

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055880.D
 Acq On : 25 Oct 2023 15:33
 Operator : MD/SY
 Sample : 04952-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 01:53:50 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)

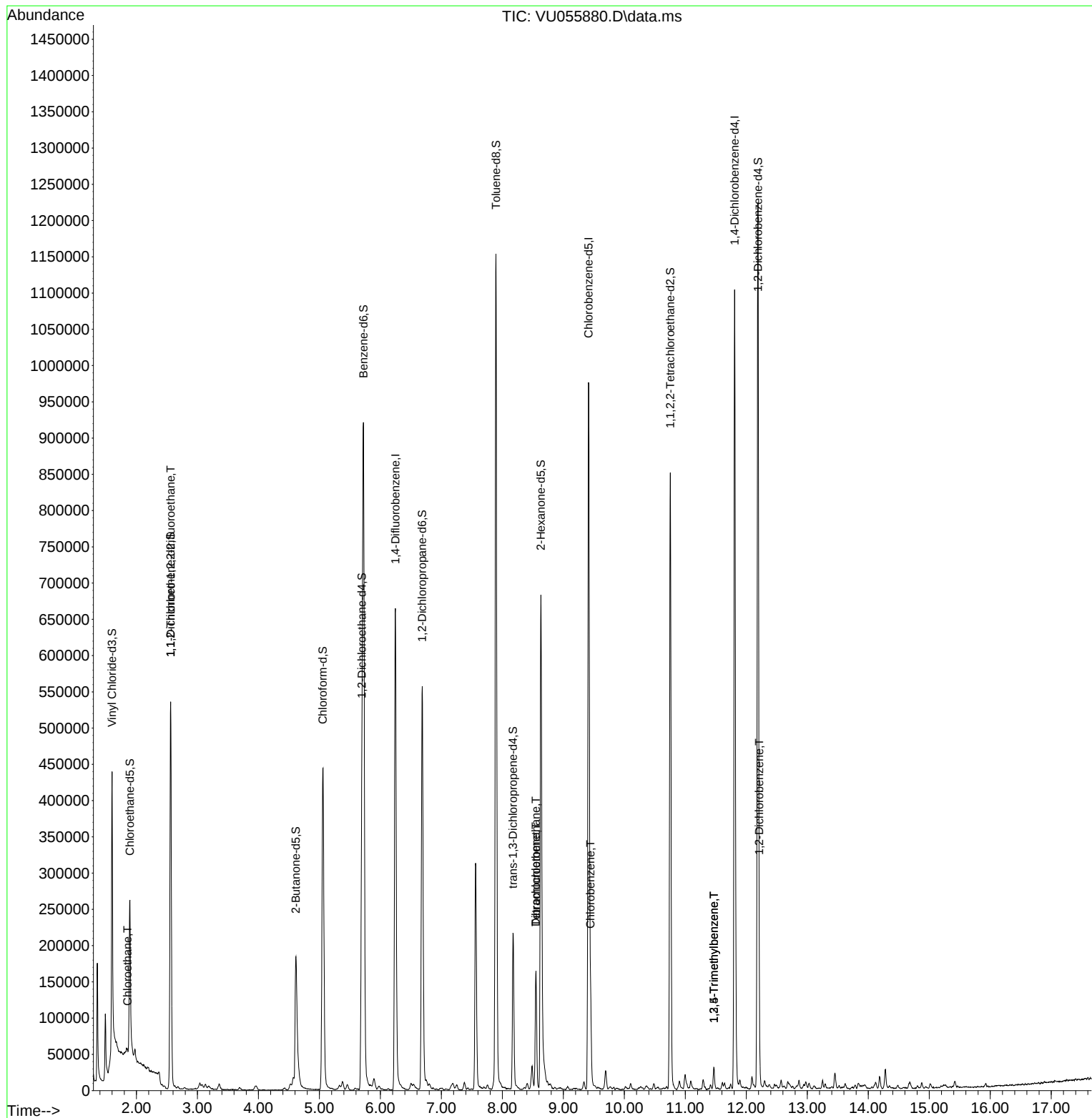
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	545793	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	549773	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	289527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	238309	48.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.360%		
7) Chloroethane-d5	1.891	69	194037	48.488	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.980%		
11) 1,1-Dichloroethene-d2	2.560	63	321743	36.859	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.720%		
21) 2-Butanone-d5	4.612	46	275322	75.898	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.900%		
24) Chloroform-d	5.055	84	426433	45.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
26) 1,2-Dichloroethane-d4	5.695	65	273138	47.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
32) Benzene-d6	5.721	84	890255	50.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.220%		
36) 1,2-Dichloropropane-d6	6.685	67	278532	50.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.040%		
41) Toluene-d8	7.894	98	780326	49.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.260%		
43) trans-1,3-Dichloroprop...	8.174	79	127406	47.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.260%		
47) 2-Hexanone-d5	8.631	63	254919	116.444	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.440%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	431075	50.291	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.580%		
66) 1,2-Dichlorobenzene-d4	12.190	152	322513	56.133	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.260%		
Target Compounds						Qvalue
8) Chloroethane	1.853	64	16507	5.318	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	3402	0.782	ug/L #	20
46) Tetrachloroethene	8.550	164	36242	10.645	ug/L	97
49) Dibromochloromethane	8.550	129	36574	7.586	ug/L #	11
51) Chlorobenzene	9.444	112	66364	5.593	ug/L	98
62) 1,3,5-Trimethylbenzene	11.467	105	17062	1.168	ug/L	90
63) 1,2,4-Trimethylbenzene	11.467	105	17062	1.181	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	8743	0.987	ug/L #	84

