

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053502.D
 Acq On : 31 Mar 2023 19:22
 Operator : JC/MD
 Sample : 02130-05ME
 Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

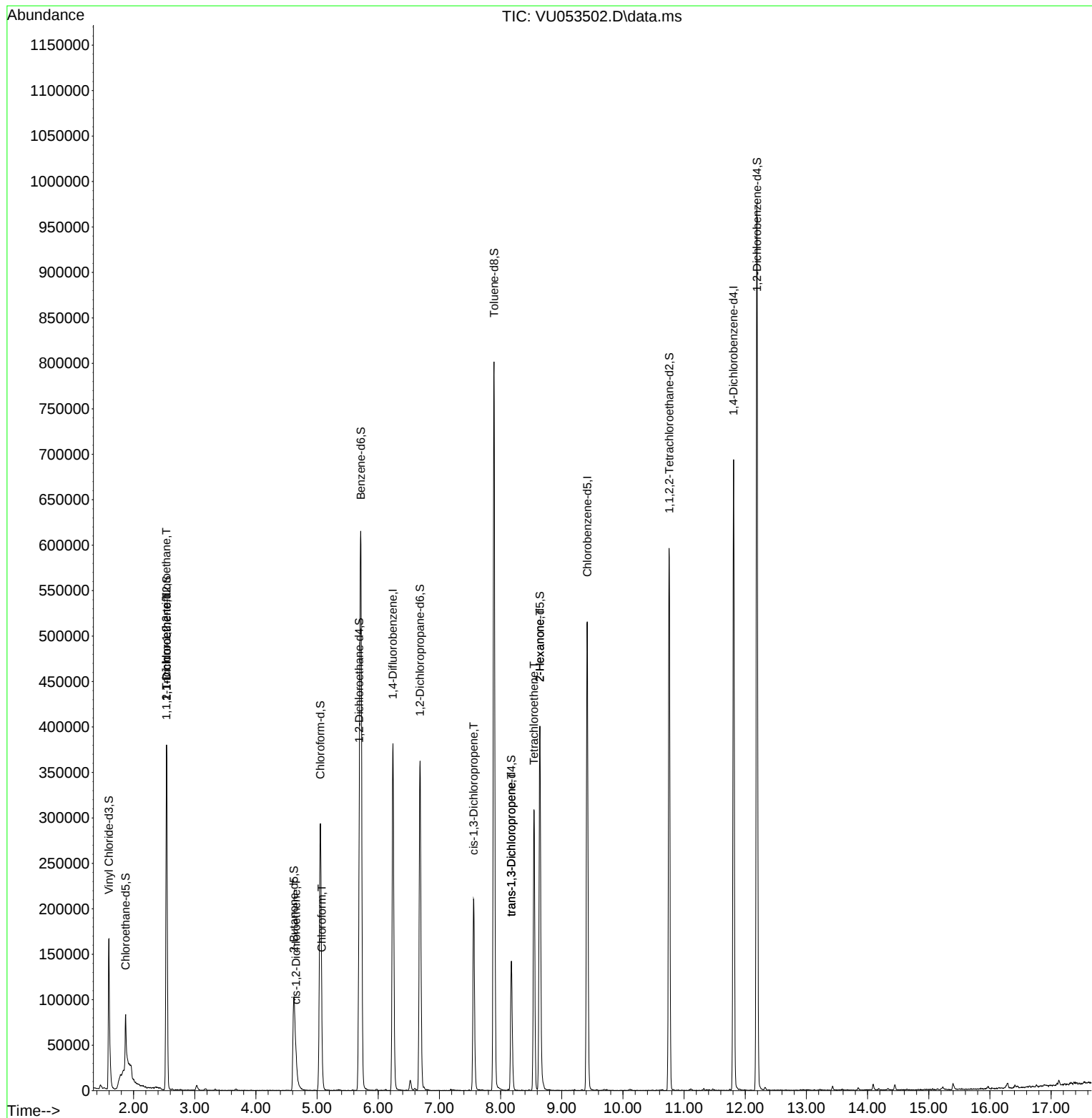
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	347763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	336528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	196570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	155406	57.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.780%			
7) Chloroethane-d5	1.871	69	44641	21.381	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 42.760%#			
11) 1,1-Dichloroethene-d2	2.539	63	205945	49.131	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.260%			
21) 2-Butanone-d5	4.620	46	181325	147.898	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 147.900%#			
24) Chloroform-d	5.054	84	271542	60.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.260%			
26) 1,2-Dichloroethane-d4	5.690	65	178421	67.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.840%#			
32) Benzene-d6	5.716	84	576972	63.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.040%#			
36) 1,2-Dichloropropane-d6	6.684	67	179262	64.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 129.120%#			
41) Toluene-d8	7.893	98	574234	63.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.200%#			
43) trans-1,3-Dichloroprop...	8.176	79	92727	64.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 129.400%#			
47) 2-Hexanone-d5	8.642	63	158391	167.152	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 167.150%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	282285	72.134	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 144.260%#			
66) 1,2-Dichlorobenzene-d4	12.192	152	276041	67.276	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 134.560%#			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	2374	0.991	ug/L #	17
12) 1,1-Dichloroethene	2.539	96	1842	0.863	ug/L #	1
20) cis-1,2-Dichloroethene	4.655	96	7250	2.927	ug/L	93
25) Chloroform	5.076	83	12074	2.963	ug/L	96
39) cis-1,3-Dichloropropene	7.559	75	5635	1.549	ug/L #	79
44) trans-1,3-Dichloropropene	8.176	75	4232	1.230	ug/L	91
46) Tetrachloroethene	8.546	164	71316	32.407	ug/L	97
48) 2-Hexanone	8.642	43	17197	8.787	ug/L #	67

