

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051157.D
 Acq On : 06 Oct 2022 03:50
 Operator : JC/MD
 Sample : N4890-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:34:19 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

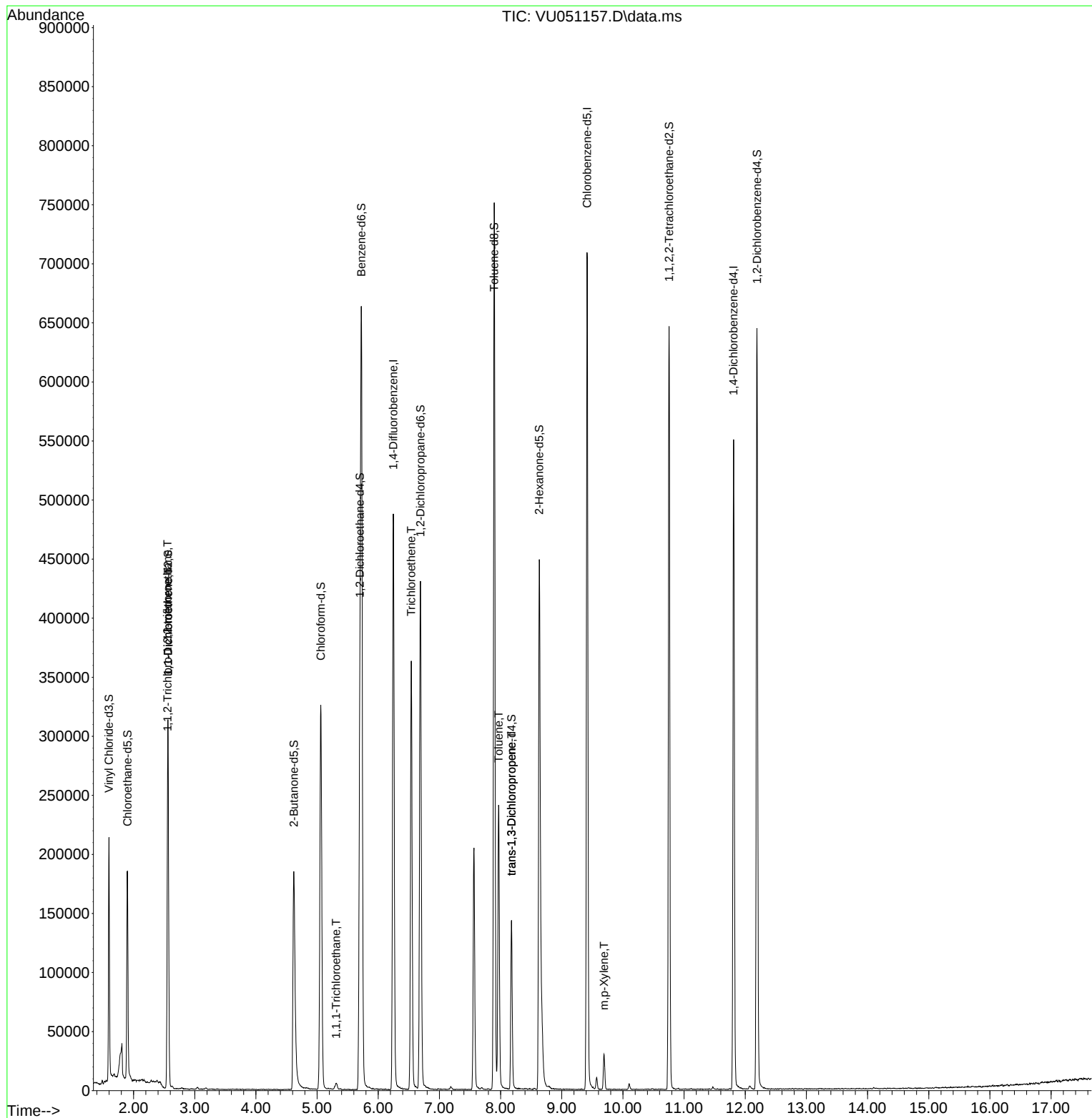
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	395988	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	398235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148403	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	139016	34.640	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.280%	
7) Chloroethane-d5	1.899	69	137265	36.821	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	73.640%	
11) 1,1-Dichloroethene-d2	2.562	63	185874	31.355	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.720%	
21) 2-Butanone-d5	4.620	46	264418	101.587	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.590%	
24) Chloroform-d	5.060	84	308109	47.653	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.300%	
26) 1,2-Dichloroethane-d4	5.700	65	199561	49.865	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.740%	
32) Benzene-d6	5.726	84	618748	53.058	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.120%	
36) 1,2-Dichloropropane-d6	6.690	67	217272	57.416	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	114.840%	
41) Toluene-d8	7.896	98	504733	46.845	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.680%	
43) trans-1,3-Dichloroprop...	8.179	79	81850	45.348	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.700%	
47) 2-Hexanone-d5	8.632	63	132335	86.608	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.610%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	329125	49.765	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.540%	
66) 1,2-Dichlorobenzene-d4	12.192	152	171127	53.978	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.960%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	1905	0.630	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1480	0.524	ug/L #	1
30) 1,1,1-Trichloroethane	5.311	97	3935	0.843	ug/L	93
34) Trichloroethene	6.539	95	125689	39.970	ug/L	100
42) Toluene	7.970	91	179007	13.862	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	3188	0.681	ug/L	91
53) m,p-Xylene	9.690	106	8456	1.632	ug/L	98

