

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051013.D
 Acq On : 30 Sep 2022 05:03
 Operator : JC/MD
 Sample : N4880-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 05:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

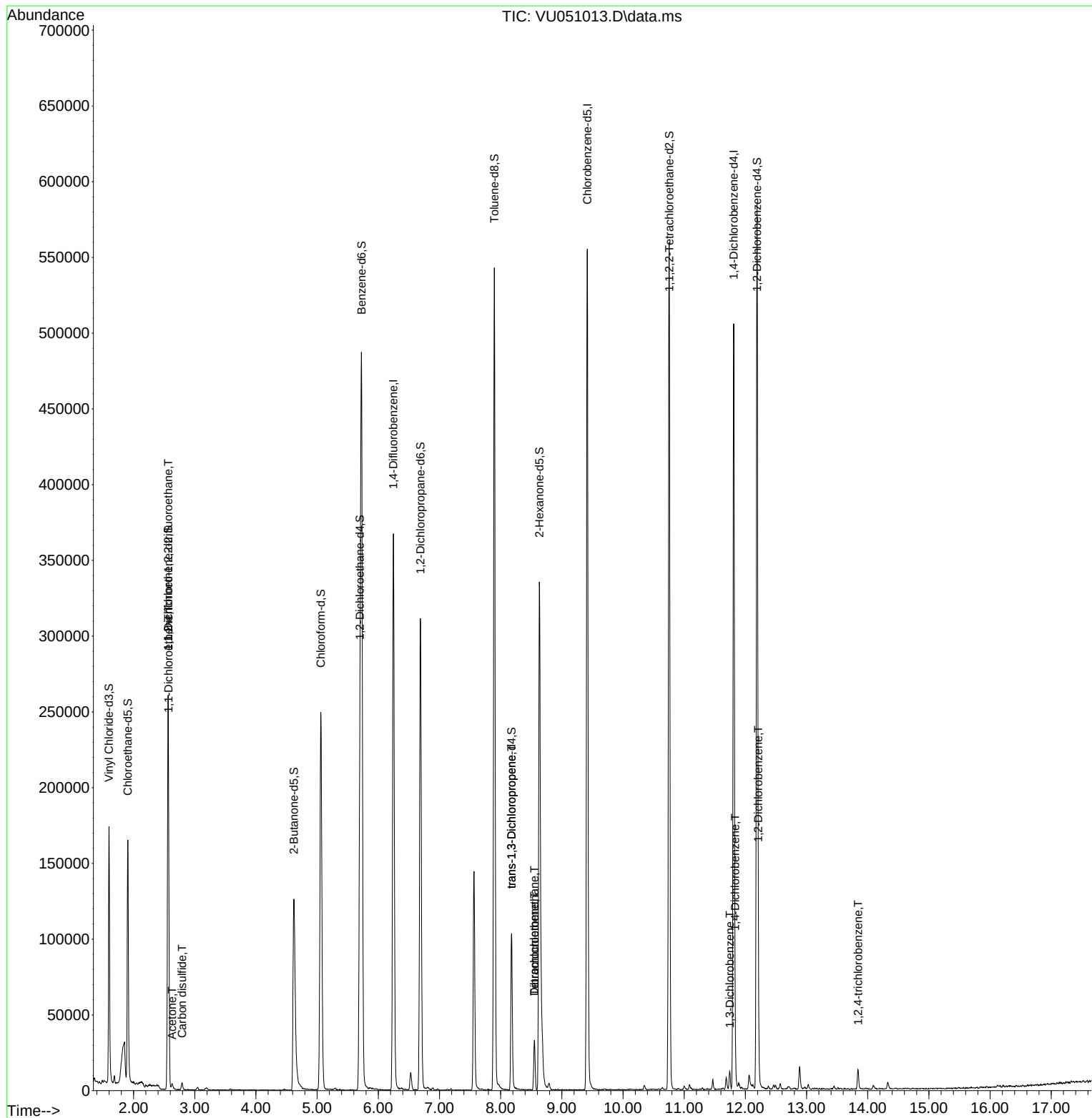
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	296068	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311803	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	130365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127341	42.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.880%		
7) Chloroethane-d5	1.906	69	116605	41.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.680%		
11) 1,1-Dichloroethene-d2	2.565	63	151817	34.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.500%		
21) 2-Butanone-d5	4.620	46	183666	94.377	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.380%		
24) Chloroform-d	5.060	84	226381	46.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
26) 1,2-Dichloroethane-d4	5.700	65	145911	48.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
32) Benzene-d6	5.726	84	449291	49.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.420%		
36) 1,2-Dichloropropane-d6	6.687	67	151084	50.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.980%		
41) Toluene-d8	7.896	98	361725	42.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.760%		
43) trans-1,3-Dichloroprop...	8.179	79	57111	40.413	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.820%		
47) 2-Hexanone-d5	8.632	63	96721	80.847	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.850%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284467	54.936	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.880%		
66) 1,2-Dichlorobenzene-d4	12.192	152	146810	52.715	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1287	0.569	ug/L #	26
12) 1,1-Dichloroethene	2.572	96	1216	0.576	ug/L #	1
13) Acetone	2.629	43	4224	2.718	ug/L	91
14) Carbon disulfide	2.793	76	5651	0.905	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2548	0.695	ug/L	99
46) Tetrachloroethene	8.552	164	7038	3.772	ug/L	95
49) Dibromochloromethane	8.552	129	6699	2.298	ug/L #	12
64) 1,3-Dichlorobenzene	11.748	146	3598	0.824	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	4790	1.098	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	13931	3.106	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	4059	1.676	ug/L #	87

