

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055881.D
 Acq On : 25 Oct 2023 15:56
 Operator : MD/SY
 Sample : 04952-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 01:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

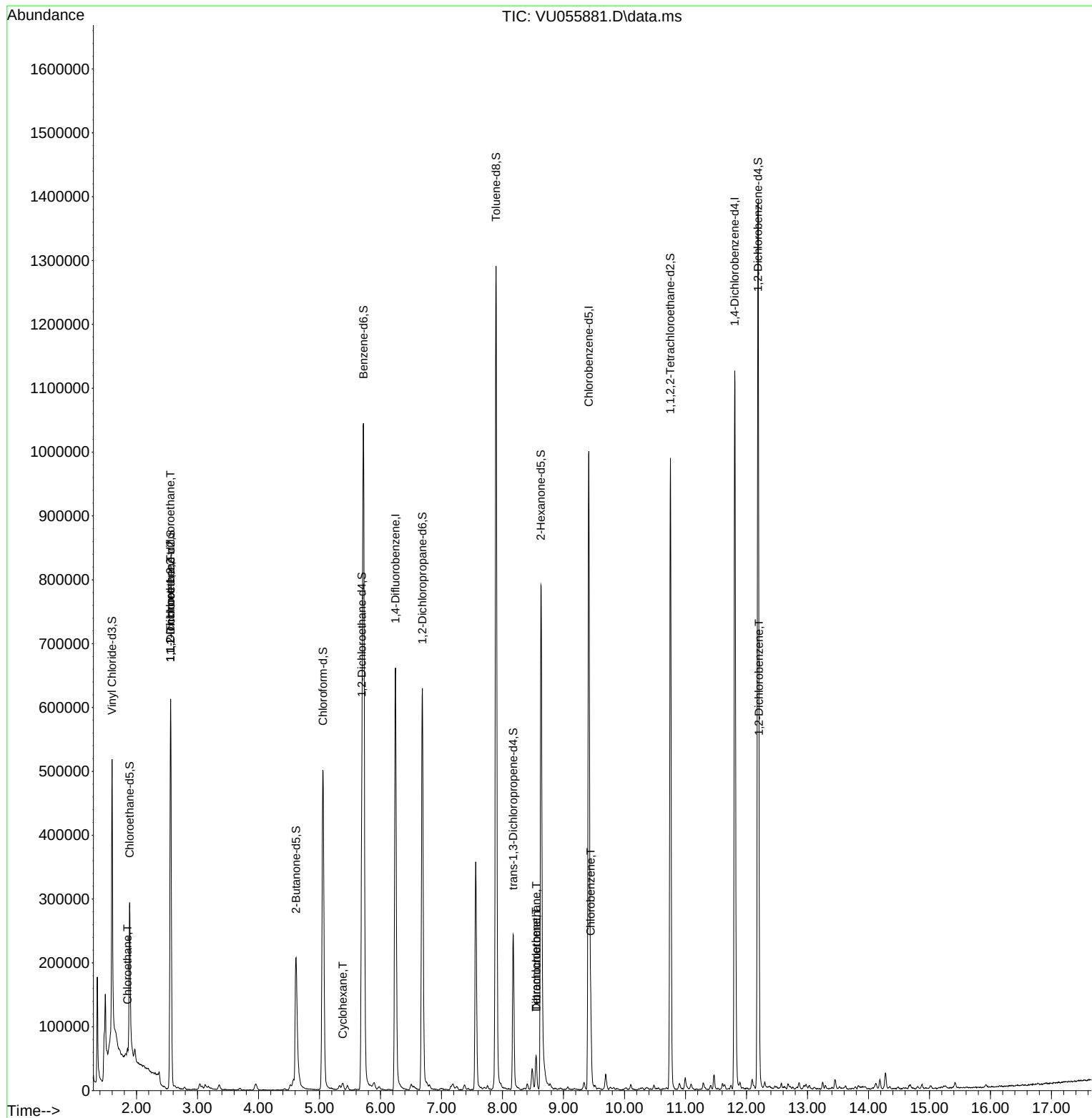
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	553581	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	561004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	296795	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	273462	55.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.140%		
7) Chloroethane-d5		1.888	69	218176	53.754	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.500%		
11) 1,1-Dichloroethene-d2		2.560	63	362806	40.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 81.960%		
21) 2-Butanone-d5		4.615	46	322637	87.690	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 87.690%		
24) Chloroform-d		5.055	84	480889	50.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.040%		
26) 1,2-Dichloroethane-d4		5.695	65	307000	52.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.800%		
32) Benzene-d6		5.721	84	1008401	56.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.360%		
36) 1,2-Dichloropropane-d6		6.685	67	309102	54.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 108.800%		
41) Toluene-d8		7.894	98	886830	54.716	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.440%		
43) trans-1,3-Dichloroprop...		8.174	79	146043	53.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.000%		
47) 2-Hexanone-d5		8.631	63	295447	132.255	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 132.250%#		
56) 1,1,2,2-Tetrachloroeth...		10.753	84	489191	55.929	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.860%		
66) 1,2-Dichlorobenzene-d4		12.190	152	366006	62.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.280%#		
Target Compounds							
						Qvalue	
8) Chloroethane		1.853	64	11564	3.673	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...		2.557	101	3274	0.742	ug/L #	22
12) 1,1-Dichloroethene		2.557	96	2982	0.760	ug/L #	1
29) Cyclohexane		5.380	56	5157	0.802	ug/L #	80
46) Tetrachloroethene		8.550	164	11752	3.383	ug/L	96
49) Dibromochloromethane		8.553	129	12133	2.466	ug/L #	11
51) Chlorobenzene		9.444	112	70167	5.796	ug/L	99
67) 1,2-Dichlorobenzene		12.206	146	9507	1.047	ug/L #	92