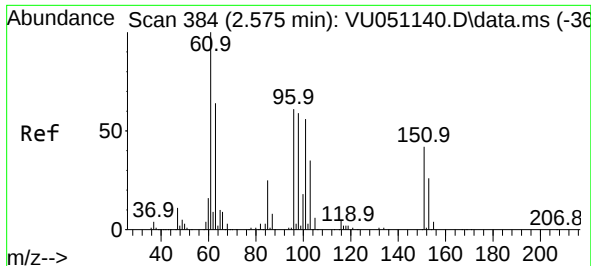
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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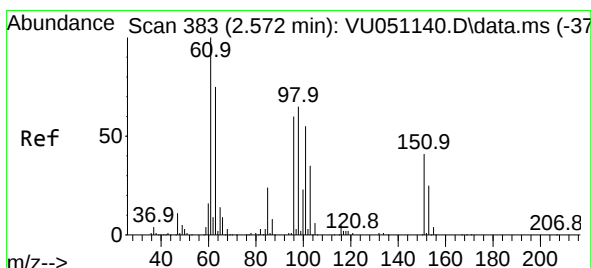
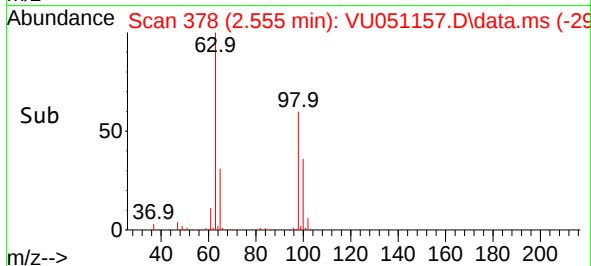
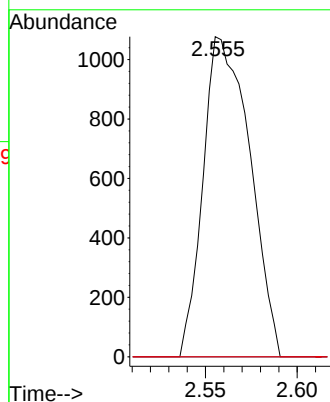
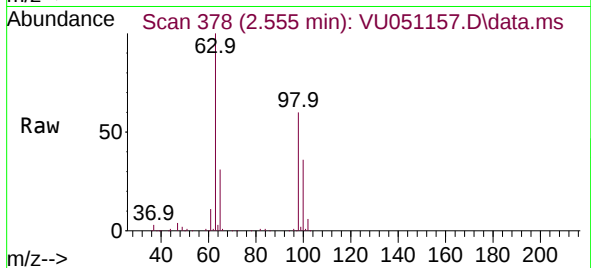




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.630 ug/L
RT: 2.555 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU051157.D
Acq: 06 Oct 2022 03:50