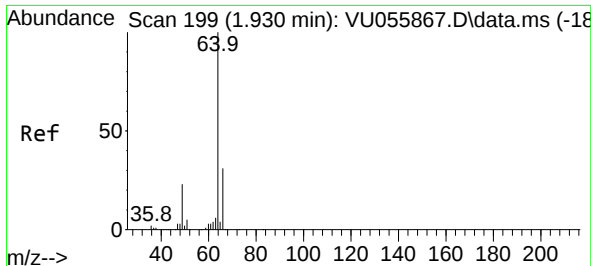
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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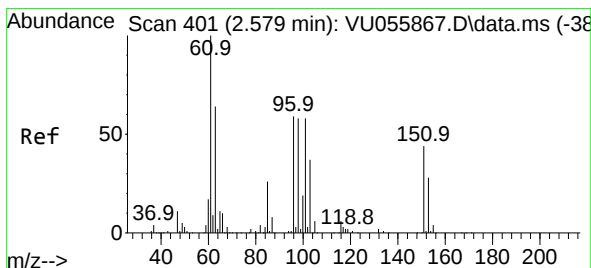
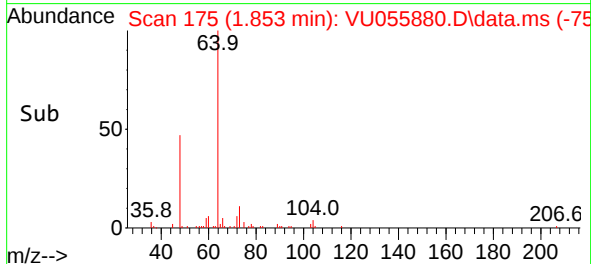
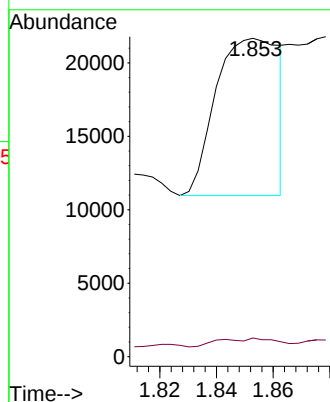
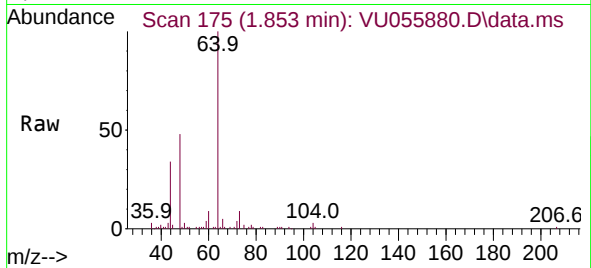