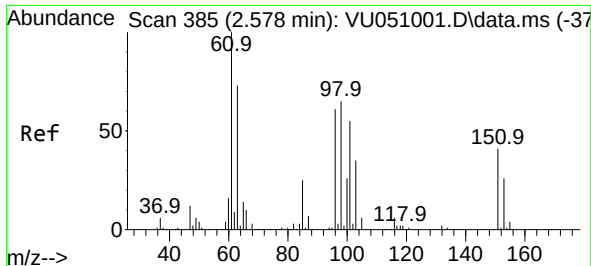
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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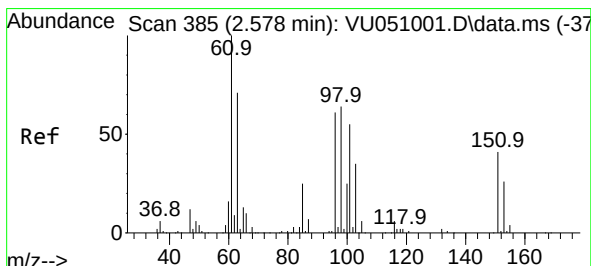
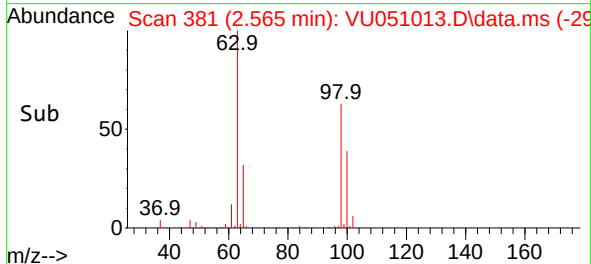
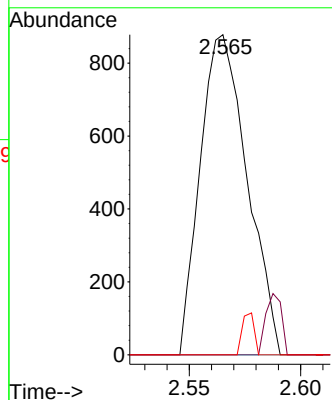
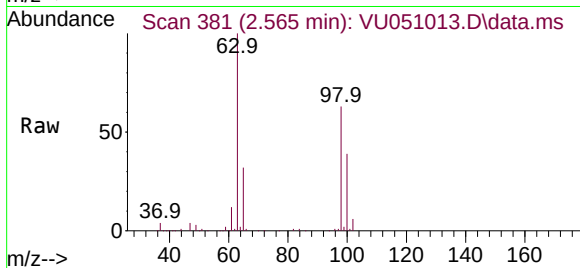




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.569 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU051013.D
 Acq: 30 Sep 2022 05:03

