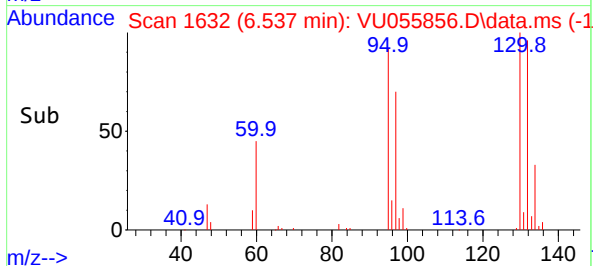


#34
Trichloroethene
Concen: 23.900 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :

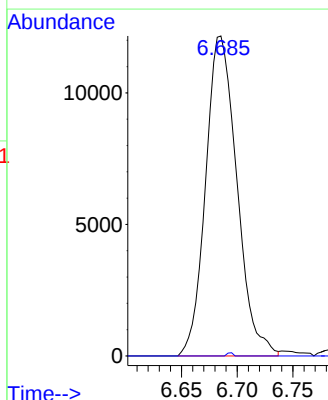
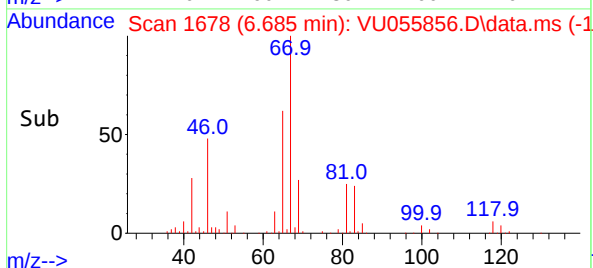
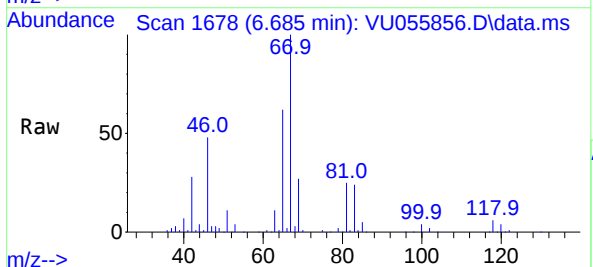


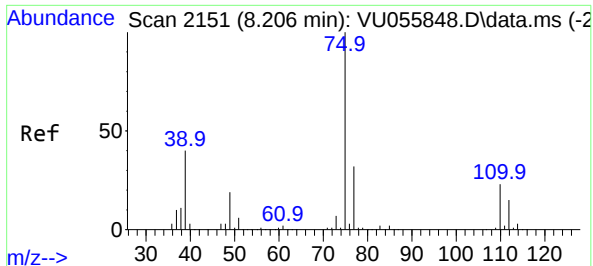
Tgt Ion: 95 Resp: 94115
Ion Ratio Lower Upper
95 100
97 65.6 44.4 82.5
132 90.0 61.8 114.8
130 93.7 66.6 123.8



#37
1,2-Dichloropropane
Concen: 5.996 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

Tgt Ion: 63 Resp: 23762
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.4#

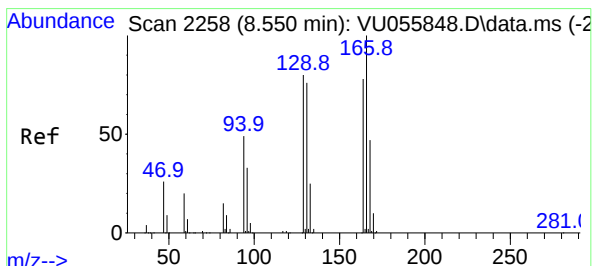
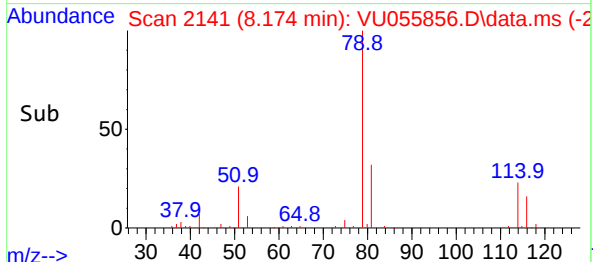
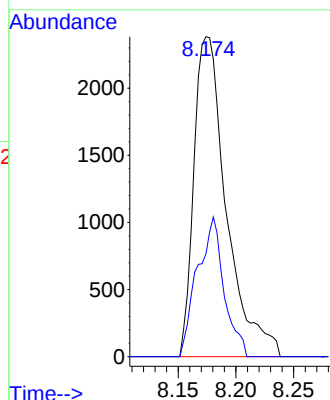
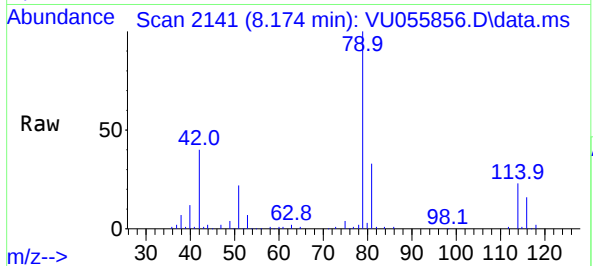




