

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050875.D
 Acq On : 21 Sep 2022 12:00
 Operator : JC/MD
 Sample : N4650-21DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38DL

Quant Time: Sep 22 02:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

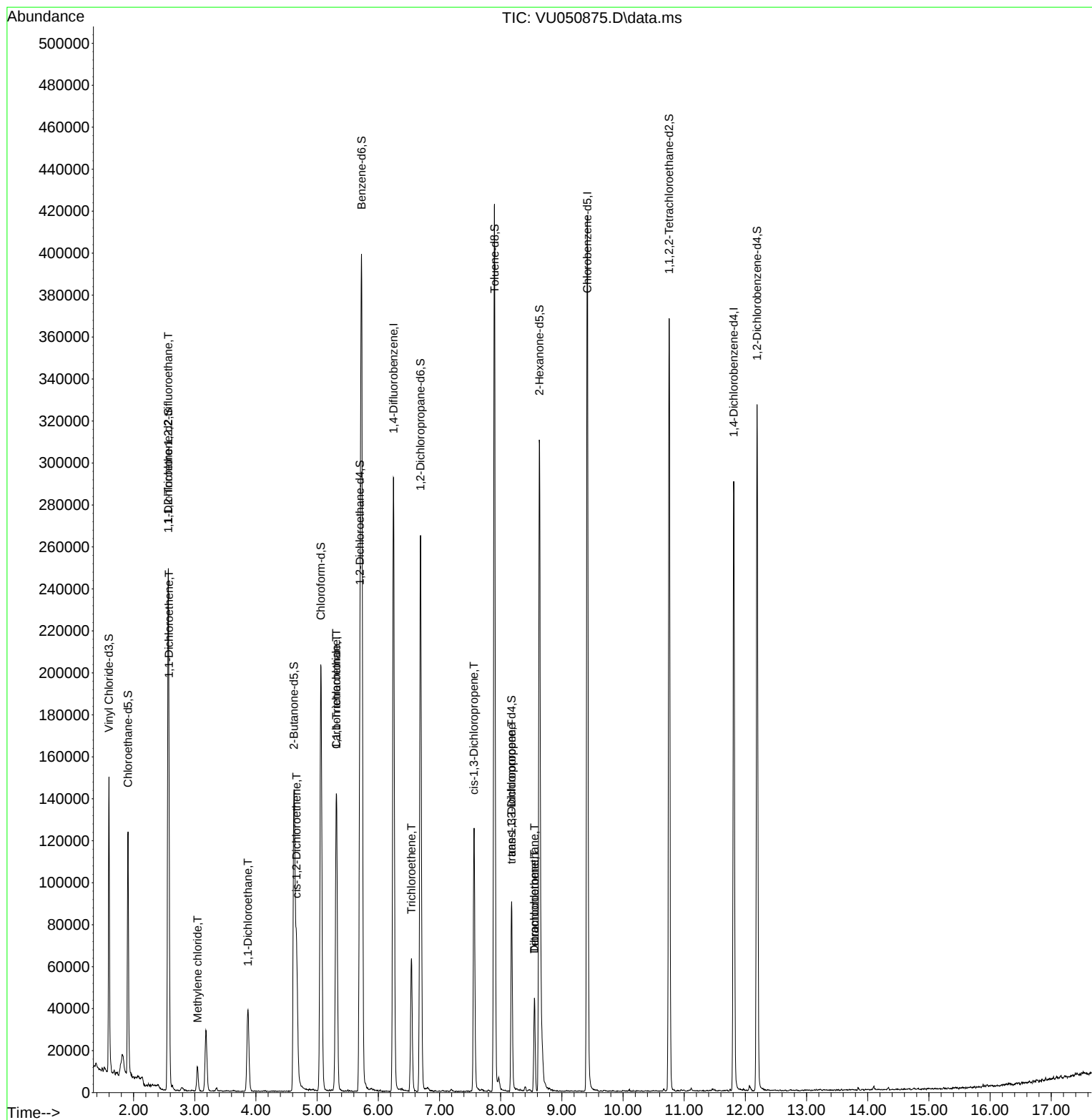
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230336	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77725	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104269	43.692	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.380%	
7) Chloroethane-d5	1.909	69	87061	51.224	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	102.440%	
11) 1,1-Dichloroethene-d2	2.565	63	139116	37.464	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.920%	
21) 2-Butanone-d5	4.620	46	180099	116.896	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	116.900%	
24) Chloroform-d	5.060	84	191158	51.114	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.220%	
26) 1,2-Dichloroethane-d4	5.700	65	126083	54.705	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.420%	
32) Benzene-d6	5.726	84	371374	48.831	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.660%	
36) 1,2-Dichloropropane-d6	6.690	67	130892	50.988	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.980%	
41) Toluene-d8	7.899	98	284946	42.863	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.720%	
43) trans-1,3-Dichloroprop...	8.179	79	50603	45.312	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.620%	
47) 2-Hexanone-d5	8.632	63	94700	89.516	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.520%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	188467	48.154	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.300%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87662	53.867	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.740%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1156	0.613	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	21334	12.048	ug/L #	12
16) Methylene chloride	3.044	84	5342	2.173	ug/L	98
19) 1,1-Dichloroethane	3.867	63	46207	12.600	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	26521	13.179	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	103559	33.713	ug/L	99
31) Carbon tetrachloride	5.314	117	13901	5.447	ug/L	95
34) Trichloroethene	6.542	95	20944	10.611	ug/L	96
39) cis-1,3-Dichloropropene	7.562	75	3129	1.006	ug/L #	82
44) trans-1,3-Dichloropropene	8.176	75	2229	0.753	ug/L	91
46) Tetrachloroethene	8.552	164	10194	7.187	ug/L	87
49) Dibromochloromethane	8.552	129	9558	4.549	ug/L #	10