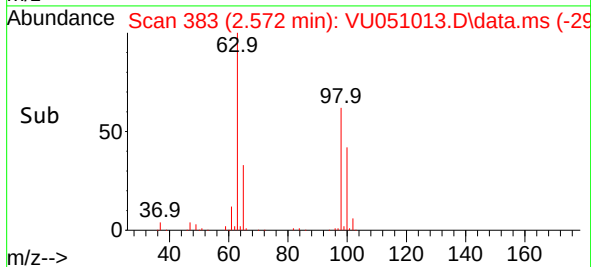
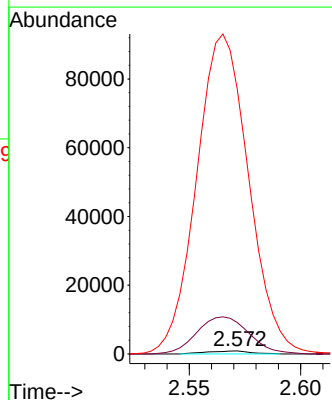
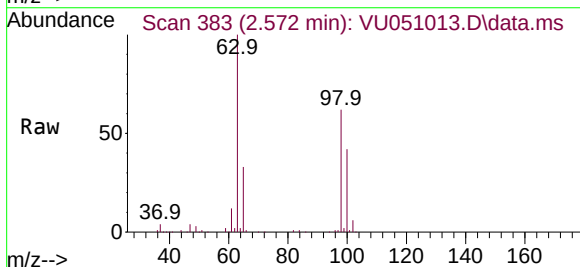
Instrument :
 MSVOA_U
 ClientSampleId :

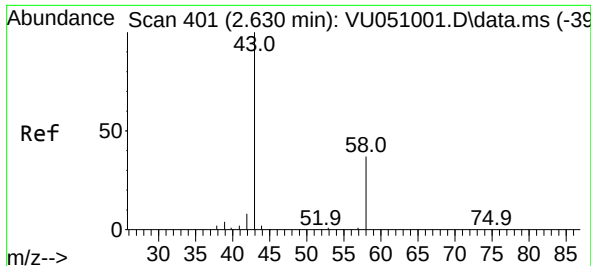
Tgt Ion:101 Resp: 1287
 Ion Ratio Lower Upper
 101 100
 85 6.4 34.6 52.0#
 151 3.3 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.576 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU051013.D
 Acq: 30 Sep 2022 05:03

Tgt Ion: 96 Resp: 1216
 Ion Ratio Lower Upper
 96 100
 61 1045.2 113.0 209.9#
 63 8774.5 91.7 170.3#





#13

Acetone

Concen: 2.718 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU051013.D

Acq: 30 Sep 2022 05:03

Instrument :

MSVOA_U

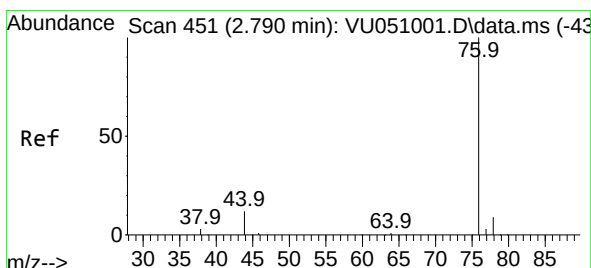
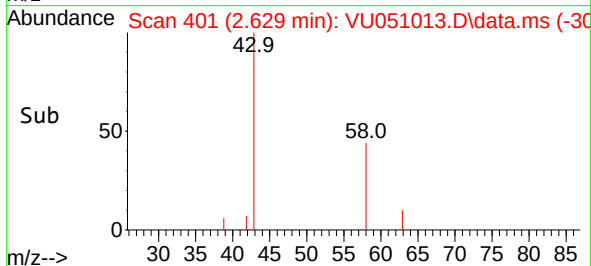
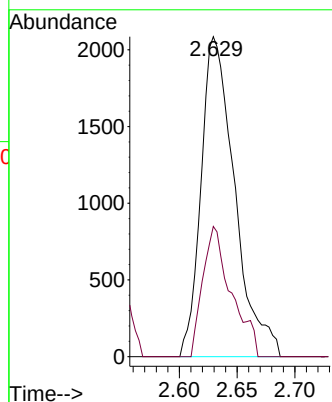
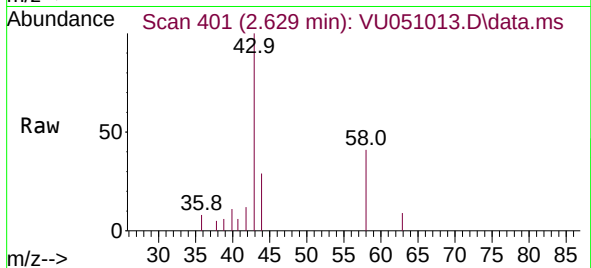
ClientSampleId :