#8
Chloroethane
Concen: 5.318 ug/L
RT: 1.853 min Scan# 11
Delta R.T. -0.077 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

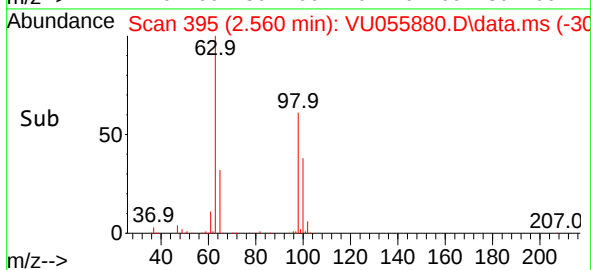
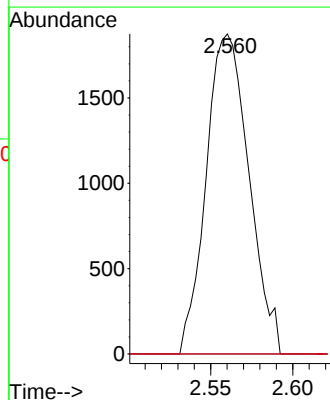
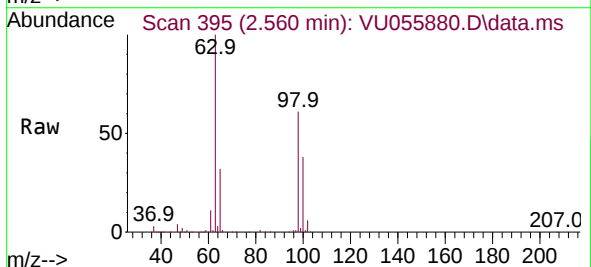
Instrument :
MSVOA_U
ClientSampleId :

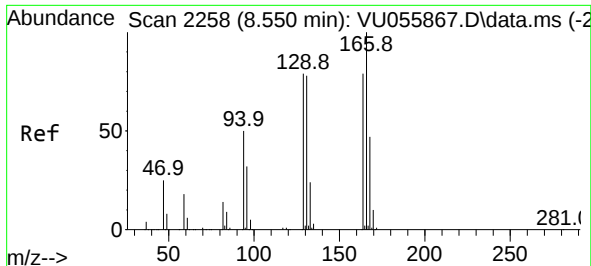
Tgt Ion: 64 Resp: 16507
Ion Ratio Lower Upper
64 100
66 5.9 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.782 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.019 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

Tgt Ion:101 Resp: 3402
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 58.2 87.4#

