

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051155.D
 Acq On : 06 Oct 2022 03:03
 Operator : JC/MD
 Sample : N4890-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E5

Quant Time: Oct 06 06:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

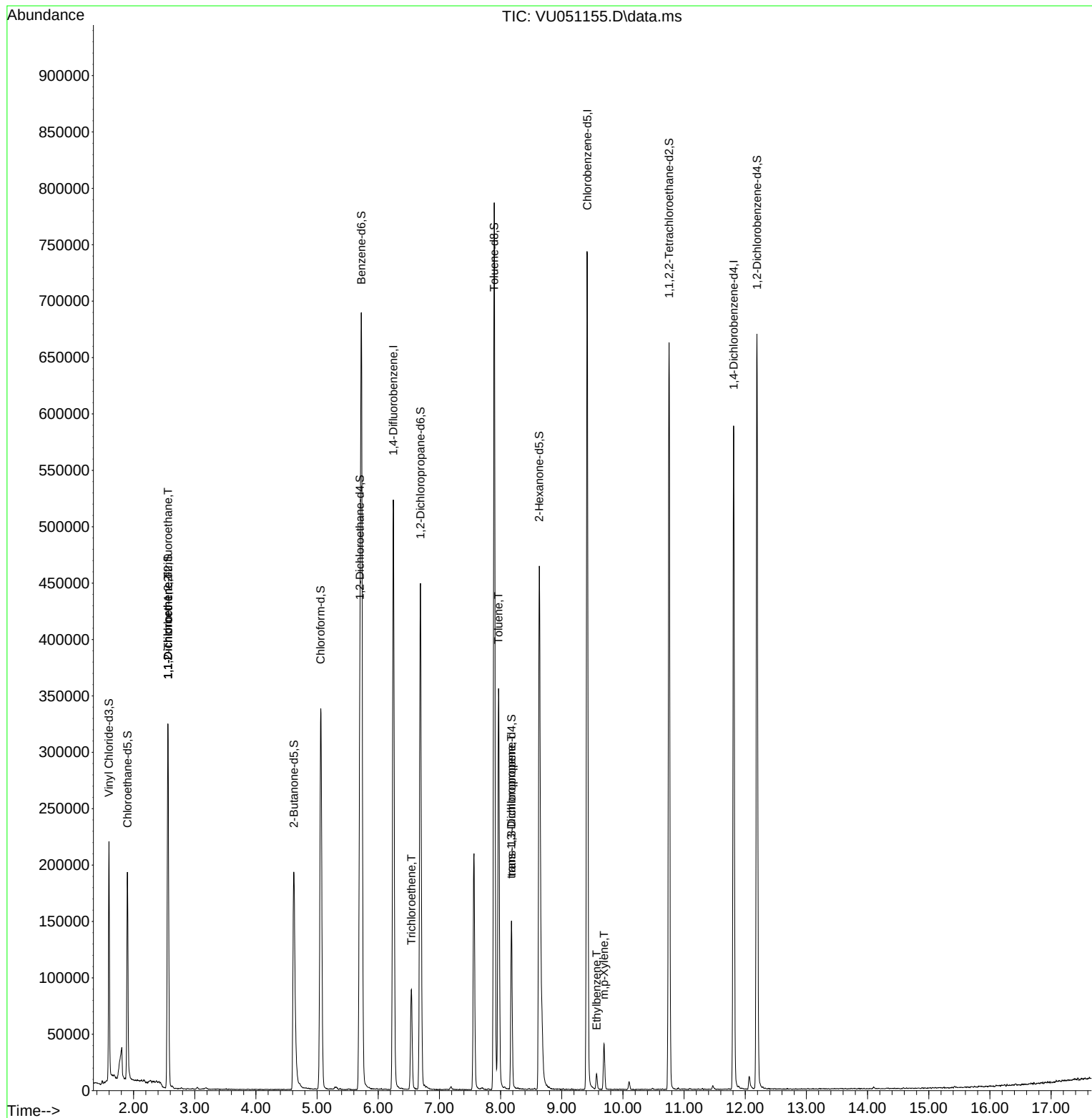
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	417533	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	420060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143685	33.956	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	67.920%	
7) Chloroethane-d5	1.900	69	143306	36.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	72.920%	
11) 1,1-Dichloroethene-d2	2.562	63	192670	30.824	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.640%	
21) 2-Butanone-d5	4.620	46	276539	100.762	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.760%	
24) Chloroform-d	5.060	84	322077	47.243	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.480%	
26) 1,2-Dichloroethane-d4	5.700	65	208791	49.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.960%	
32) Benzene-d6	5.726	84	641928	52.185	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.380%	
36) 1,2-Dichloropropane-d6	6.690	67	222232	55.676	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	111.360%	
41) Toluene-d8	7.896	98	524896	46.185	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.360%	
43) trans-1,3-Dichloroprop...	8.179	79	84165	44.208	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.420%	
47) 2-Hexanone-d5	8.632	63	138498	85.932	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.930%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	333879	47.861	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.720%	
66) 1,2-Dichlorobenzene-d4	12.192	152	181055	53.757	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.520%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1762	0.553	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1433	0.481	ug/L #	1
34) Trichloroethene	6.542	95	30875	9.308	ug/L	99
42) Toluene	7.967	91	264142	19.391	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	3335	0.675	ug/L #	77
52) Ethylbenzene	9.571	91	9157	0.630	ug/L	86
53) m,p-Xylene	9.690	106	12175	2.228	ug/L	89