Tgt Ion: 43 Resp: 4224

Ion Ratio Lower Upper

43 100

58 31.5 0.0 73.6



#14

Carbon disulfide

Concen: 0.905 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051013.D

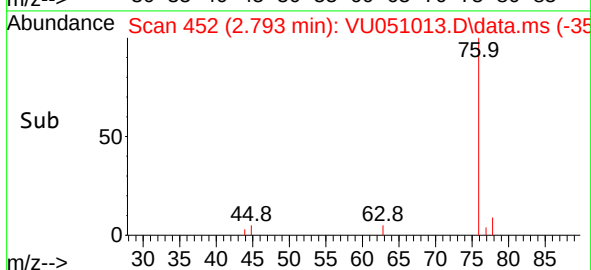
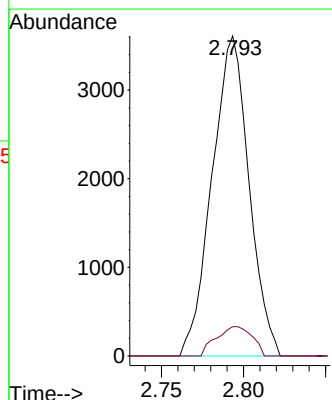
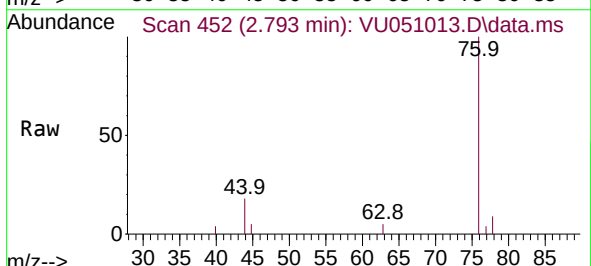
Acq: 30 Sep 2022 05:03

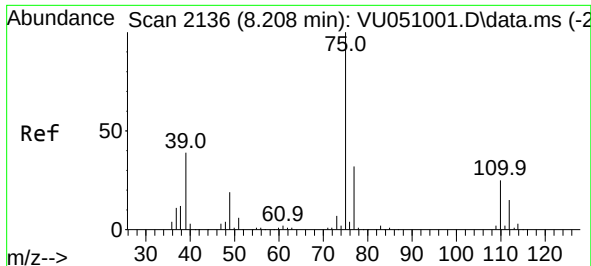
Tgt Ion: 76 Resp: 5651

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

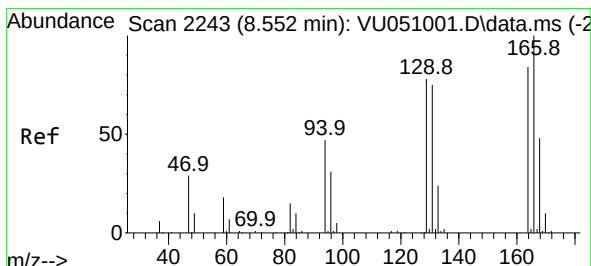
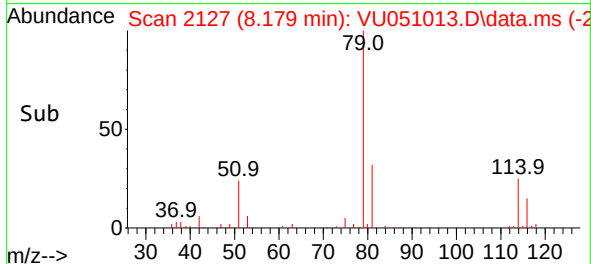
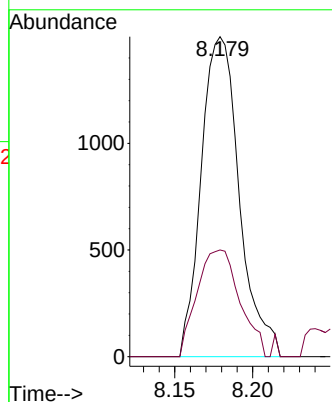
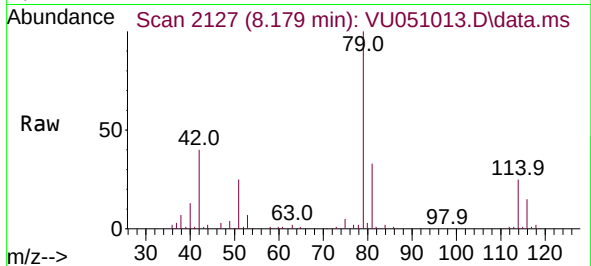