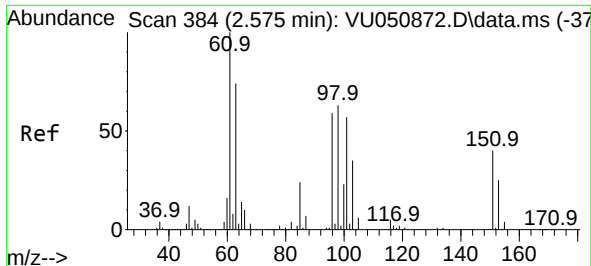
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
Data File : VU050875.D
Acq On : 21 Sep 2022 12:00
Operator : JC/MD
Sample : N4650-21DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ38DL

Quant Time: Sep 22 02:12:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration





#10

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

Concen: 0.613 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.007 min

Lab File: VU050875.D

Acq: 21 Sep 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

EXZ38DL

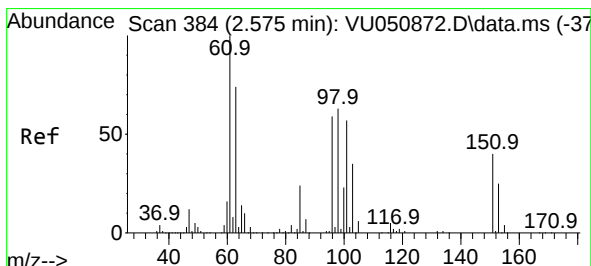
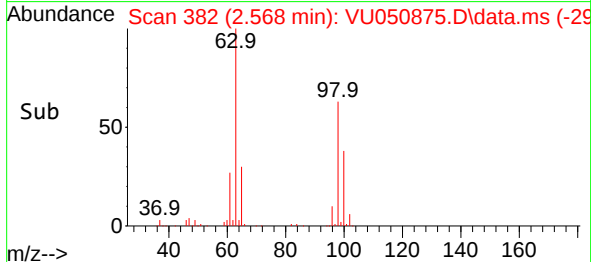
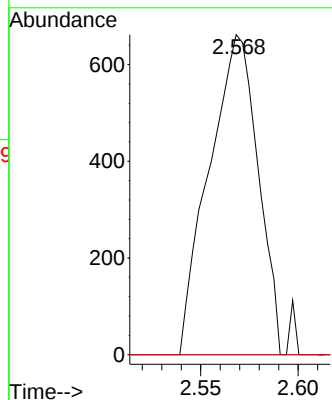
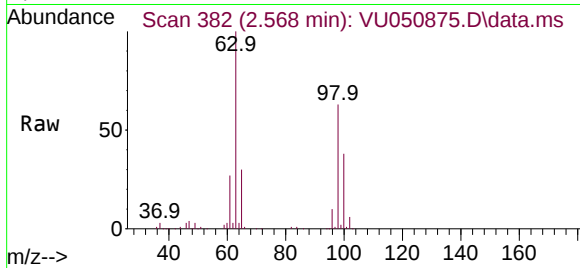
Tgt Ion:101 Resp: 1156