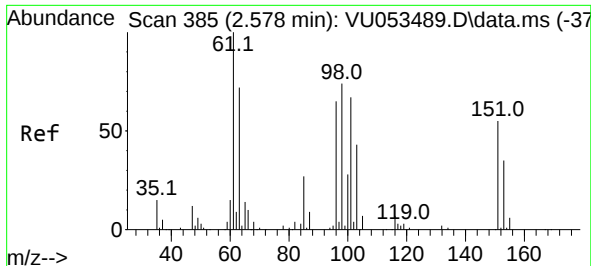
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053502.D
Acq On : 31 Mar 2023 19:22
Operator : JC/MD
Sample : 02130-05ME
Misc : 4.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 01 05:09:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

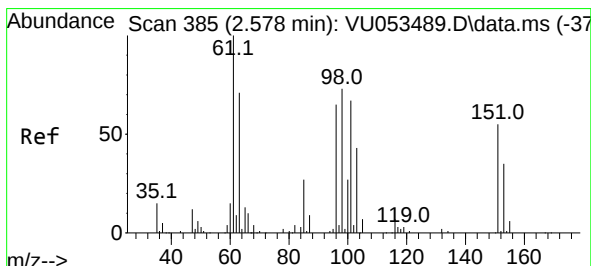
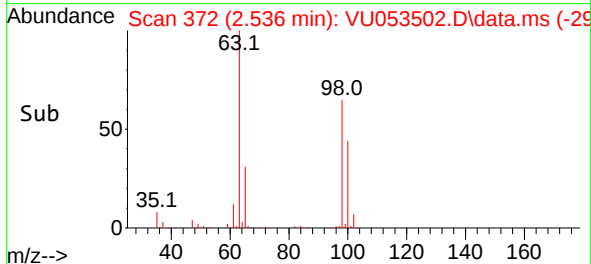
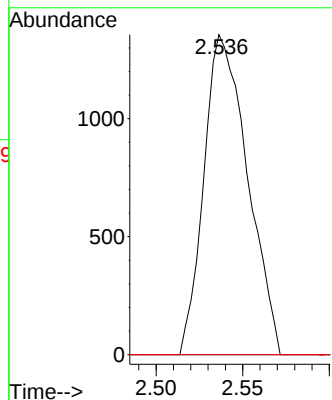
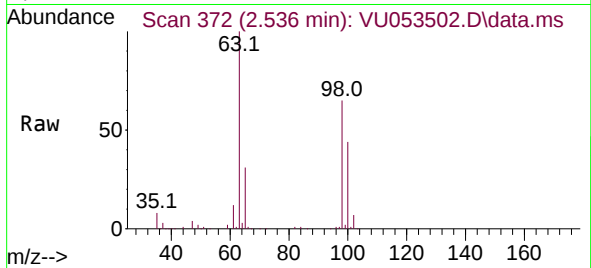