#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

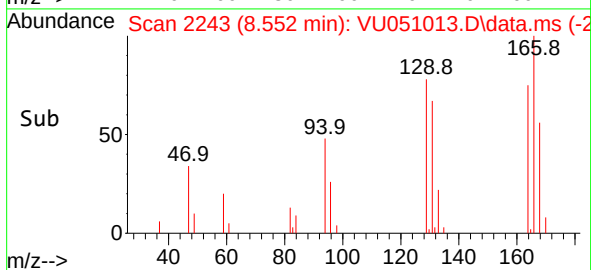
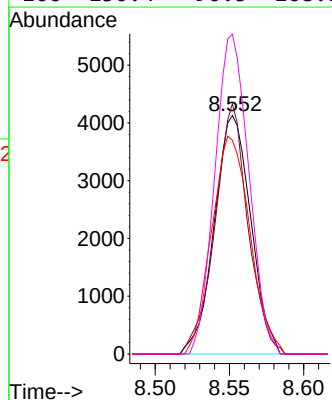
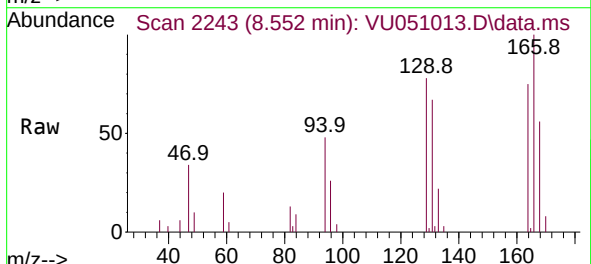
Instrument :
MSVOA_U
ClientSampleId :

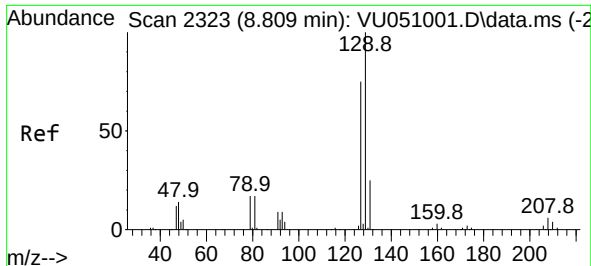
Tgt Ion: 75 Resp: 2548
Ion Ratio Lower Upper
75 100
77 33.3 22.7 42.3



#46
Tetrachloroethene
Concen: 3.772 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

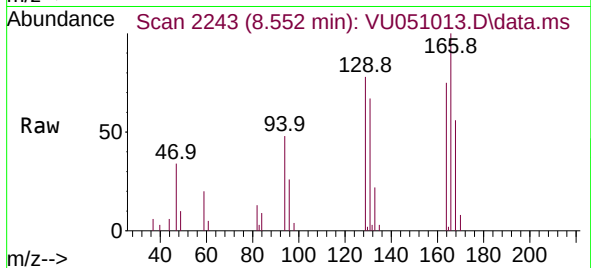
Tgt Ion: 164 Resp: 7038
Ion Ratio Lower Upper
164 100
129 104.8 68.1 126.5
131 90.8 67.8 126.0
166 130.4 90.5 168.1



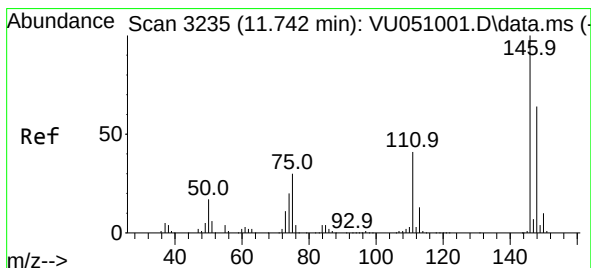
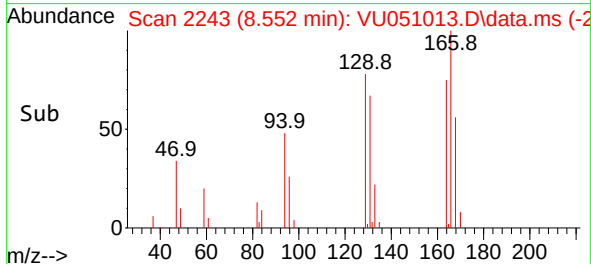
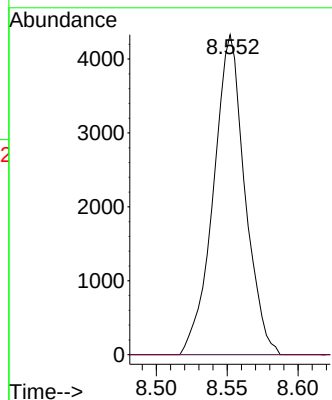