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: 12.048 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050875.D

Acq: 21 Sep 2022 12:00

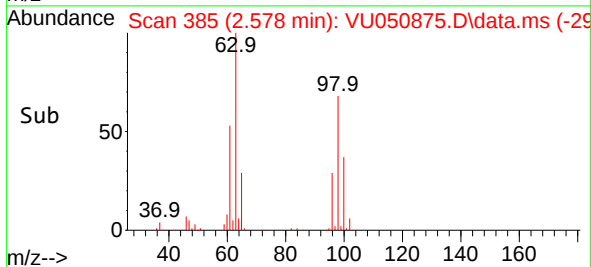
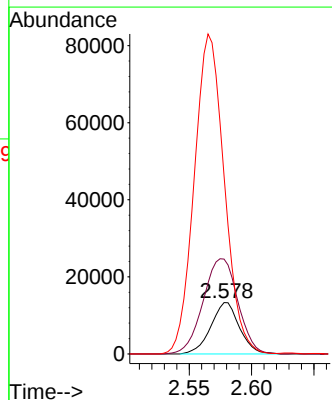
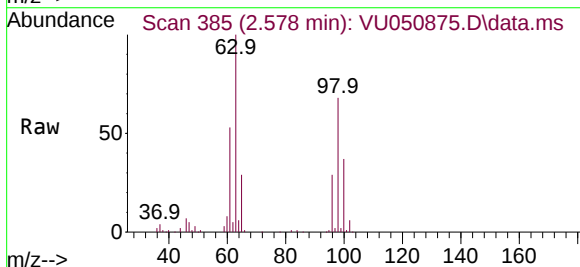
Tgt Ion: 96 Resp: 21334

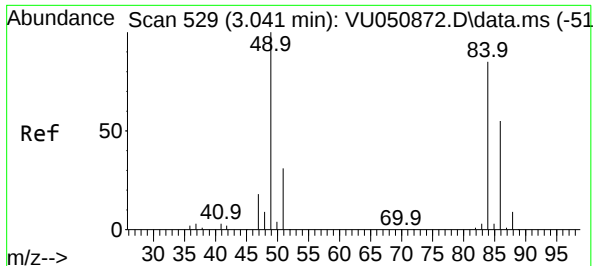
Ion Ratio Lower Upper

96 100

61 184.7 118.6 220.2

63 347.4 90.4 168.0#

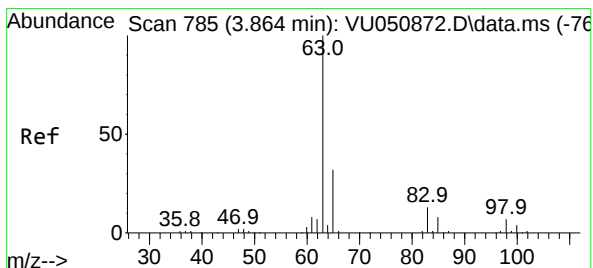
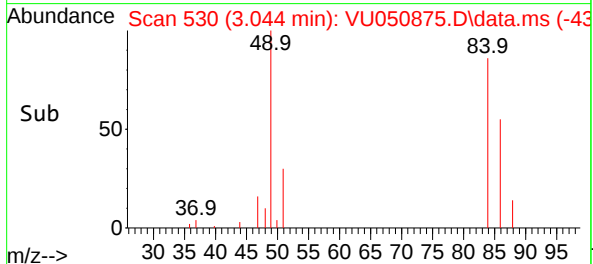
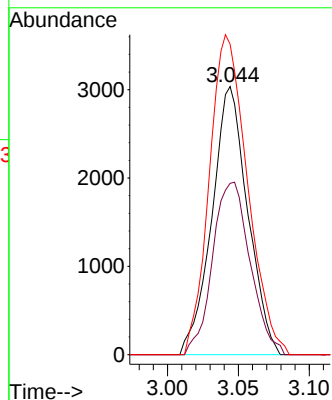
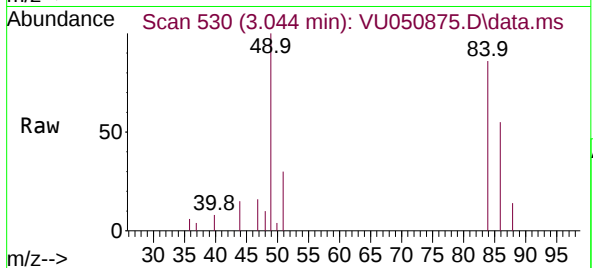