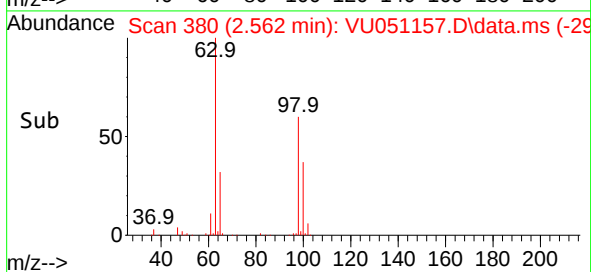
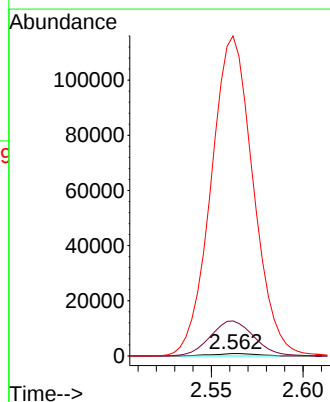
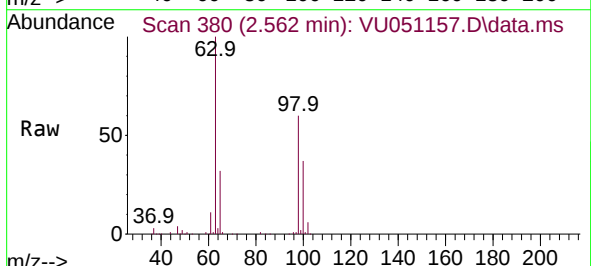
Instrument :
MSVOA_U
ClientSampleId :

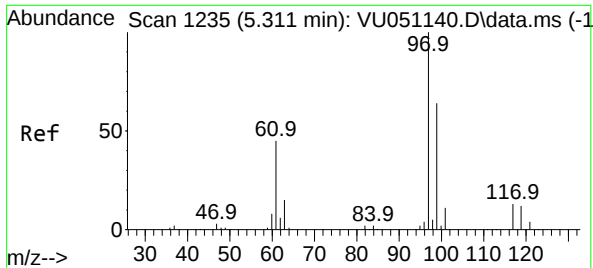
Tgt Ion:101 Resp: 1905
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.524 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.010 min
Lab File: VU051157.D
Acq: 06 Oct 2022 03:50

Tgt Ion: 96 Resp: 1480
Ion Ratio Lower Upper
96 100
61 1439.1 113.0 209.9#
63 13123.1 91.7 170.3#

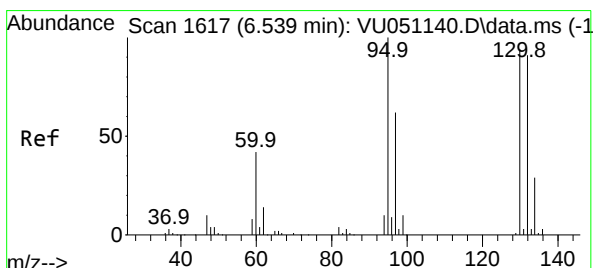
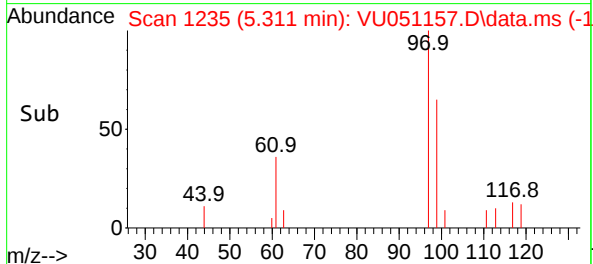
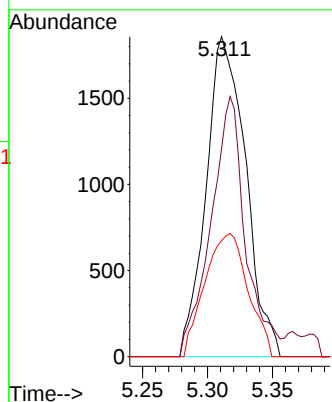
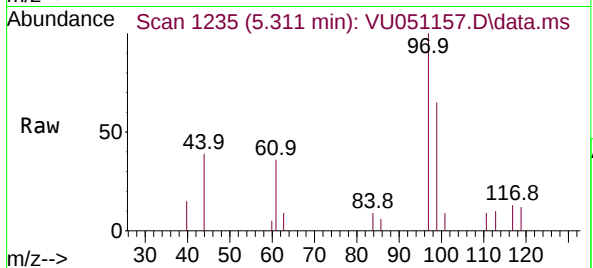




