

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051156.D
 Acq On : 06 Oct 2022 03:26
 Operator : JC/MD
 Sample : N4890-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:34:07 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)

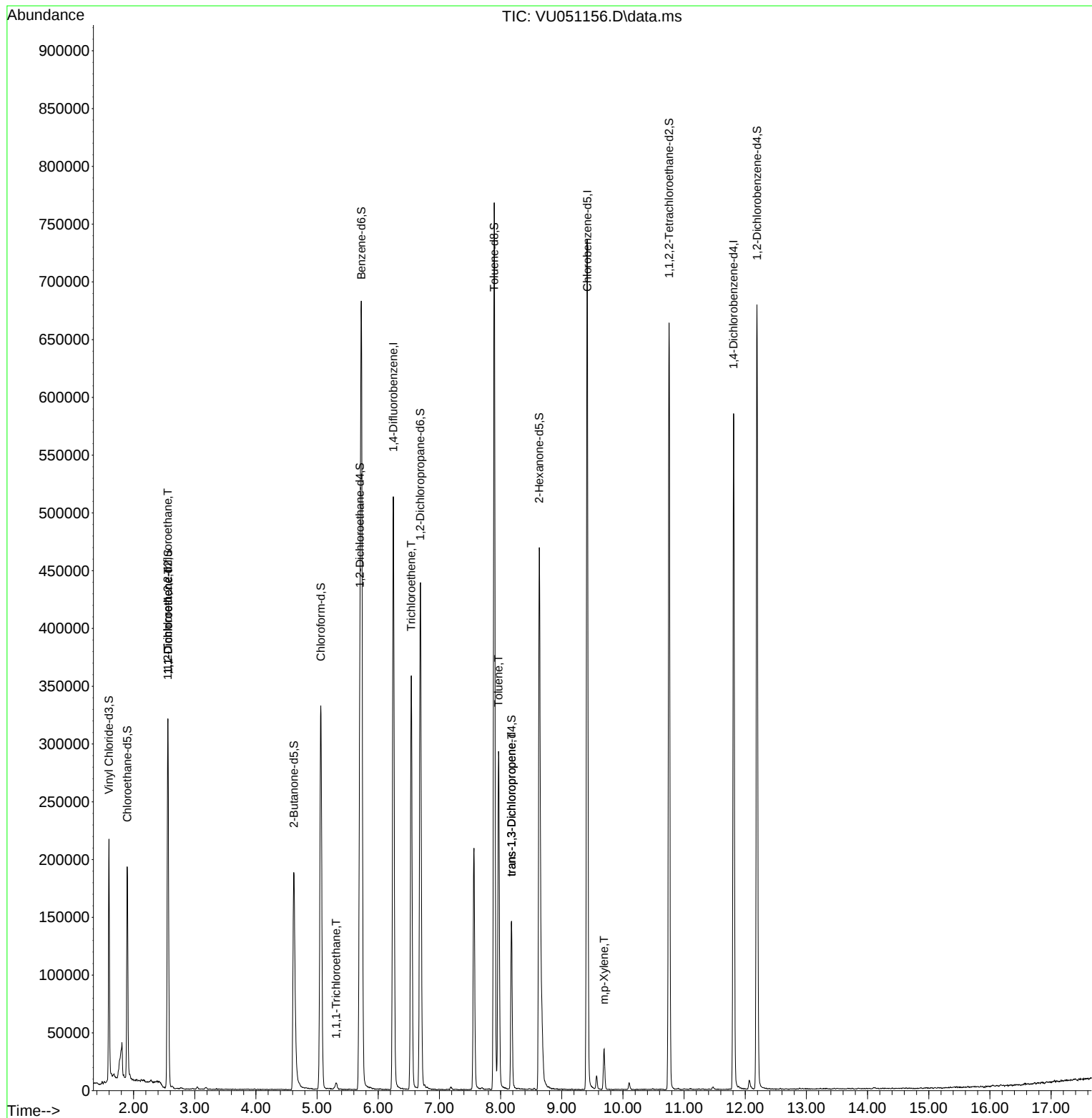
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	414472	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	420036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142517	33.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.860%
7) Chloroethane-d5	1.896	69	137901	35.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.680%
11) 1,1-Dichloroethene-d2	2.562	63	189420	30.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.060%
21) 2-Butanone-d5	4.620	46	271401	99.620	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.060	84	314402	46.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.700	65	206386	49.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
32) Benzene-d6	5.726	84	641866	52.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.360%
36) 1,2-Dichloropropane-d6	6.687	67	221512	55.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.000%
41) Toluene-d8	7.896	98	520129	45.768	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
43) trans-1,3-Dichloroprop...	8.179	79	82936	43.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
47) 2-Hexanone-d5	8.632	63	137288	85.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.190%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	340439	48.804	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	182396	54.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1728	0.546	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1651	0.559	ug/L #	1
30) 1,1,1-Trichloroethane	5.311	97	3908	0.793	ug/L #	47
34) Trichloroethene	6.539	95	126956	38.277	ug/L	98
42) Toluene	7.967	91	217766	15.988	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	3524	0.714	ug/L	99
53) m,p-Xylene	9.693	106	9462	1.732	ug/L	98