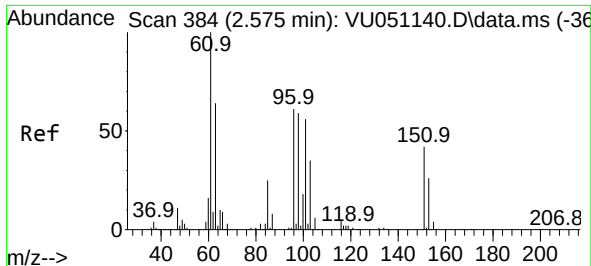
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

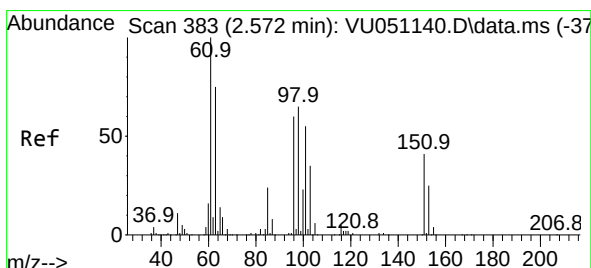
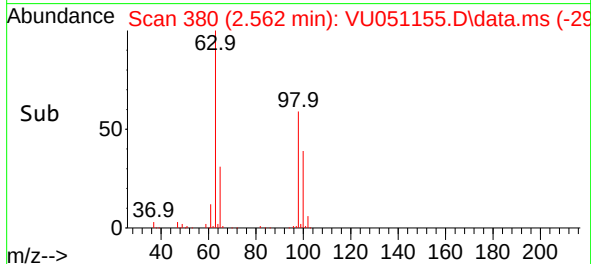
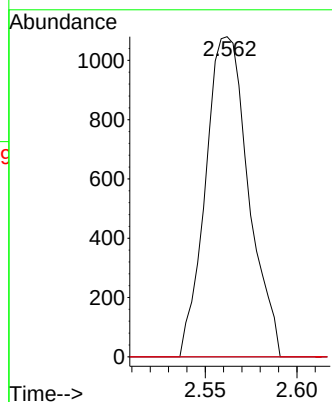
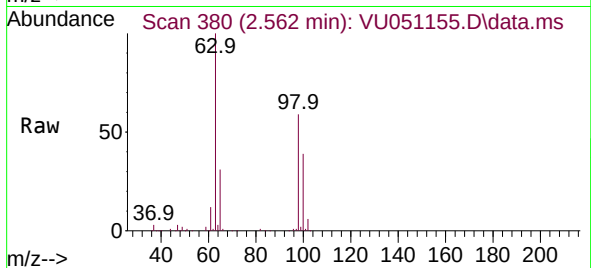




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.553 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051155.D
Acq: 06 Oct 2022 03:03