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.991 ug/L
 RT: 2.536 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: VU053502.D
 Acq: 31 Mar 2023 19:22

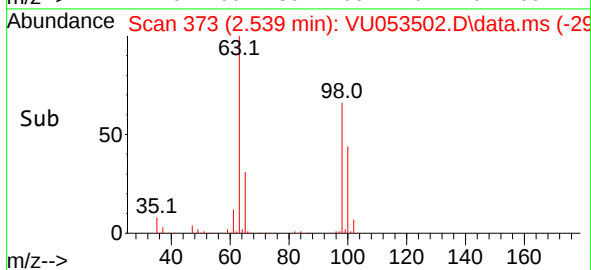
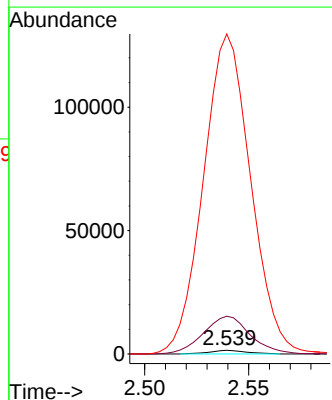
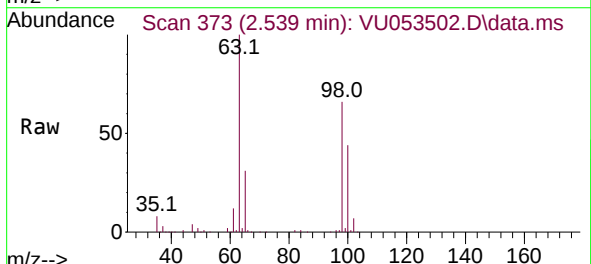
Instrument :
 MSVOA_W
 ClientSampleId :

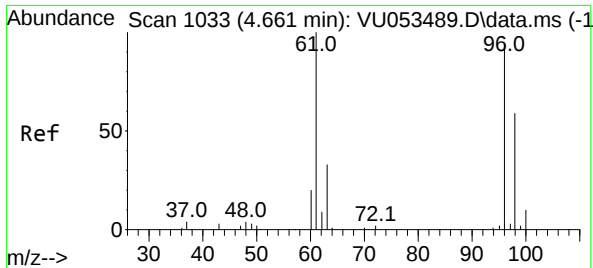
Tgt Ion:101 Resp: 2374
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.863 ug/L
 RT: 2.539 min Scan# 373
 Delta R.T. -0.038 min
 Lab File: VU053502.D
 Acq: 31 Mar 2023 19:22

Tgt Ion: 96 Resp: 1842
 Ion Ratio Lower Upper
 96 100
 61 1037.4 107.9 200.5#
 63 8785.9 79.1 146.9#