#16
Methylene chloride
Concen: 2.173 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050875.D
Acq: 21 Sep 2022 12:00

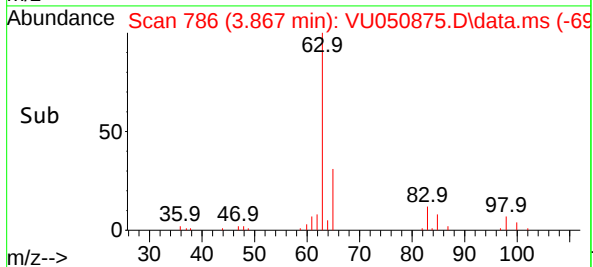
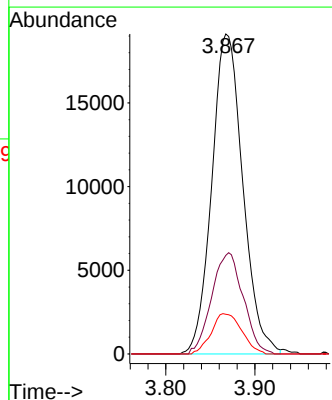
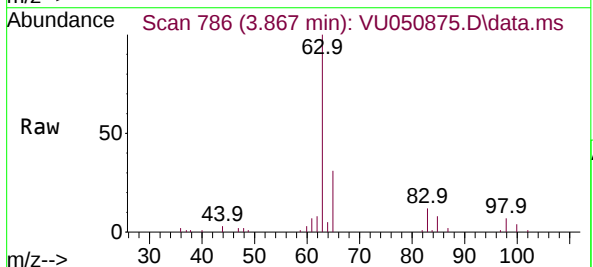
Instrument :
MSVOA_U
ClientSampleId :
EXZ38DL

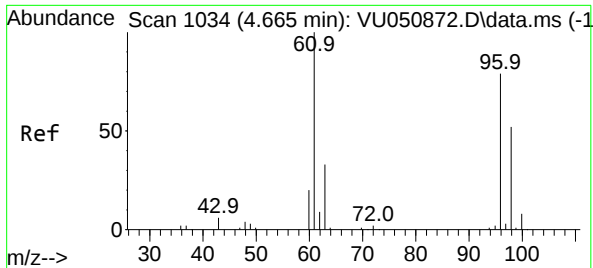
Tgt Ion: 84 Resp: 5342
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.5
49 115.7 83.3 154.7



#19
1,1-Dichloroethane
Concen: 12.600 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU050875.D
Acq: 21 Sep 2022 12:00

Tgt Ion: 63 Resp: 46207
Ion Ratio Lower Upper
63 100
65 30.8 21.5 39.9
83 12.4 9.3 17.3

