

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051080.D
 Acq On : 03 Oct 2022 14:19
 Operator : JC/MD
 Sample : N4859-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10022

Quant Time: Oct 03 23:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

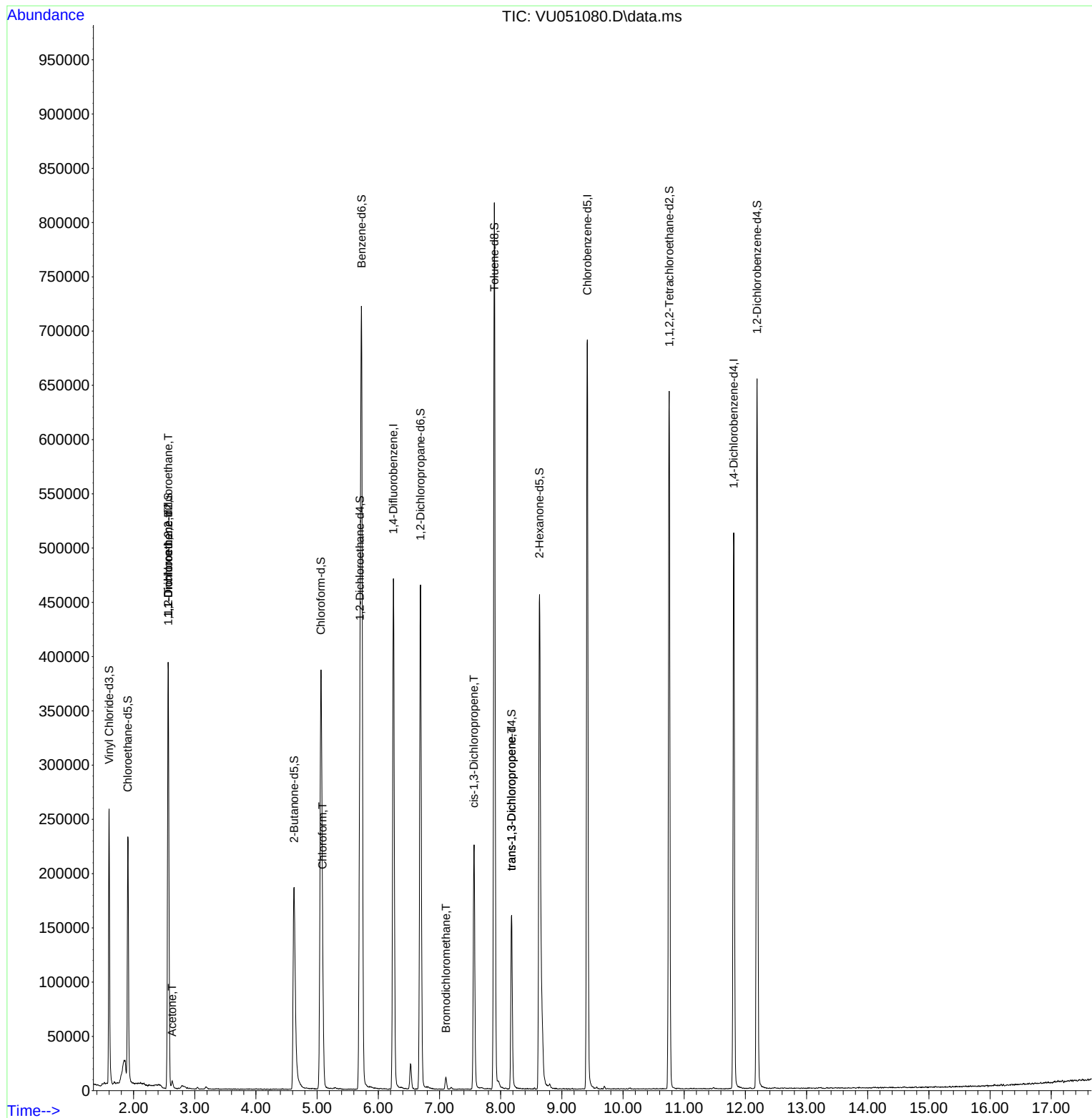
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	380010	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	188702	48.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.000%		
7) Chloroethane-d5	1.906	69	168085	46.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.960%		
11) 1,1-Dichloroethene-d2	2.565	63	229716	40.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.760%		
21) 2-Butanone-d5	4.623	46	276288	110.611	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.610%		
24) Chloroform-d	5.060	84	341582	55.052	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.100%		
26) 1,2-Dichloroethane-d4	5.700	65	219181	57.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.140%		
32) Benzene-d6	5.726	84	669193	59.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.180%		
36) 1,2-Dichloropropane-d6	6.690	67	228534	62.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	124.380%#		
41) Toluene-d8	7.896	98	543794	51.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.940%		
43) trans-1,3-Dichloroprop...	8.179	79	89986	51.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.680%		
47) 2-Hexanone-d5	8.632	63	131706	88.763	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.760%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	327465	50.989	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	173174	60.393	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	120.780%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2114	0.729	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1975	0.729	ug/L #	1
13) Acetone	2.629	43	7673	3.847	ug/L	100
25) Chloroform	5.089	83	90963	15.271	ug/L	97
38) Bromodichloromethane	7.105	83	7589	1.791	ug/L #	93
39) cis-1,3-Dichloropropene	7.562	75	5352	1.190	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	4291	0.944	ug/L #	82