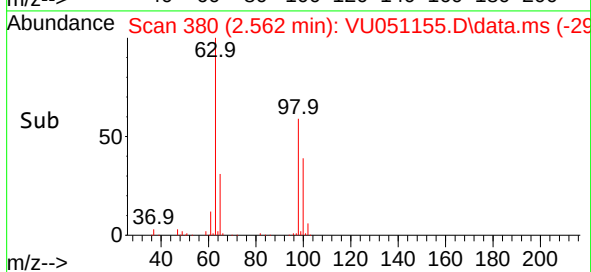
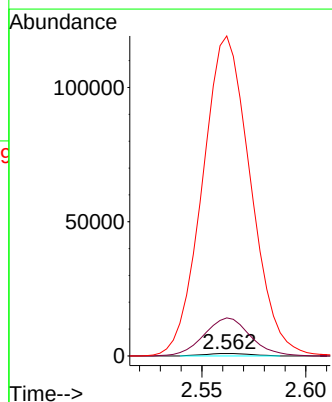
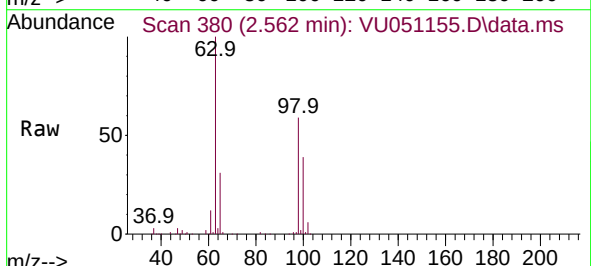
Instrument :
MSVOA_U
ClientSampleId :
EY0E5

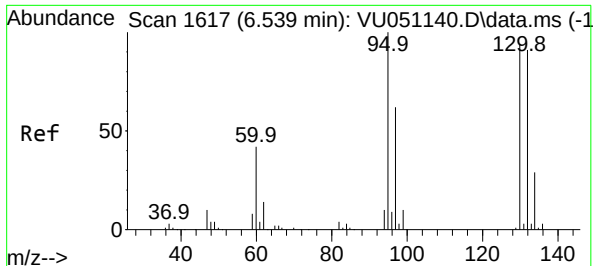
Tgt Ion:101 Resp: 1762
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.481 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.010 min
Lab File: VU051155.D
Acq: 06 Oct 2022 03:03

Tgt Ion: 96 Resp: 1433
Ion Ratio Lower Upper
96 100
61 1579.2 113.0 209.9#
63 13273.9 91.7 170.3#





#34

Trichloroethene

Concen: 9.308 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051155.D

Acq: 06 Oct 2022 03:03

Instrument :

MSVOA_U

ClientSampleId :

EY0E5

Tgt Ion: 95 Resp: 30875

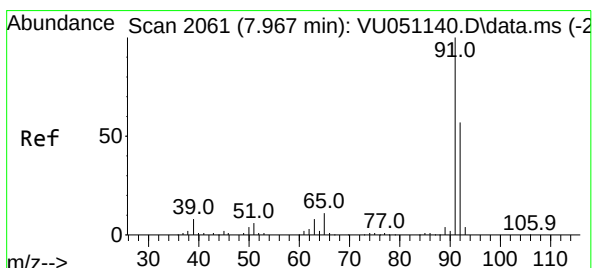
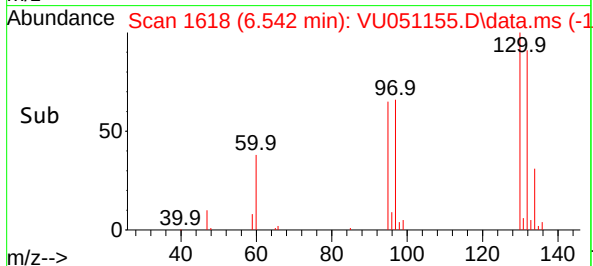
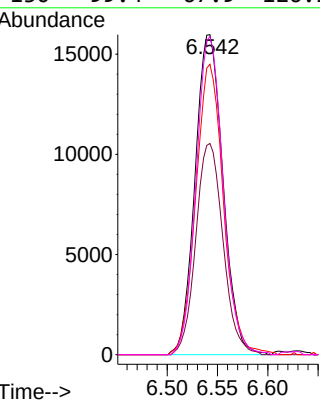
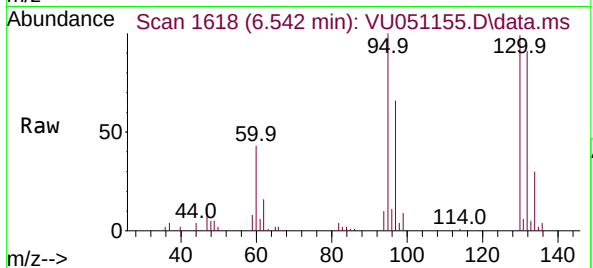
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 90.8 64.0 119.0