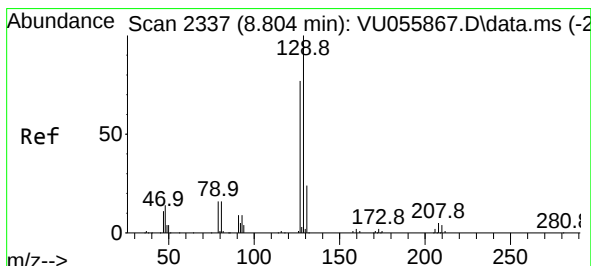
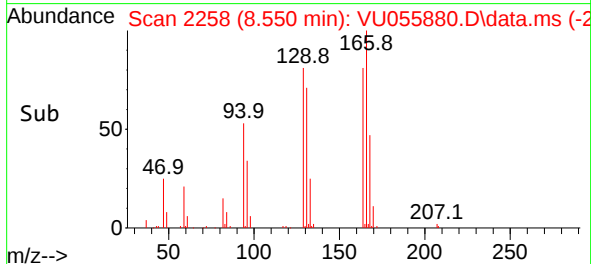
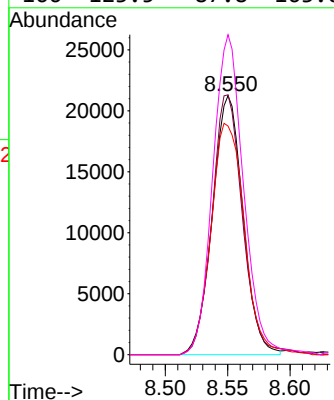
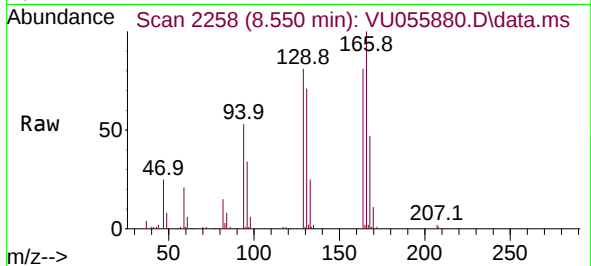




#46
Tetrachloroethene
Concen: 10.645 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

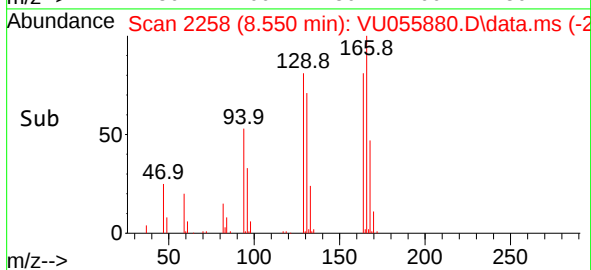
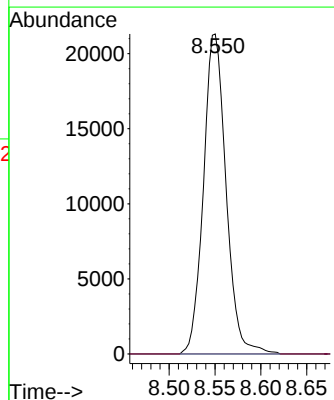
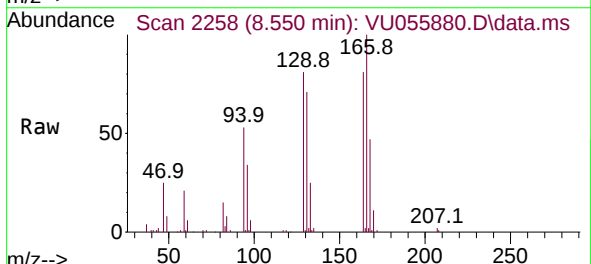
Instrument :
MSVOA_U
ClientSampleId :

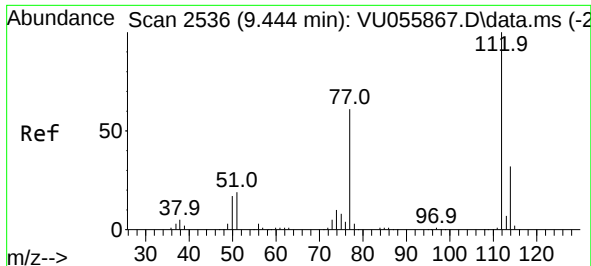
Tgt Ion:164 Resp: 36242
Ion Ratio Lower Upper
164 100
129 100.3 70.7 131.3
131 88.3 65.9 122.5
166 123.5 87.8 163.0