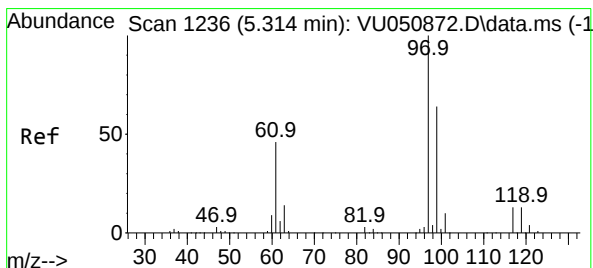
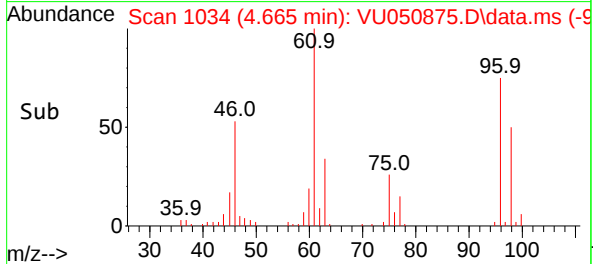
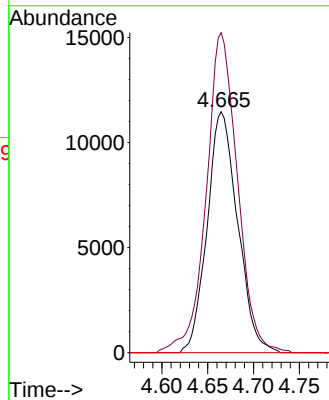
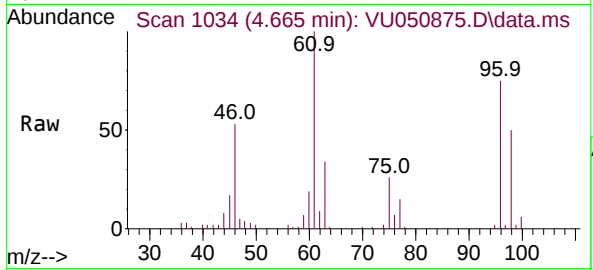




#20
 cis-1,2-Dichloroethene
 Concen: 13.179 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050875.D
 Acq: 21 Sep 2022 12:00

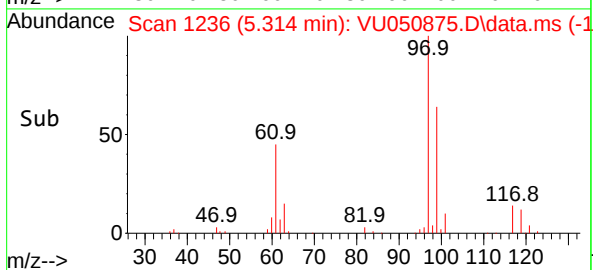
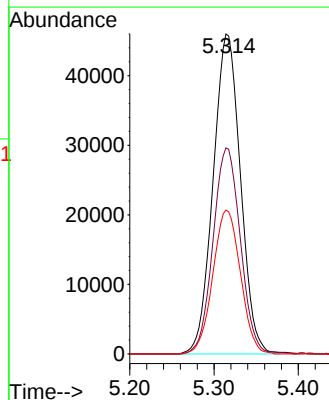
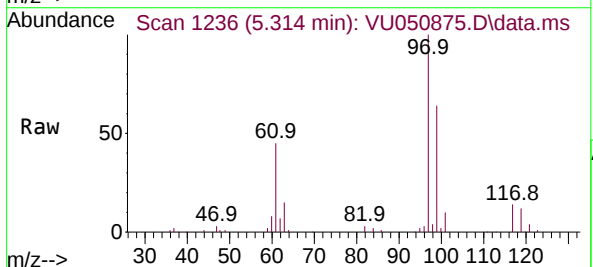
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38DL

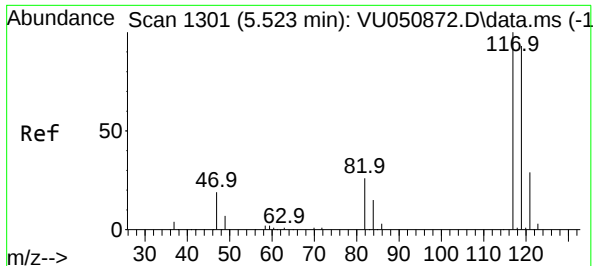
Tgt Ion: 96 Resp: 26521
 Ion Ratio Lower Upper
 96 100
 61 132.8 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 33.713 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU050875.D
 Acq: 21 Sep 2022 12:00