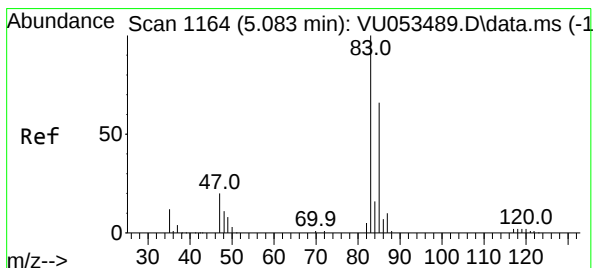
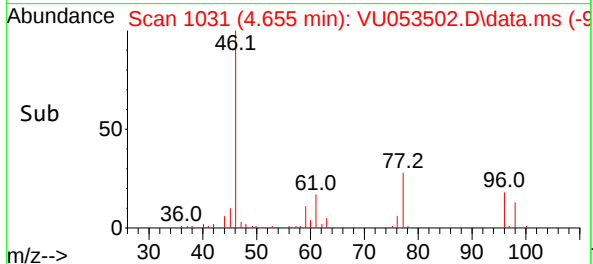
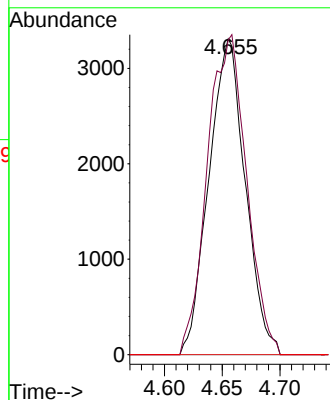
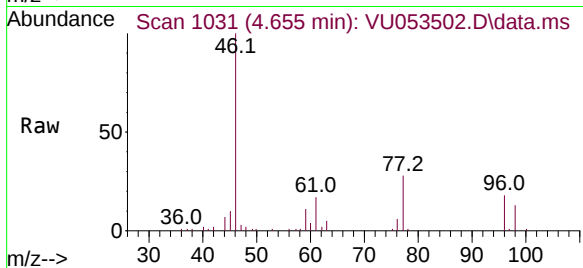




#20
 cis-1,2-Dichloroethene
 Concen: 2.927 ug/L
 RT: 4.655 min Scan# 1031
 Delta R.T. -0.006 min
 Lab File: VU053502.D
 Acq: 31 Mar 2023 19:22

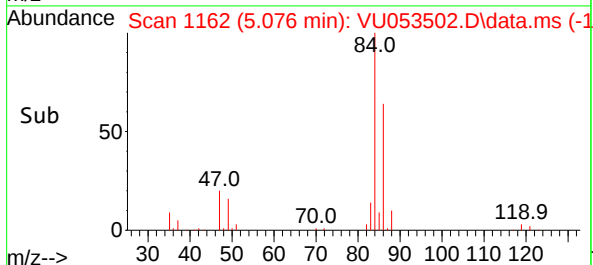
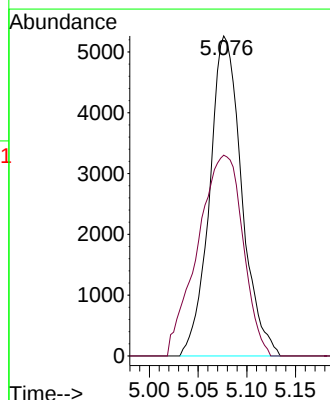
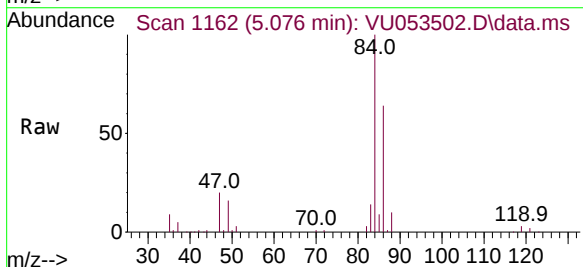
Instrument :
 MSVOA_W
 ClientSampleId :

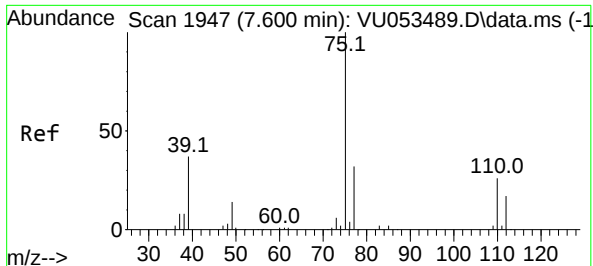
Tgt Ion: 96	Resp: 7250
Ion Ratio	Lower Upper
96 100	
61 99.6	74.7 138.7
68 0.0	0.0 0.0