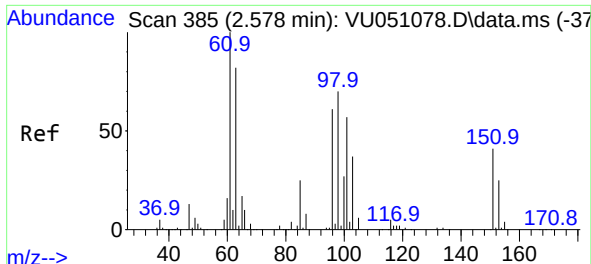
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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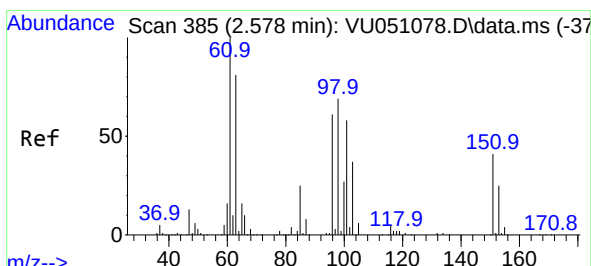
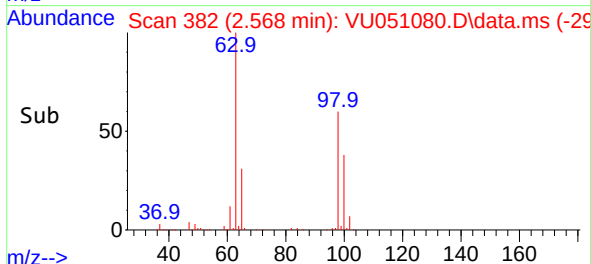
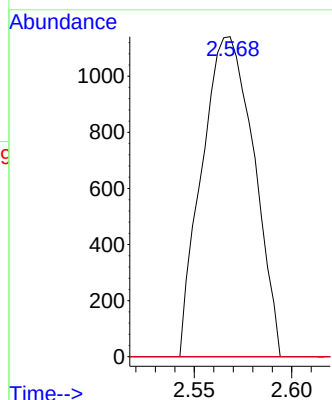
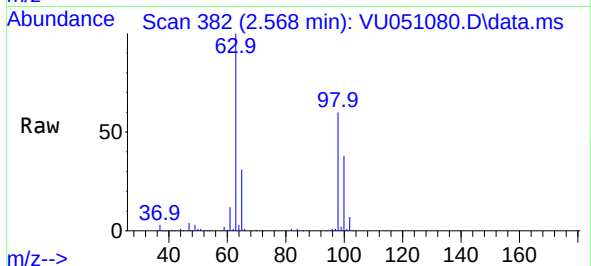