Tgt Ion: 97 Resp: 103559
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.2 78.2
 61 45.4 37.1 55.7

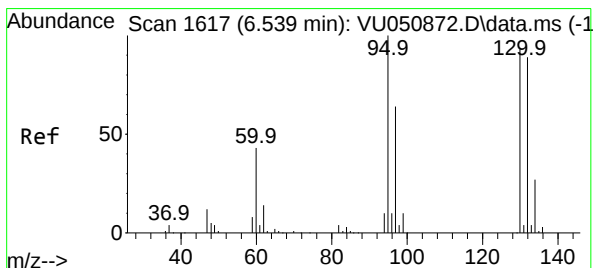
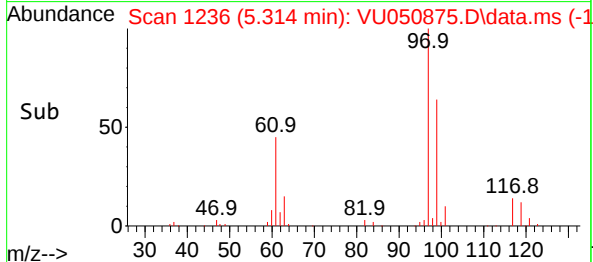
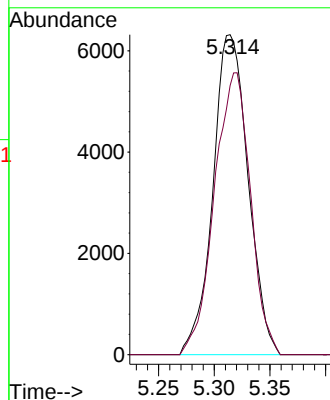
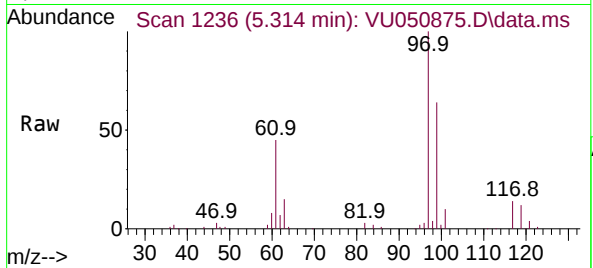




#31
Carbon tetrachloride
Concen: 5.447 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU050875.D
Acq: 21 Sep 2022 12:00

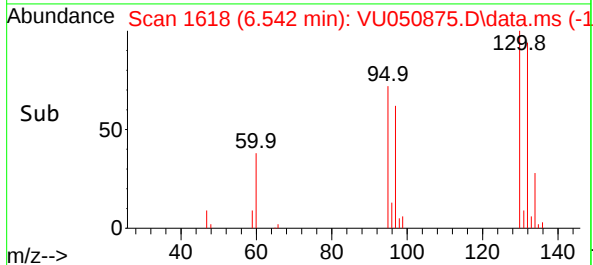
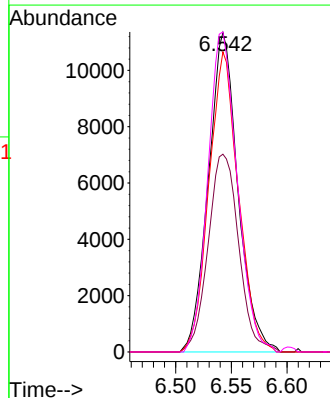
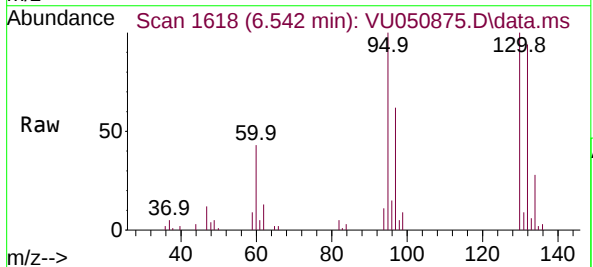
Instrument :
MSVOA_U
ClientSampleId :
EXZ38DL