#25
 Chloroform
 Concen: 2.963 ug/L
 RT: 5.076 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: VU053502.D
 Acq: 31 Mar 2023 19:22

Tgt Ion: 83	Resp: 12074		
Ion Ratio	Lower	Upper	
83 100			
85 62.8	46.1	85.5	





#39

cis-1,3-Dichloropropene

Concen: 1.549 ug/L

RT: 7.559 min Scan# 1947

Delta R.T. -0.042 min

Lab File: VU053502.D

Acq: 31 Mar 2023 19:22

Instrument :

MSVOA_W

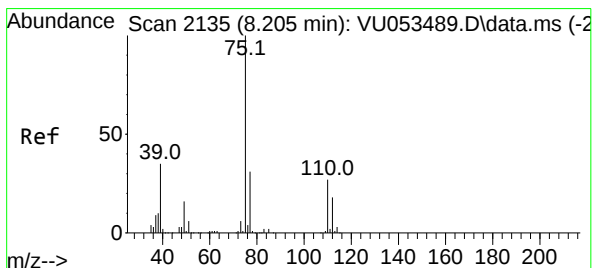
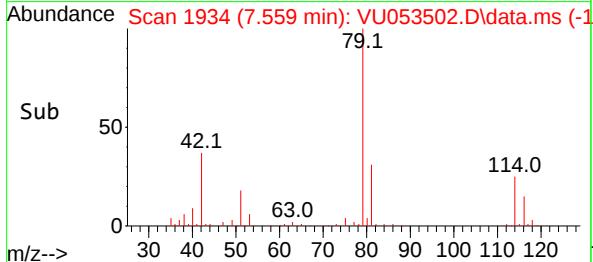
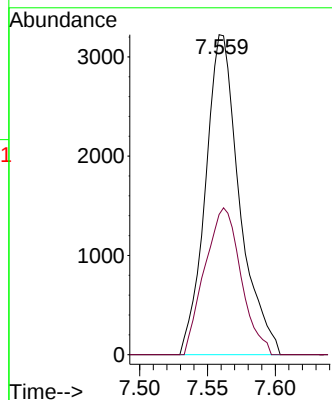
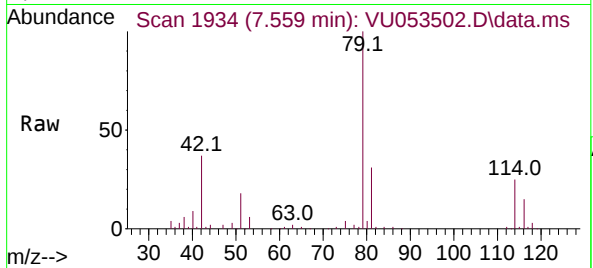
ClientSampleId :

Tgt Ion: 75 Resp: 5635

Ion Ratio Lower Upper

75 100

77 43.8 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 1.230 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053502.D

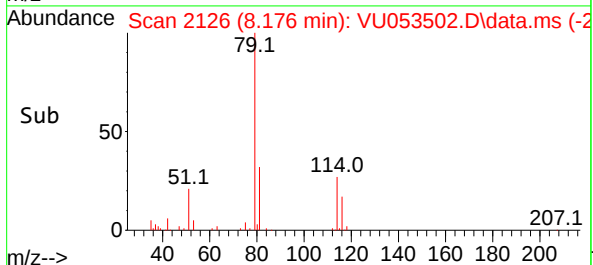
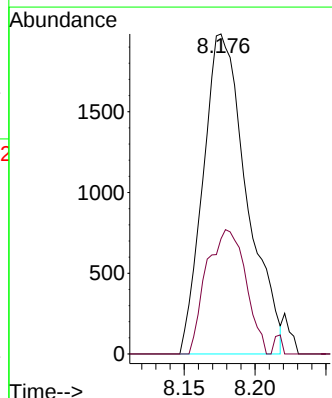
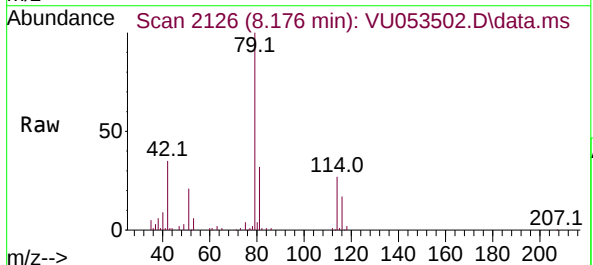
Acq: 31 Mar 2023 19:22