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.729 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051080.D
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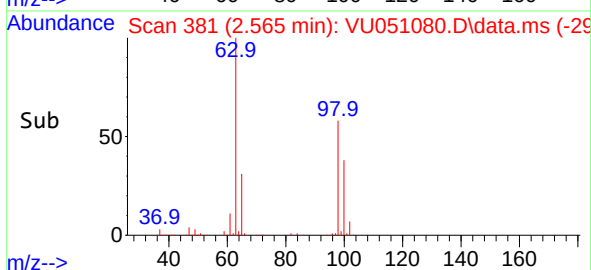
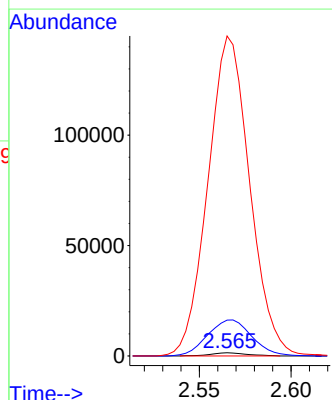
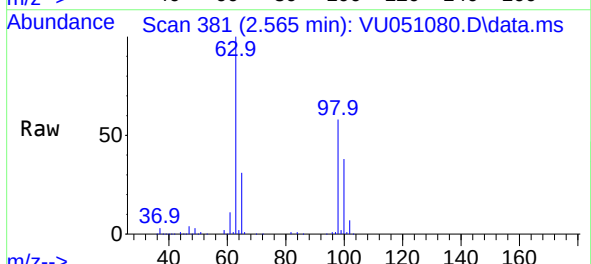
Instrument :
MSVOA_U
ClientSampleId :
E10022

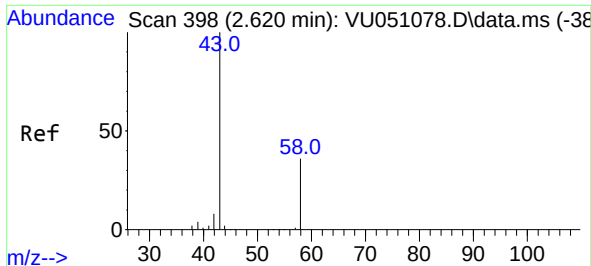
Tgt Ion:101 Resp: 2114
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.729 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051080.D
Acq: 03 Oct 2022 14:19

Tgt Ion: 96 Resp: 1975
Ion Ratio Lower Upper
96 100
61 1135.4 113.0 209.9#
63 10132.6 91.7 170.3#

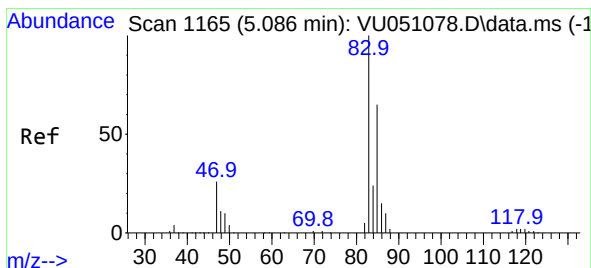
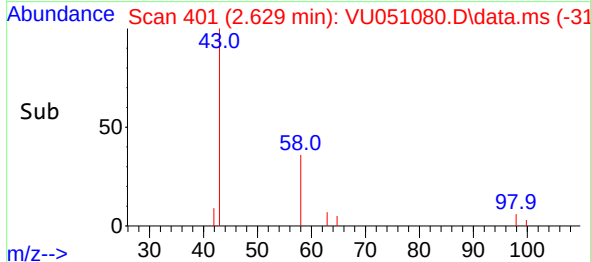
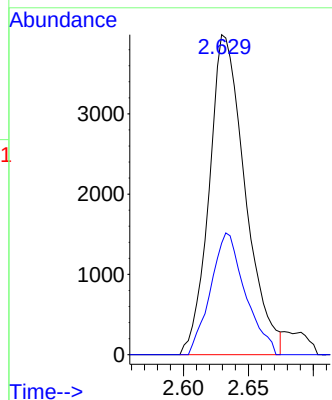
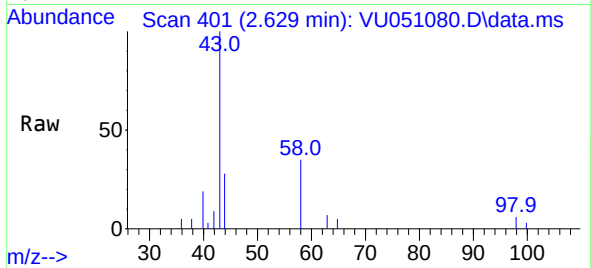