#30
1,1,1-Trichloroethane
Concen: 0.843 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051157.D
Acq: 06 Oct 2022 03:50

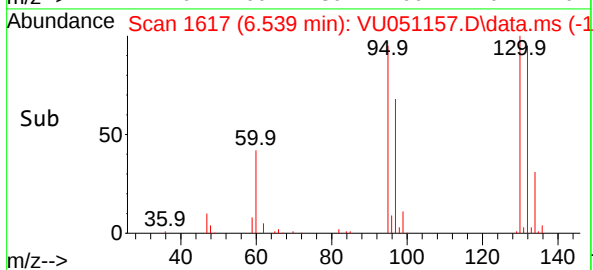
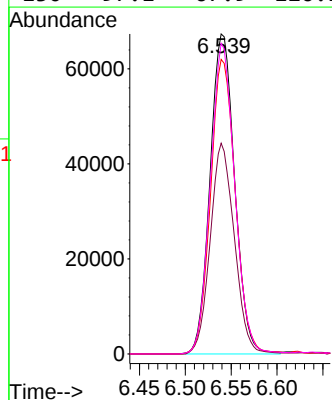
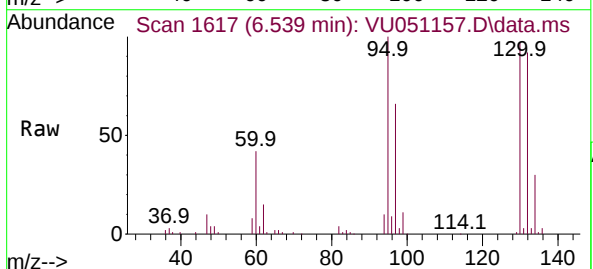
Instrument :
MSVOA_U
ClientSampleId :

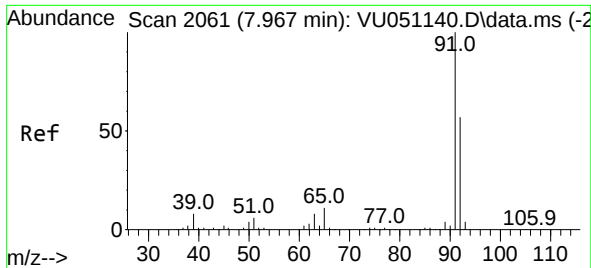
Tgt Ion: 97	Resp: 3935
Ion Ratio	Lower Upper
97 100	
99 71.1	51.4 77.2
61 42.0	36.0 54.0



#34
Trichloroethene
Concen: 39.970 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051157.D
Acq: 06 Oct 2022 03:50

Tgt Ion: 95	Resp: 125689
Ion Ratio	Lower Upper
95 100	
97 65.8	45.9 85.3
132 92.1	64.0 119.0
130 97.1	67.9 126.1





#42

Toluene

Concen: 13.862 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051157.D

Acq: 06 Oct 2022 03:50

Instrument :

MSVOA_U

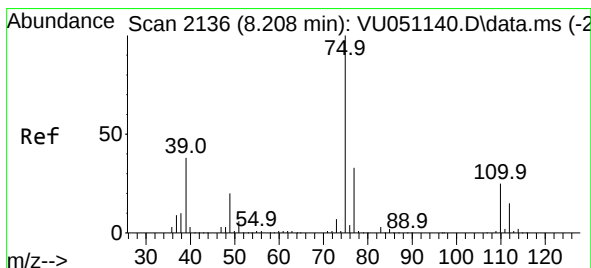
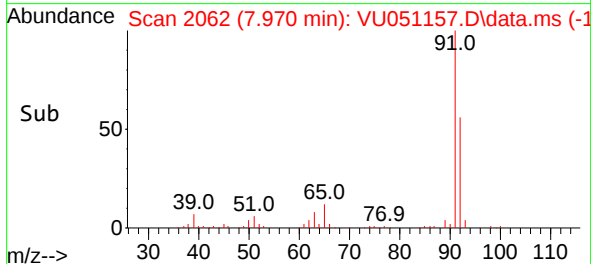
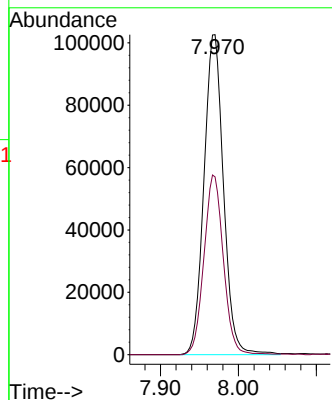
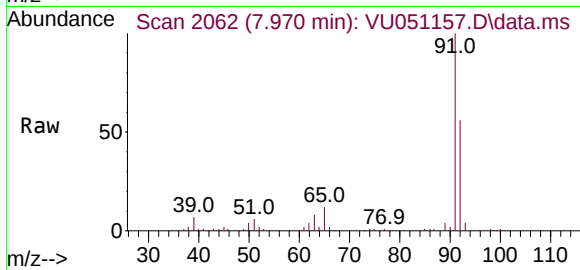
ClientSampleId :