#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 8.174 min Scan# 2151
Delta R.T. -0.032 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

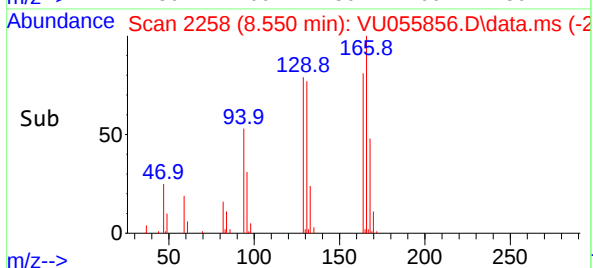
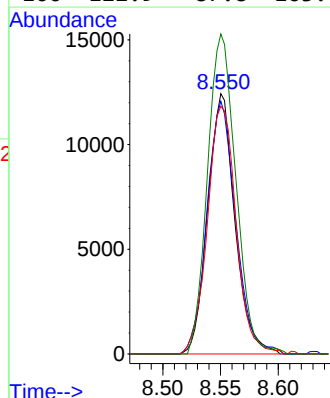
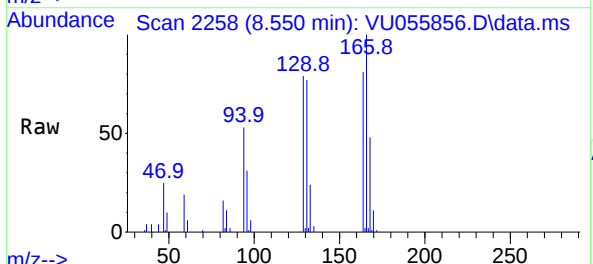
Instrument :
MSVOA_U
ClientSampleId :

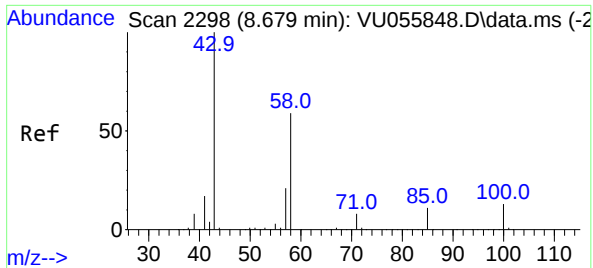
Tgt Ion: 75 Resp: 4654
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2



#46
Tetrachloroethene
Concen: 7.252 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

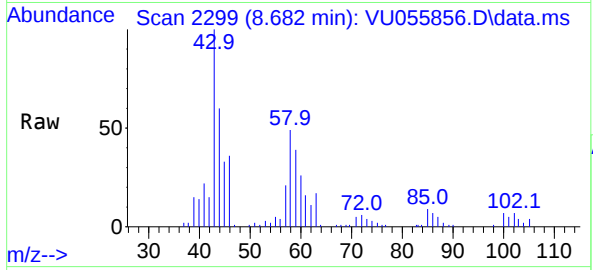
Tgt Ion:164 Resp: 20446
Ion Ratio Lower Upper
164 100
129 97.0 70.7 131.3
131 95.1 65.9 122.5
166 122.9 87.8 163.0





#48
2-Hexanone
Concen: 5.633 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055856.D
Acq: 23 Oct 2023 15:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 26231
Ion Ratio Lower Upper
43 100
58 54.1 45.2 67.8
57 0.0 16.1 24.1#
100 2.8 9.7 14.5#