#13
Acetone
Concen: 3.847 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.010 min
Lab File: VU051080.D
Acq: 03 Oct 2022 14:19

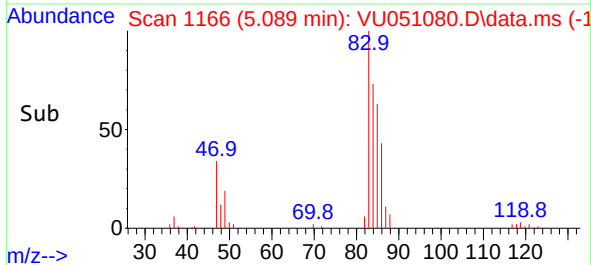
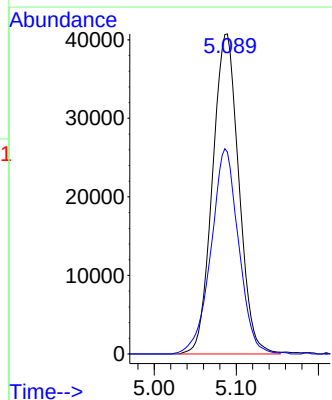
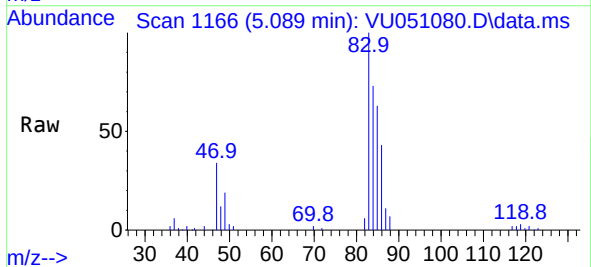
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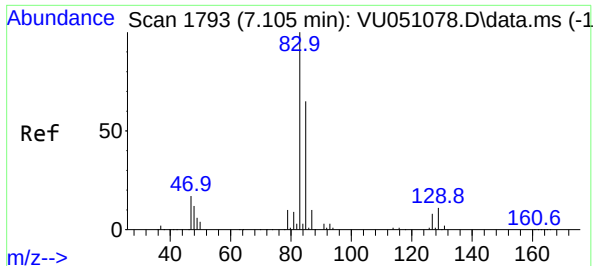
Tgt Ion: 43 Resp: 7673
Ion Ratio Lower Upper
43 100
58 36.6 0.0 73.6



#25
Chloroform
Concen: 15.271 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU051080.D
Acq: 03 Oct 2022 14:19