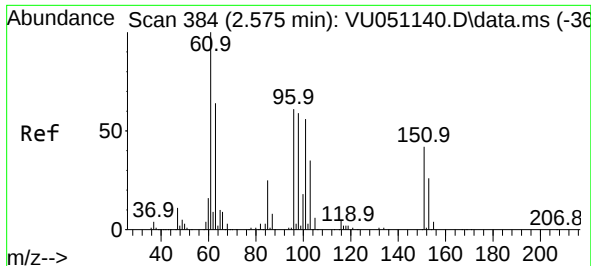
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.546 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

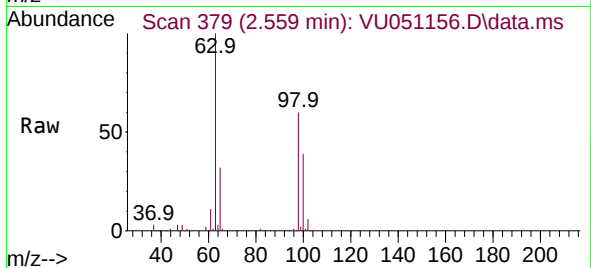
Lab File: VU051156.D

Acq: 06 Oct 2022 03:26

Instrument :

MSVOA_U

ClientSampleId :



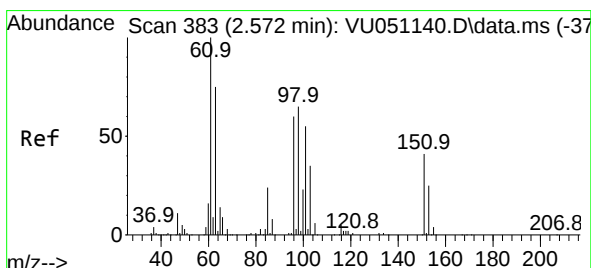
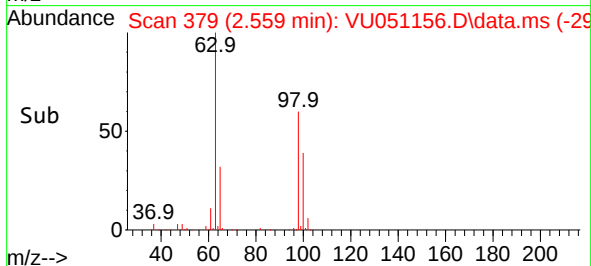
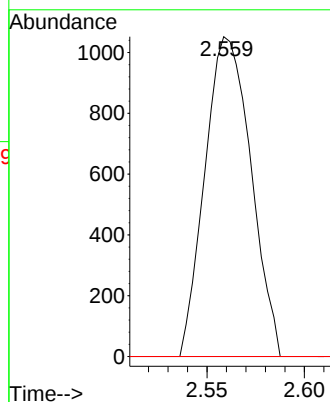
Tgt Ion:101 Resp: 1728