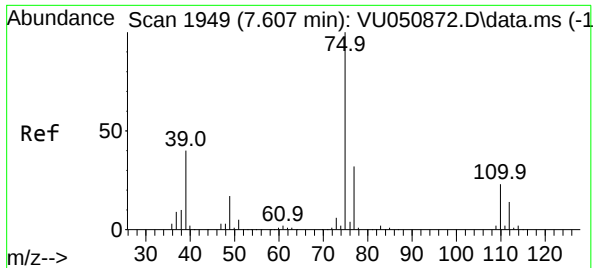
Tgt Ion:117 Resp: 13901
Ion Ratio Lower Upper
117 100
119 90.3 76.0 114.0



#34
Trichloroethene
Concen: 10.611 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050875.D
Acq: 21 Sep 2022 12:00

Tgt Ion: 95 Resp: 20944
Ion Ratio Lower Upper
95 100
97 61.9 43.9 81.5
132 93.9 63.1 117.1
130 100.2 65.9 122.3





#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050875.D

Acq: 21 Sep 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

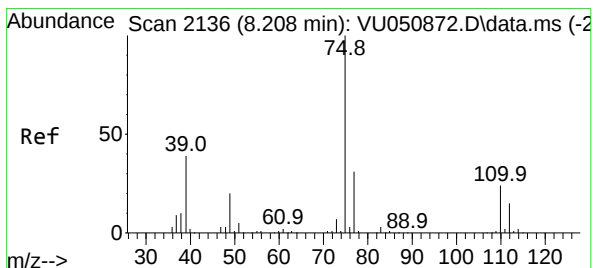
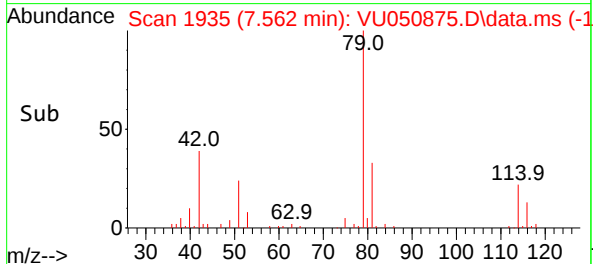
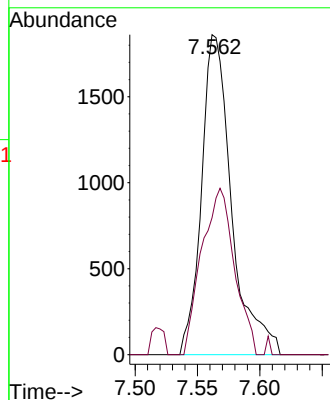
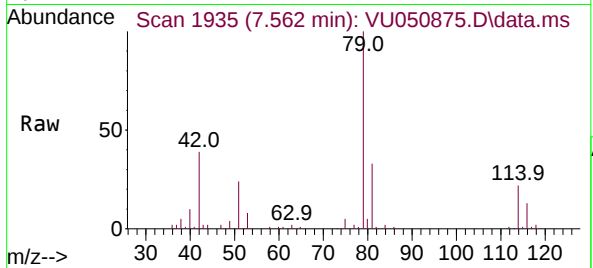
EXZ38DL

Tgt Ion: 75 Resp: 3129

Ion Ratio Lower Upper

75 100

77 42.8 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU050875.D

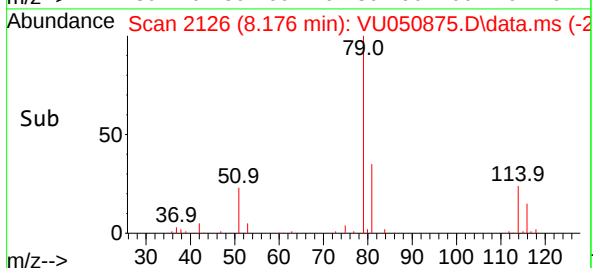
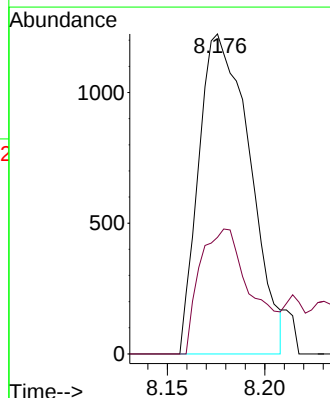
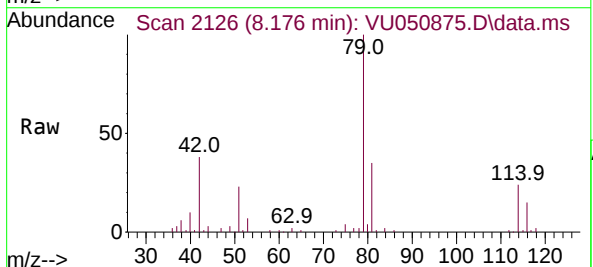
Acq: 21 Sep 2022 12:00