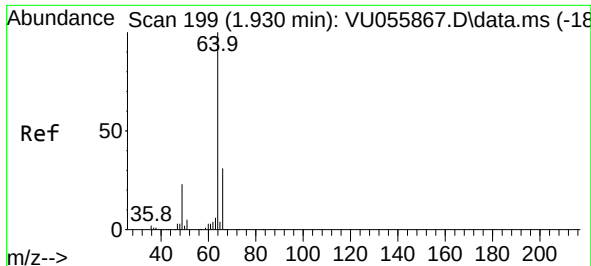
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 26 01:50:39 2023
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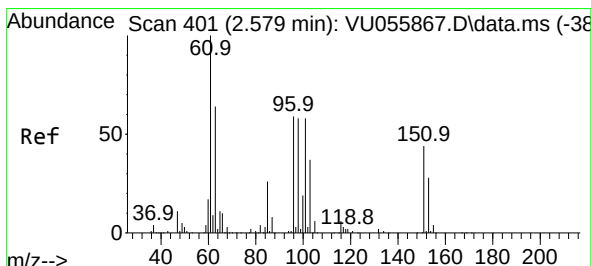
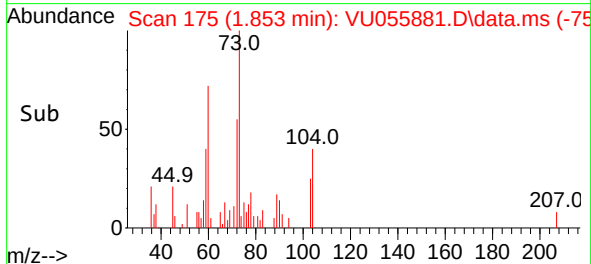
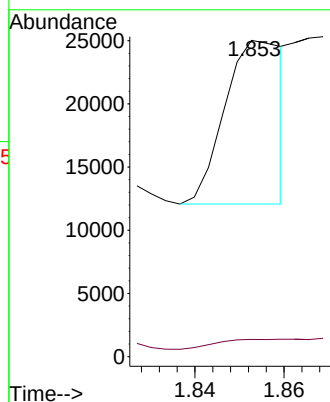
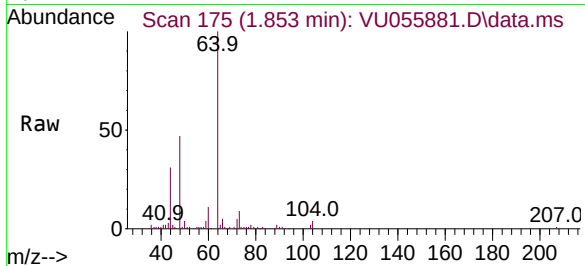




#8
Chloroethane
Concen: 3.673 ug/L
RT: 1.853 min Scan# 11
Delta R.T. -0.077 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