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: 0.559 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.010 min

Lab File: VU051156.D

Acq: 06 Oct 2022 03:26

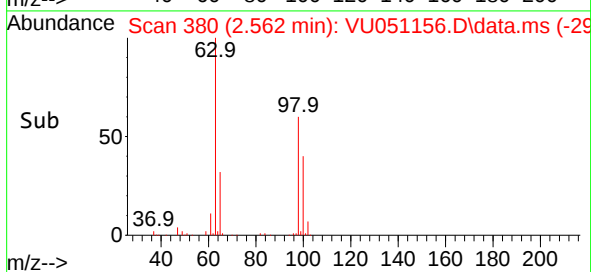
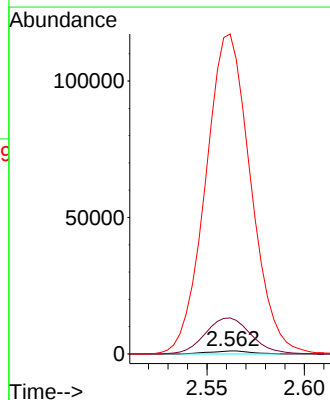
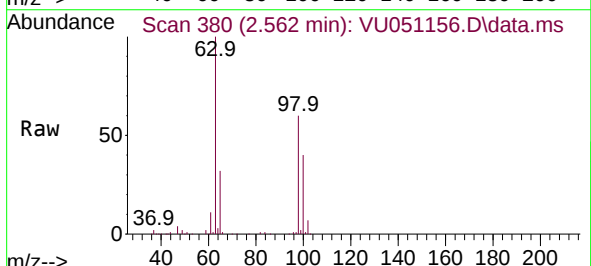
Tgt Ion: 96 Resp: 1651

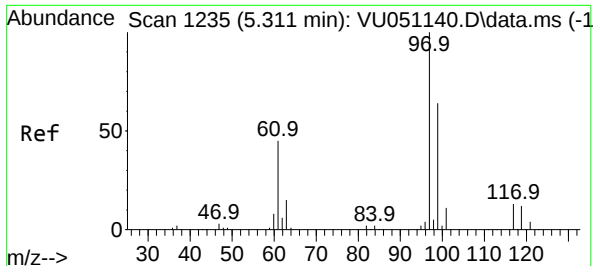
Ion Ratio Lower Upper

96 100

61 1171.2 113.0 209.9#

63 10412.1 91.7 170.3#





#30

1,1,1-Trichloroethane

Concen: 0.793 ug/L

RT: 5.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051156.D

Acq: 06 Oct 2022 03:26

Instrument :

MSVOA_U

ClientSampleId :