130 99.4 67.9 126.1



#42

Toluene

Concen: 19.391 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051155.D

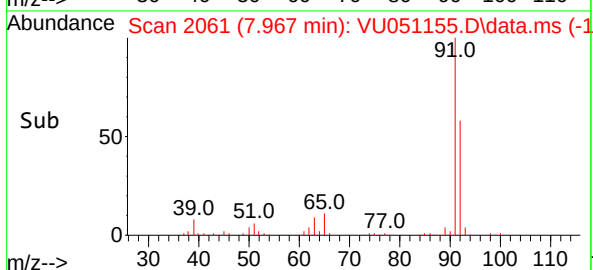
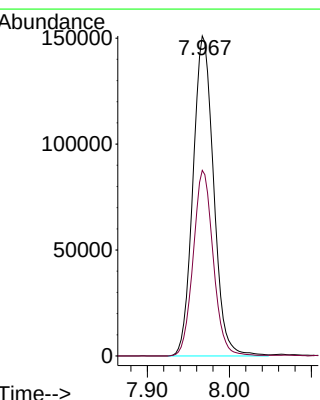
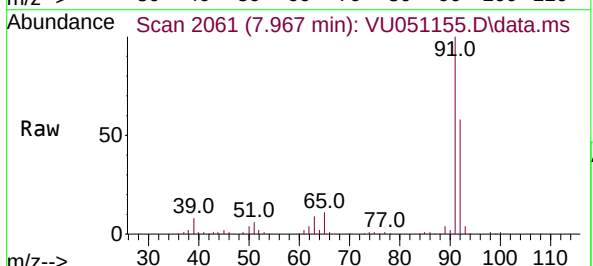
Acq: 06 Oct 2022 03:03