#49
Dibromochloromethane
Concen: 2.298 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Instrument :
MSVOA_U
ClientSampleId :

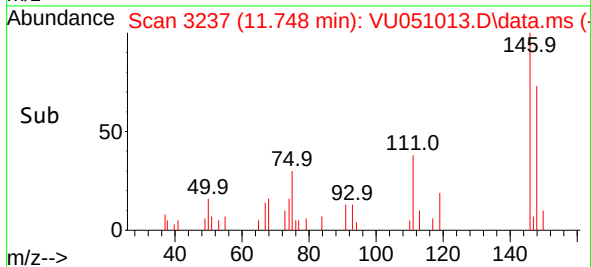
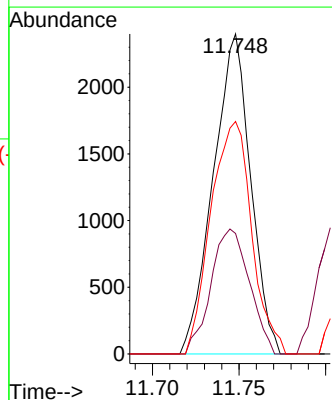
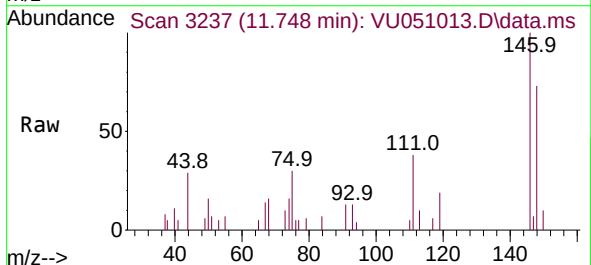


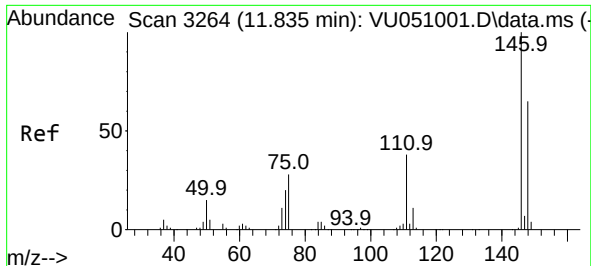
Tgt Ion:129 Resp: 6699
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#



#64
1,3-Dichlorobenzene
Concen: 0.824 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

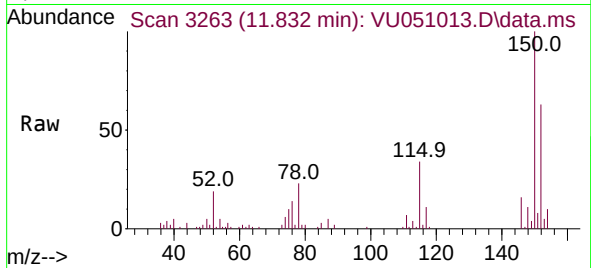
Tgt Ion:146 Resp: 3598
Ion Ratio Lower Upper
146 100
111 37.6 28.2 52.4
148 72.7 43.5 80.9