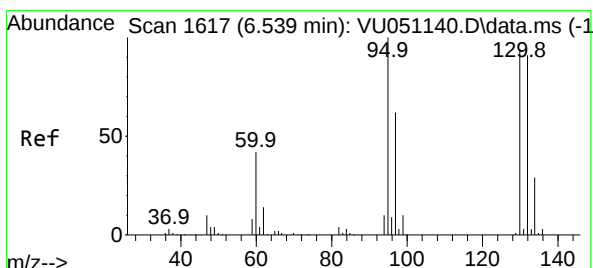
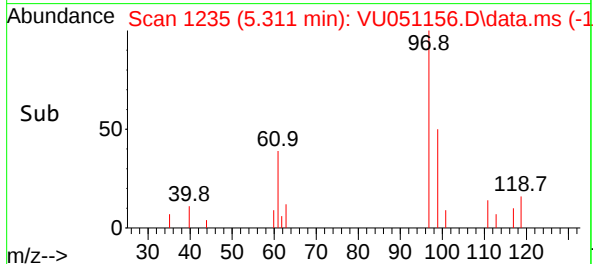
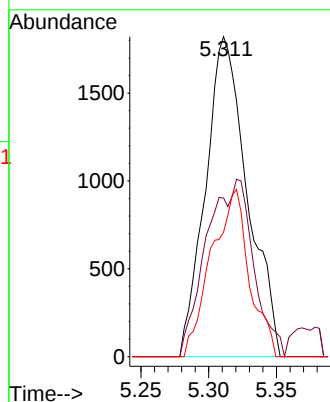
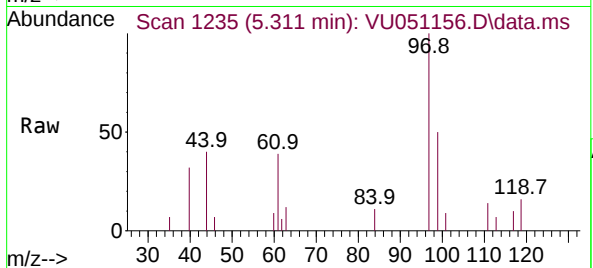
Tgt Ion: 97 Resp: 3908

Ion Ratio Lower Upper

97 100

99 31.8 51.4 77.2#

61 0.0 36.0 54.0#



#34

Trichloroethene

Concen: 38.277 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU051156.D

Acq: 06 Oct 2022 03:26

Tgt Ion: 95 Resp: 126956

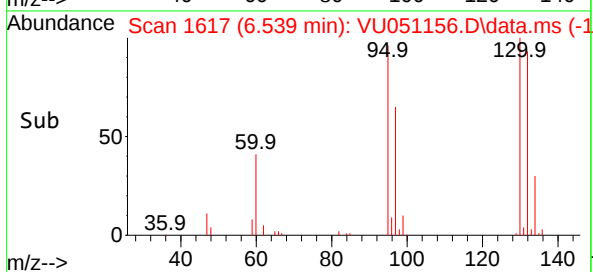
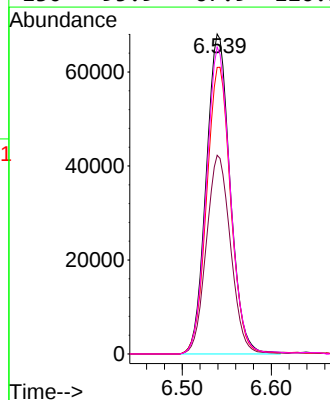
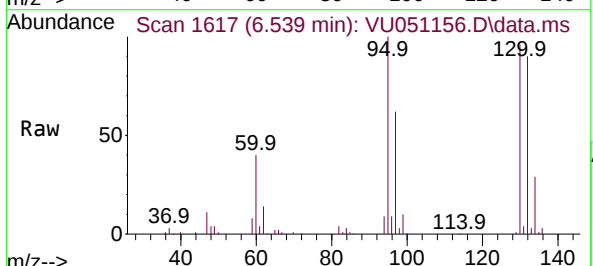
Ion Ratio Lower Upper

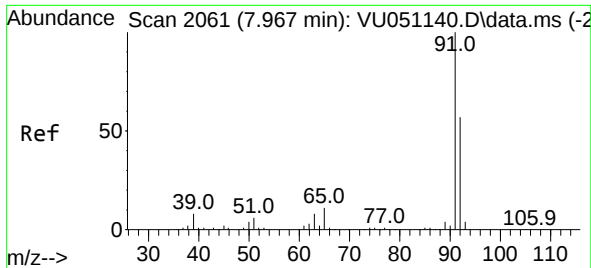
95 100

97 62.1 45.9 85.3

132 89.5 64.0 119.0

130 95.9 67.9 126.1





#42

Toluene

Concen: 15.988 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051156.D

Acq: 06 Oct 2022 03:26

Instrument :