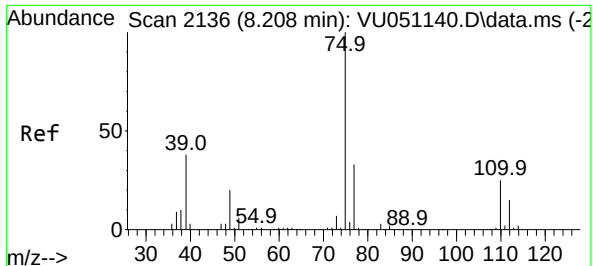
Tgt Ion: 91 Resp: 264142

Ion Ratio Lower Upper

91 100

92 58.0 40.1 74.5

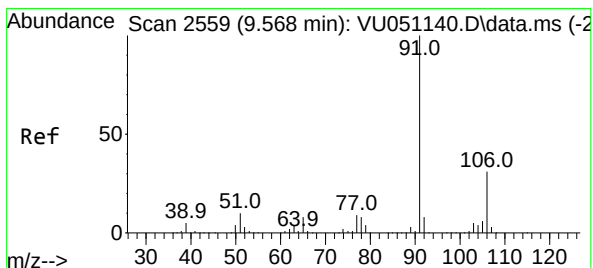
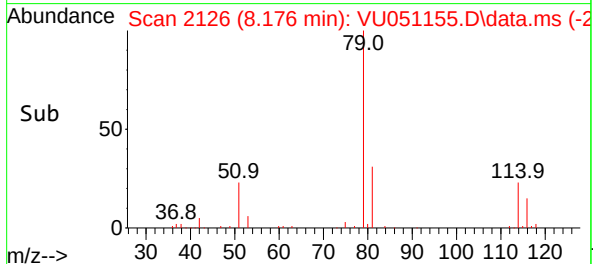
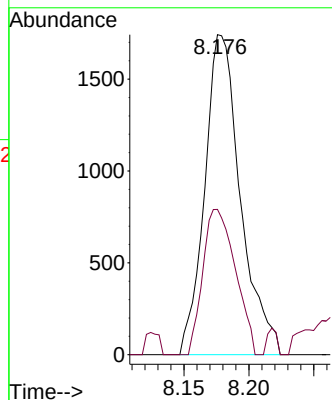
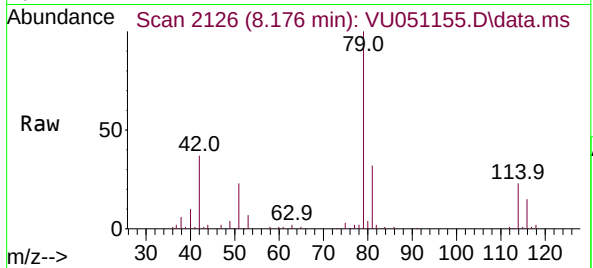




#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051155.D
Acq: 06 Oct 2022 03:03

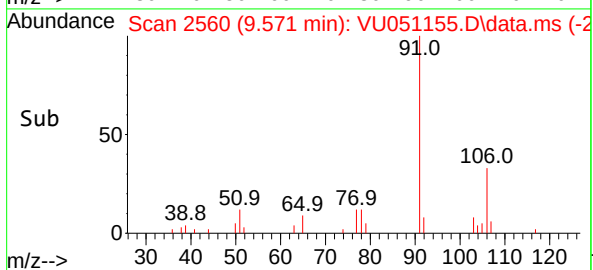
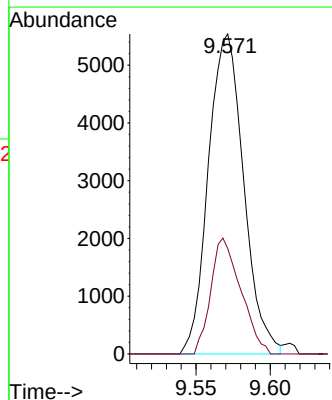
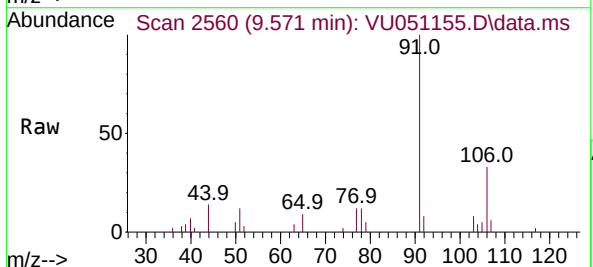
Instrument :
MSVOA_U
ClientSampleId :
EY0E5

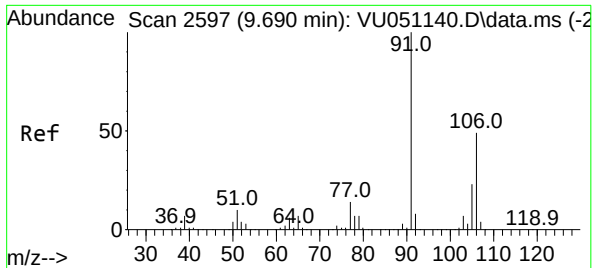
Tgt Ion: 75 Resp: 3335
Ion Ratio Lower Upper
75 100
77 45.4 22.7 42.3#



#52
Ethylbenzene
Concen: 0.630 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051155.D
Acq: 06 Oct 2022 03:03

Tgt Ion: 91 Resp: 9157
Ion Ratio Lower Upper
91 100
106 38.7 21.7 40.3





#53
 m,p-Xylene
 Concen: 2.228 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051155.D
 Acq: 06 Oct 2022 03:03

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E5

Tgt Ion:106 Resp: 12175
 Ion Ratio Lower Upper
 106 100
 91 185.4 141.9 263.5