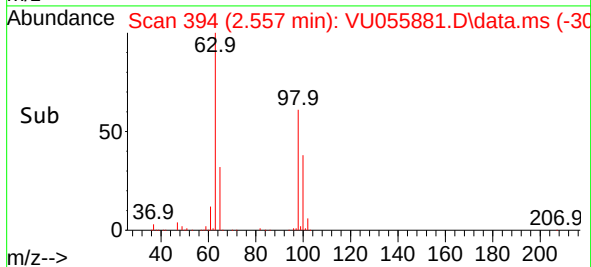
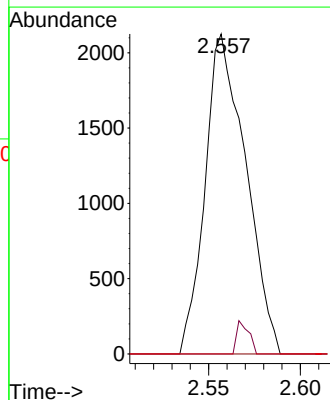
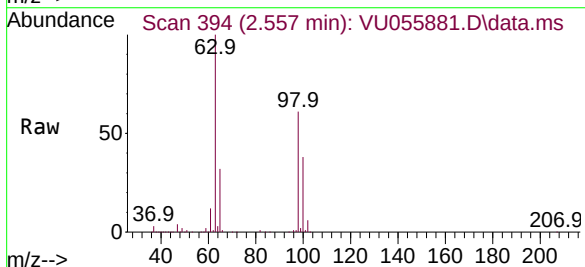
Instrument :
MSVOA_U
ClientSampleId :

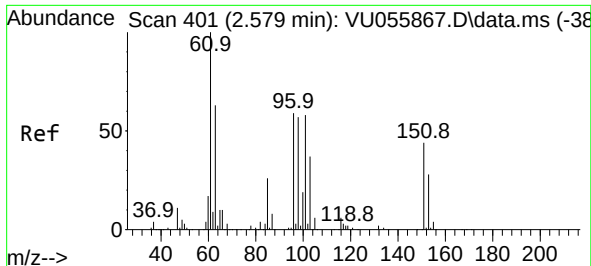
Tgt Ion: 64 Resp: 11564
Ion Ratio Lower Upper
64 100
66 5.4 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.023 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

Tgt Ion:101 Resp: 3274
Ion Ratio Lower Upper
101 100
85 3.1 37.1 55.7#
151 0.0 58.2 87.4#





#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.023 min

Lab File: VU055881.D

Acq: 25 Oct 2023 15:56

Instrument :

MSVOA_U

ClientSampleId :

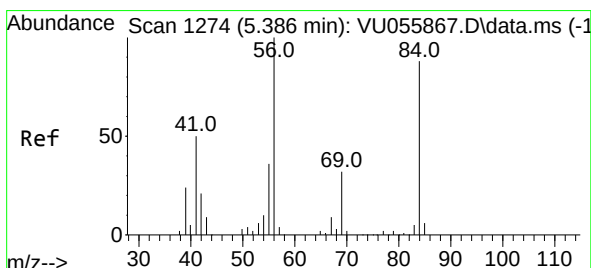
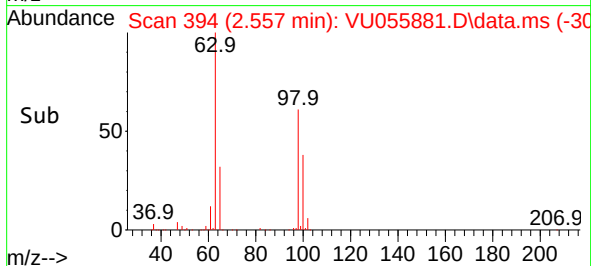
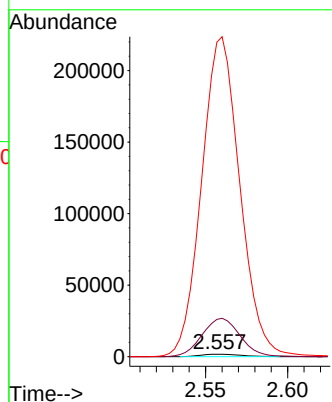
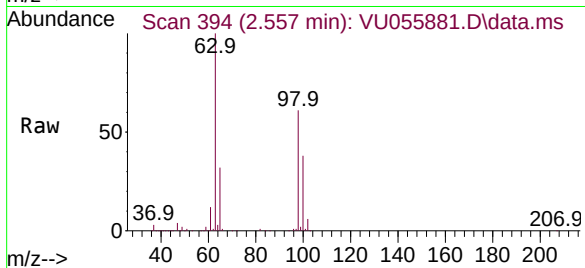
Tgt Ion: 96 Resp: 2982