#49
Dibromochloromethane
Concen: 7.586 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

Tgt Ion:129 Resp: 36574
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#

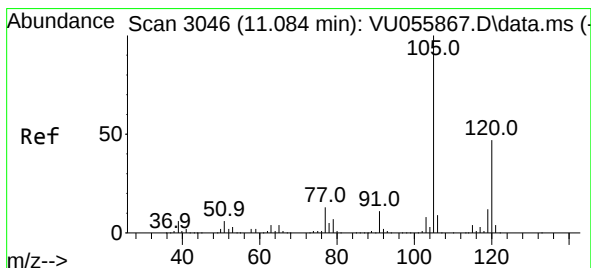
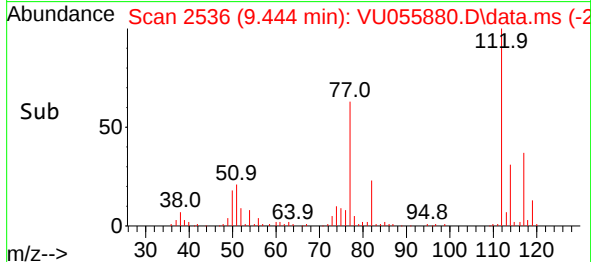
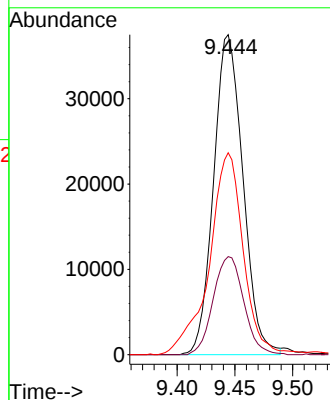
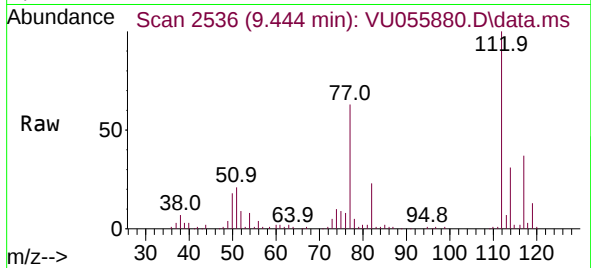




#51
Chlorobenzene
Concen: 5.593 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

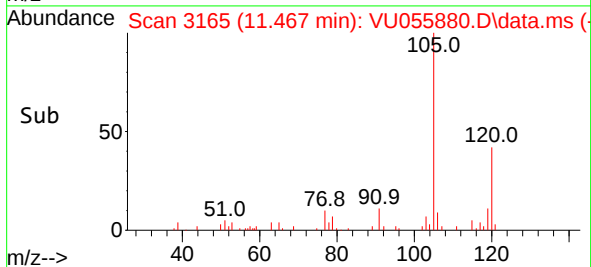
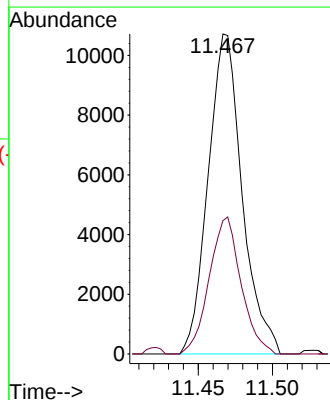
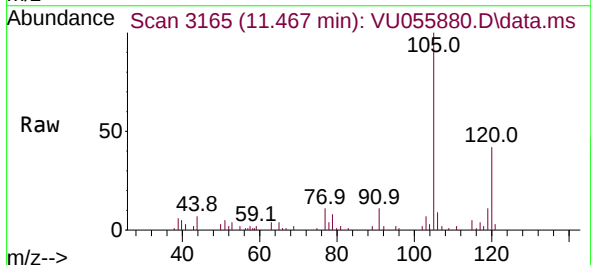
Instrument :
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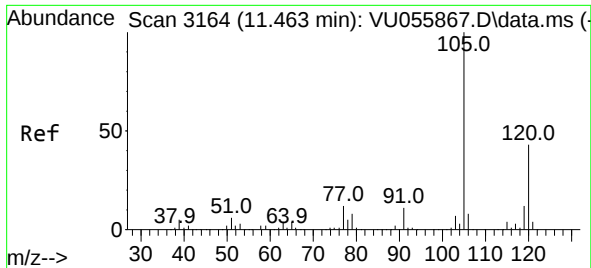
Tgt Ion:112 Resp: 66364
Ion Ratio Lower Upper
112 100
114 32.5 22.0 40.8
77 63.1 49.0 73.6