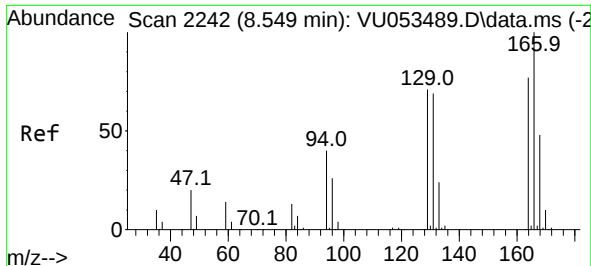
Tgt Ion: 75 Resp: 4232

Ion Ratio Lower Upper

75 100

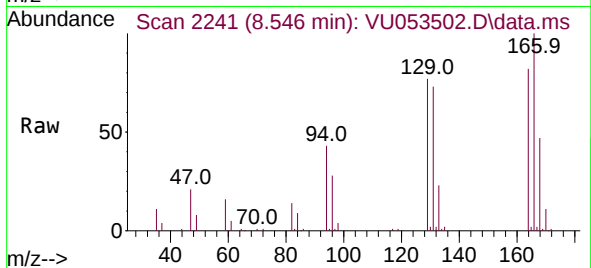
77 36.0 21.8 40.4



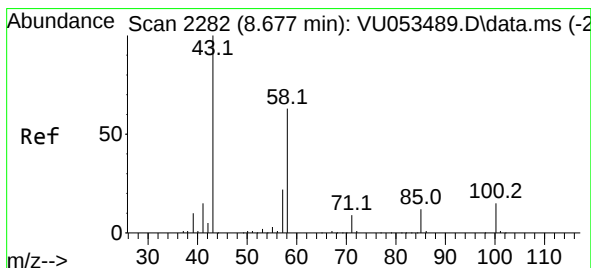
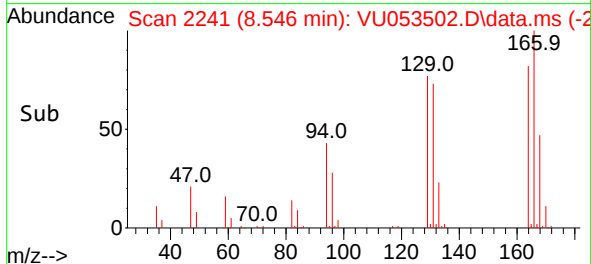
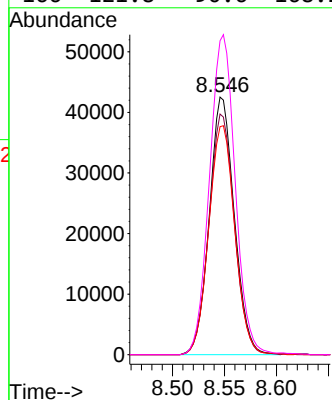


#46
Tetrachloroethene
Concen: 32.407 ug/L
RT: 8.546 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU053502.D
Acq: 31 Mar 2023 19:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 71316
Ion Ratio Lower Upper
164 100
129 93.4 64.0 119.0
131 88.5 61.9 115.1
166 121.8 90.6 168.2



#48
2-Hexanone
Concen: 8.787 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.035 min
Lab File: VU053502.D
Acq: 31 Mar 2023 19:22

Tgt Ion: 43 Resp: 17197
Ion Ratio Lower Upper
43 100
58 31.3 49.8 74.6#
57 28.0 17.8 26.6#
100 0.0 12.0 18.0#