Ion Ratio Lower Upper

96 100

61 1510.0 122.0 226.6#

63 12748.0 93.7 174.1#



#29

Cyclohexane

Concen: 0.802 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VU055881.D

Acq: 25 Oct 2023 15:56

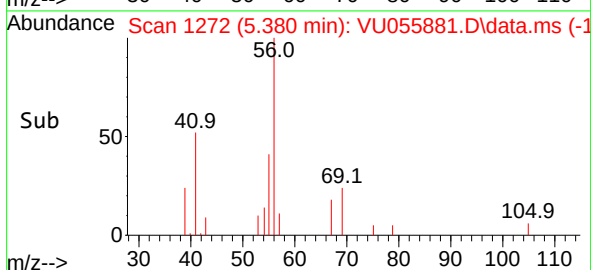
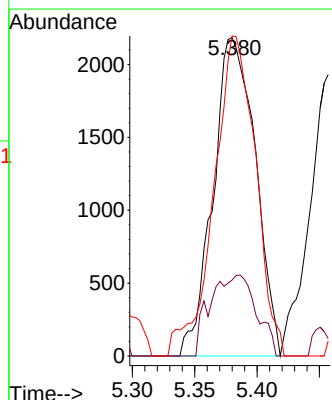
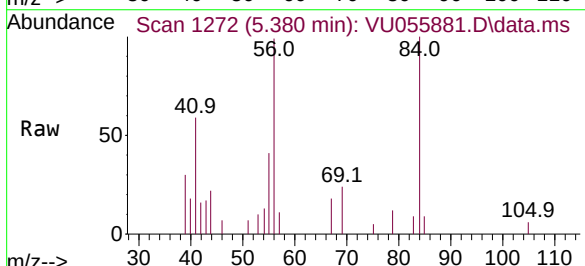
Tgt Ion: 56 Resp: 5157

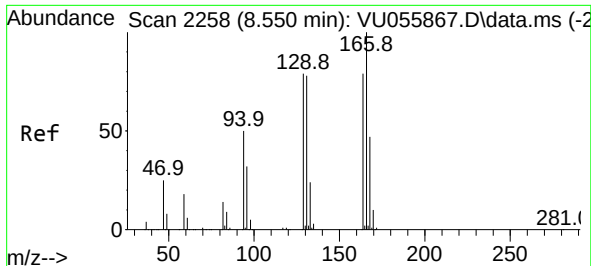
Ion Ratio Lower Upper

56 100

69 3.4 24.9 37.3#

84 97.2 70.7 106.1

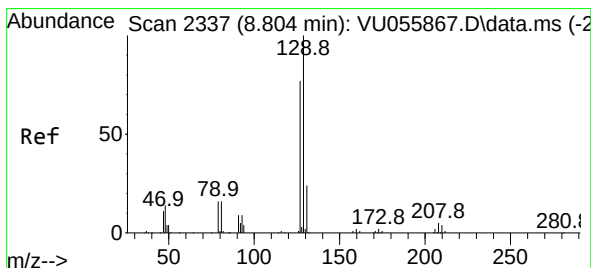
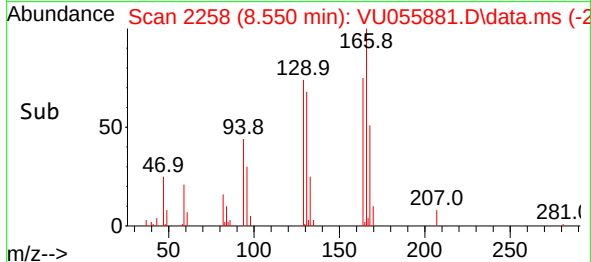
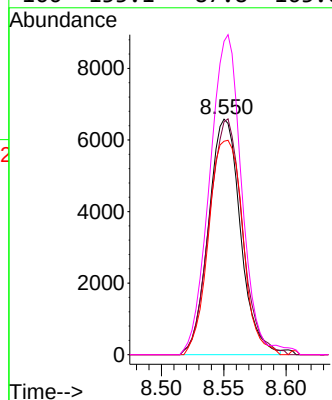
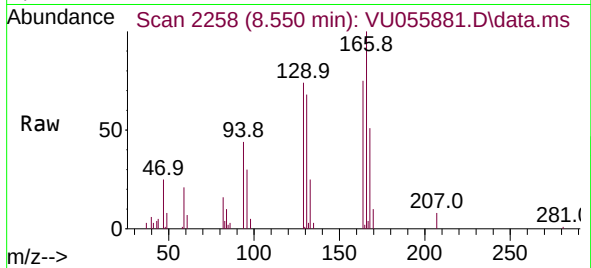




#46
Tetrachloroethene
Concen: 3.383 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