Tgt Ion: 91 Resp: 179007

Ion Ratio Lower Upper

91 100

92 55.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051157.D

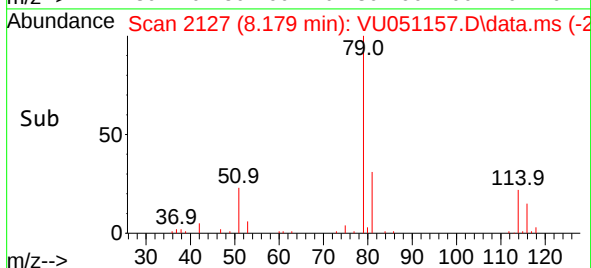
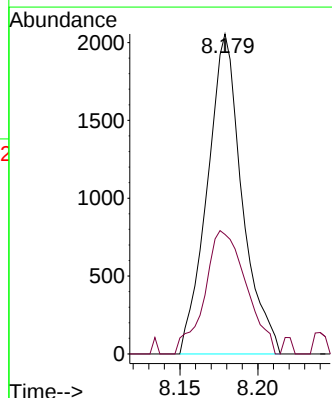
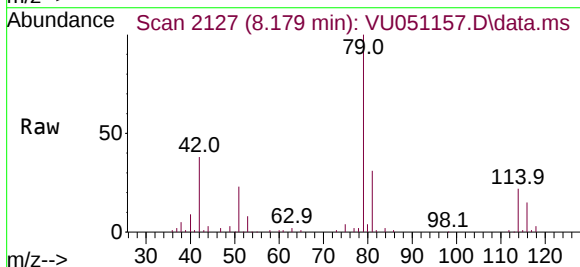
Acq: 06 Oct 2022 03:50

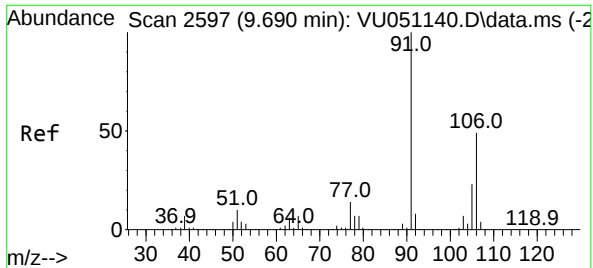
Tgt Ion: 75 Resp: 3188

Ion Ratio Lower Upper

75 100

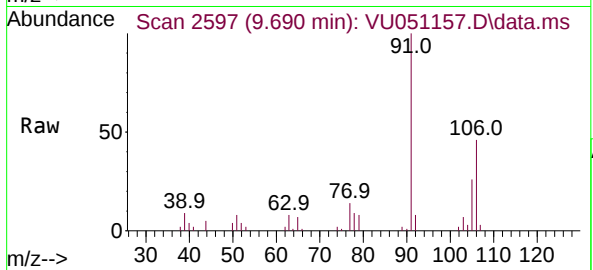
77 37.3 22.7 42.3





#53
 m,p-Xylene
 Concen: 1.632 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051157.D
 Acq: 06 Oct 2022 03:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:106 Resp: 8456
 Ion Ratio Lower Upper
 106 100
 91 206.1 141.9 263.5