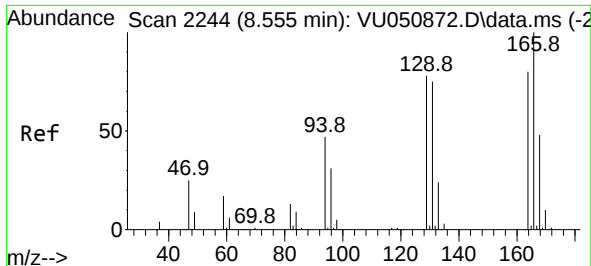
Tgt Ion: 75 Resp: 2229

Ion Ratio Lower Upper

75 100

77 36.4 21.9 40.7





#46

Tetrachloroethene

Concen: 7.187 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU050875.D

Acq: 21 Sep 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

EXZ38DL

Tgt Ion:164 Resp: 10194

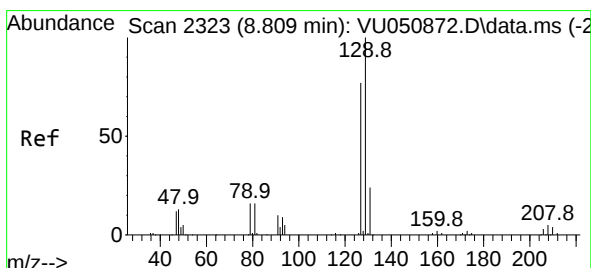
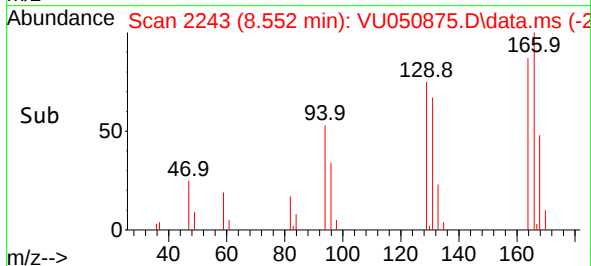
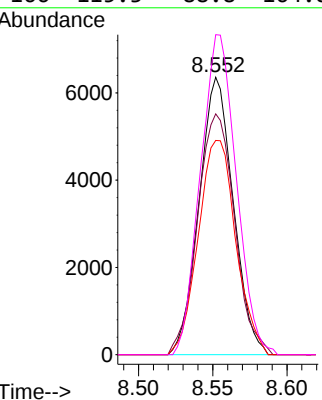
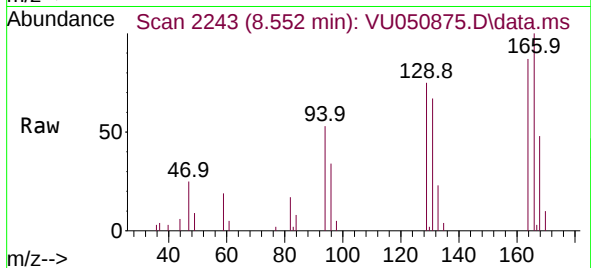
Ion Ratio Lower Upper

164 100

129 86.8 68.5 127.3

131 77.2 66.1 122.7

166 115.3 88.8 164.8



#49

Dibromochloromethane

Concen: 4.549 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU050875.D

Acq: 21 Sep 2022 12:00

Tgt Ion:129 Resp: 9558

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#