Tgt Ion: 83 Resp: 90963
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9

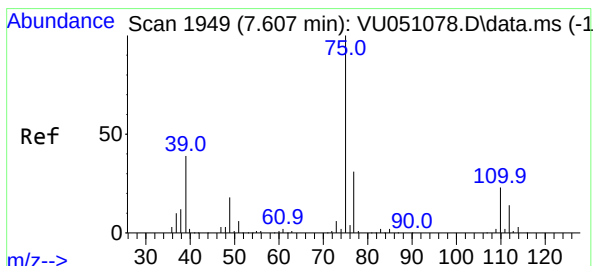
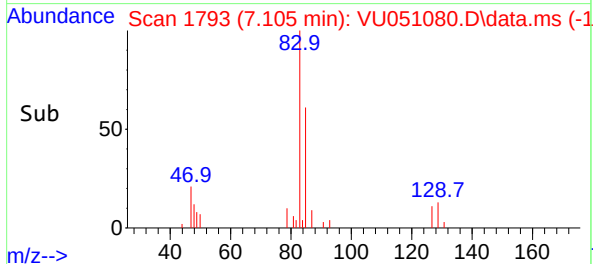
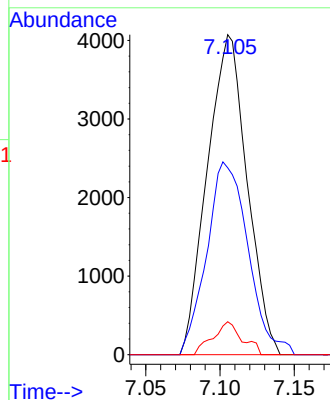
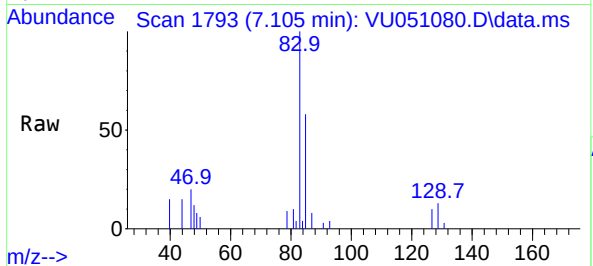




#38
Bromodichloromethane
Concen: 1.791 ug/L
RT: 7.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051080.D
Acq: 03 Oct 2022 14:19

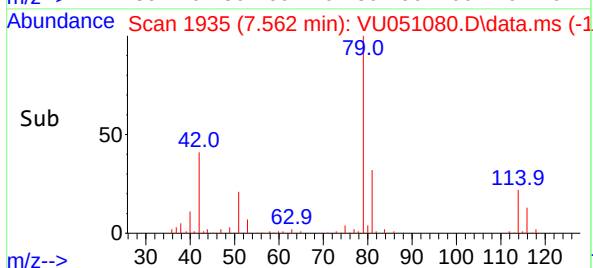
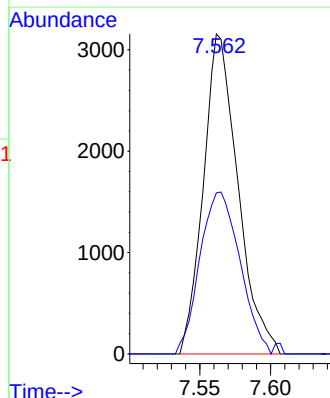
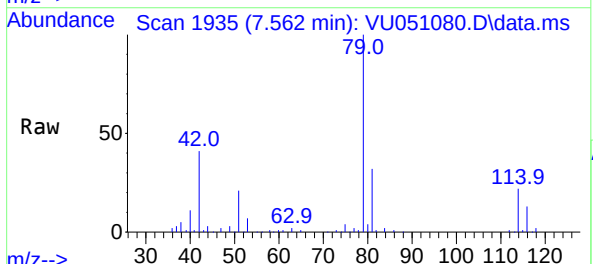
Instrument :
MSVOA_U
ClientSampleId :
E10022

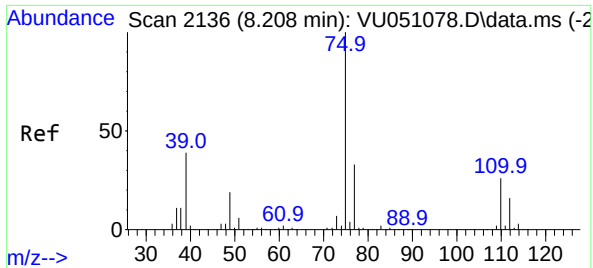
Tgt Ion: 83 Resp: 7589
Ion Ratio Lower Upper
83 100
85 58.4 45.1 83.7
127 10.3 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 1.190 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU051080.D
Acq: 03 Oct 2022 14:19

Tgt Ion: 75 Resp: 5352
Ion Ratio Lower Upper
75 100
77 50.4 22.0 41.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.944 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU051080.D
 Acq: 03 Oct 2022 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 E10022

Tgt Ion: 75 Resp: 4291
 Ion Ratio Lower Upper
 75 100
 77 42.5 22.7 42.3#