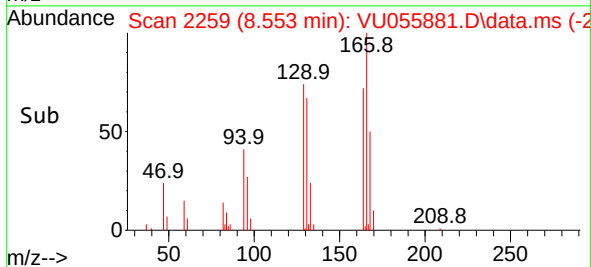
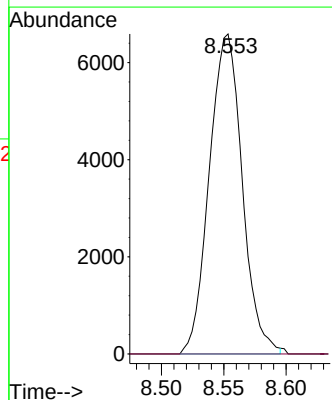
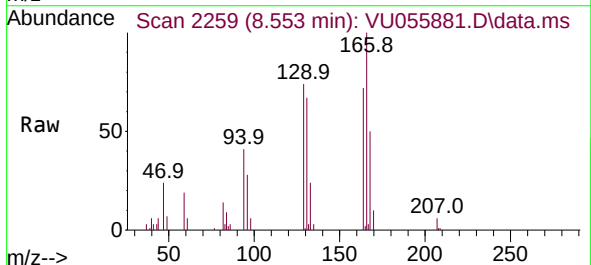
Instrument :
MSVOA_U
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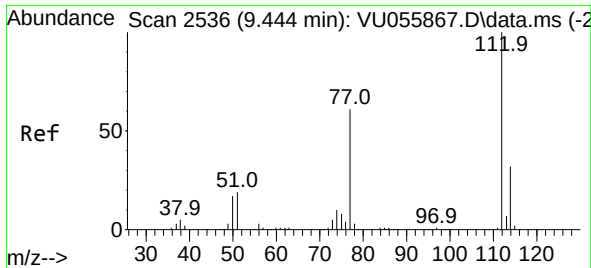
Tgt Ion:164 Resp: 11752
Ion Ratio Lower Upper
164 100
129 100.5 70.7 131.3
131 90.6 65.9 122.5
166 133.1 87.8 163.0



#49
Dibromochloromethane
Concen: 2.466 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

Tgt Ion:129 Resp: 12133
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#

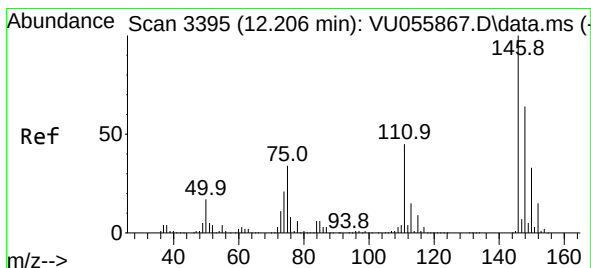
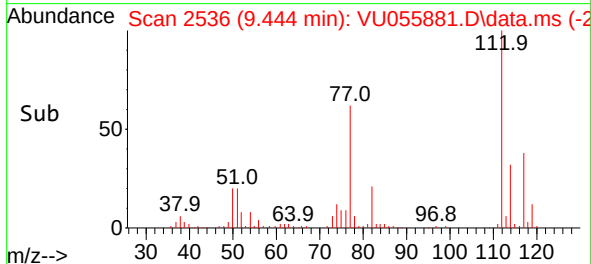
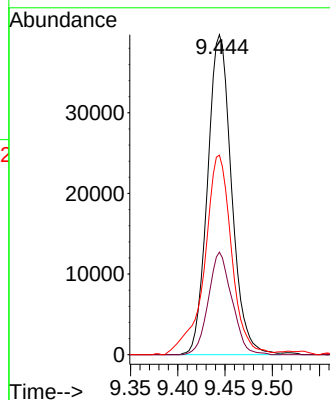
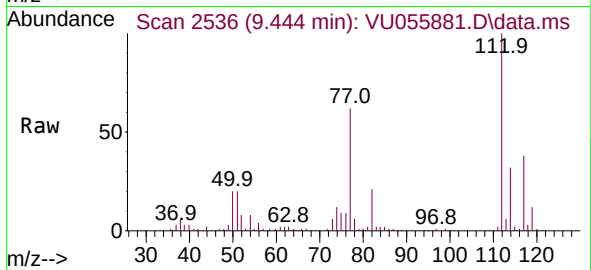




#51
Chlorobenzene
Concen: 5.796 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 70167
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 62.3 49.0 73.6



#67
1,2-Dichlorobenzene
Concen: 1.047 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

Tgt Ion:146 Resp: 9507
Ion Ratio Lower Upper
146 100
111 55.0 35.2 52.8#
148 63.5 52.3 78.5