#62
1,3,5-Trimethylbenzene
Concen: 1.168 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.383 min
Lab File: VU055880.D
Acq: 25 Oct 2023 15:33

Tgt Ion:105 Resp: 17062
Ion Ratio Lower Upper
105 100
120 40.1 37.7 56.5

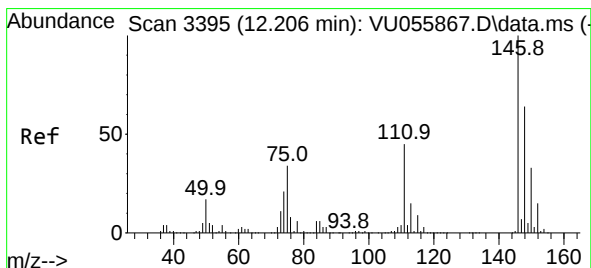
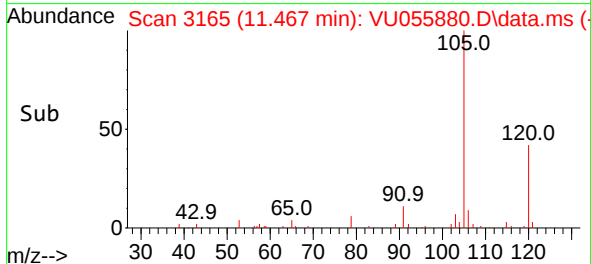
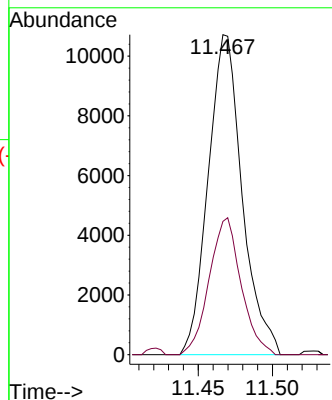
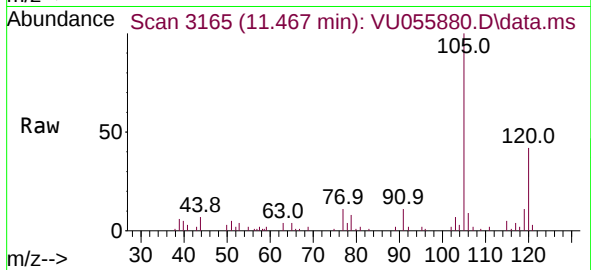




#63
 1,2,4-Trimethylbenzene
 Concen: 1.181 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055880.D
 Acq: 25 Oct 2023 15:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 17062
 Ion Ratio Lower Upper
 105 100
 120 40.1 35.0 52.4



#67
 1,2-Dichlorobenzene
 Concen: 0.987 ug/L
 RT: 12.209 min Scan# 3396
 Delta R.T. 0.003 min
 Lab File: VU055880.D
 Acq: 25 Oct 2023 15:33

Tgt Ion:146 Resp: 8743
 Ion Ratio Lower Upper
 146 100
 111 57.4 35.2 52.8#
 148 54.6 52.3 78.5