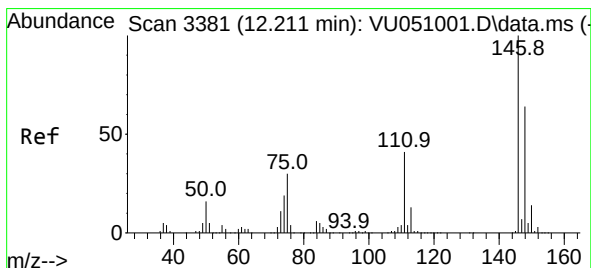
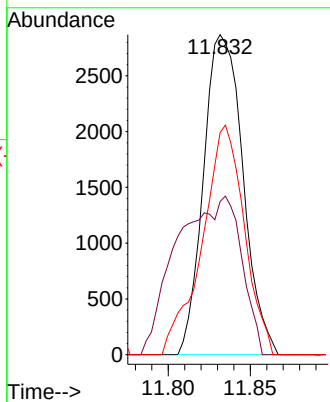
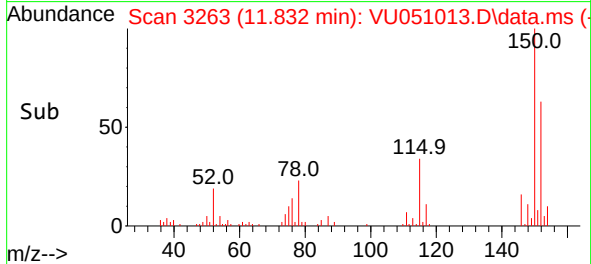


#65
1,4-Dichlorobenzene
Concen: 1.098 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

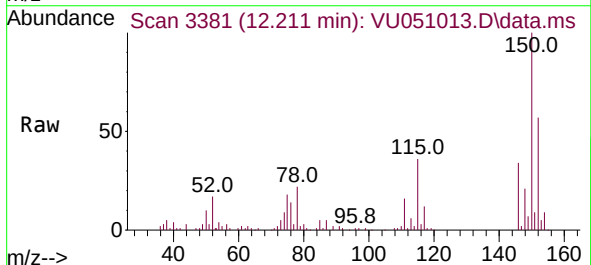
Instrument :
MSVOA_U
ClientSampleId :



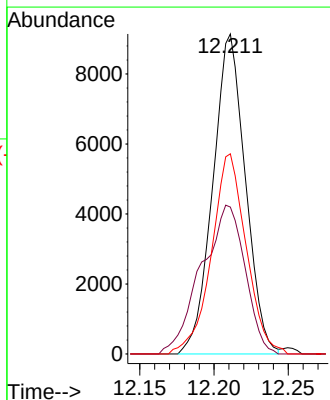
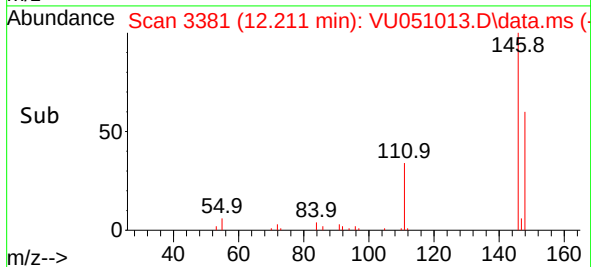
Tgt Ion:146 Resp: 4790
Ion Ratio Lower Upper
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111 47.9 27.0 50.2
148 69.4 45.1 83.9

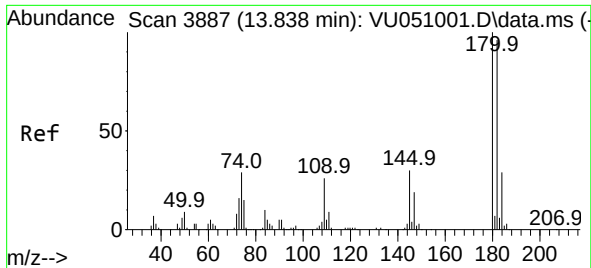


#67
1,2-Dichlorobenzene
Concen: 3.106 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03



Tgt Ion:146 Resp: 13931
Ion Ratio Lower Upper
146 100
111 43.4 33.7 50.5
148 59.1 50.8 76.2





#70

1,2,4-trichlorobenzene

Concen: 1.676 ug/L

RT: 13.841 min Scan# 31

Delta R.T. 0.003 min

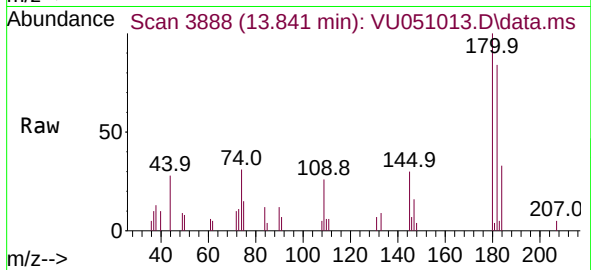
Lab File: VU051013.D

Acq: 30 Sep 2022 05:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4059

Ion Ratio Lower Upper

180 100

182 82.6 75.9 113.9

145 22.1 24.0 36.0#