MSVOA_U

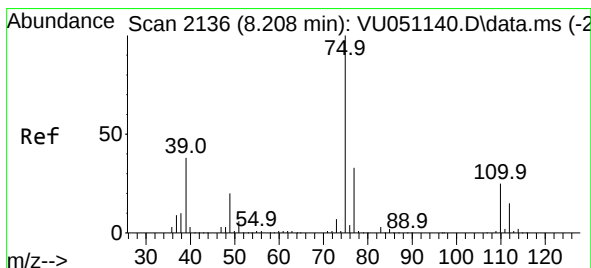
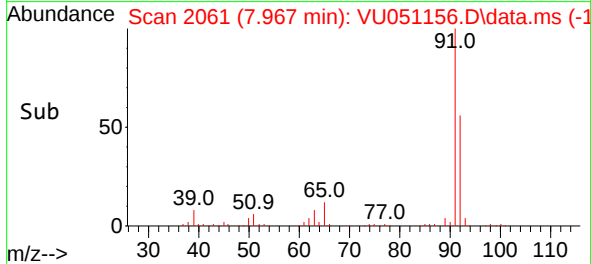
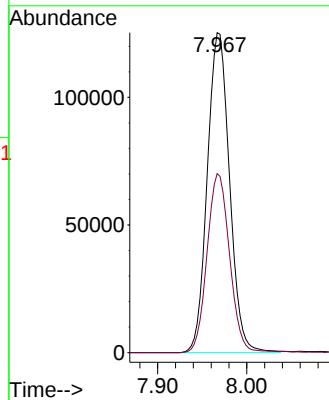
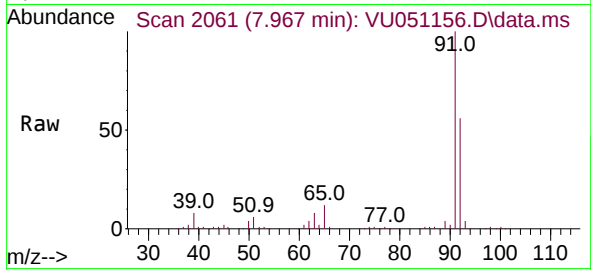
ClientSampleId :

Tgt Ion: 91 Resp: 217766

Ion Ratio Lower Upper

91 100

92 55.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051156.D

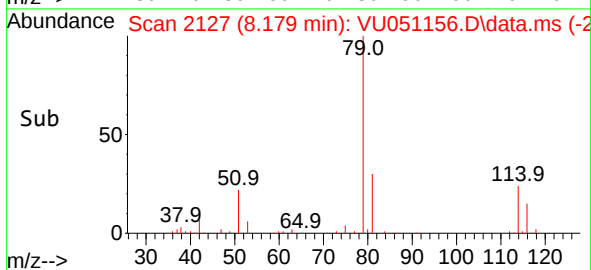
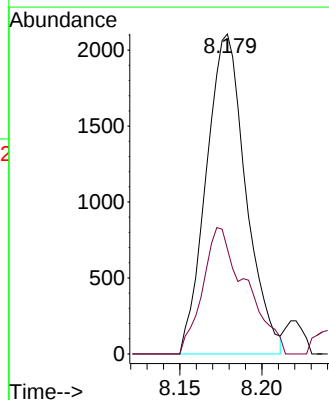
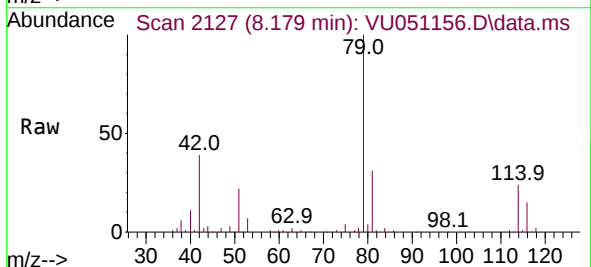
Acq: 06 Oct 2022 03:26

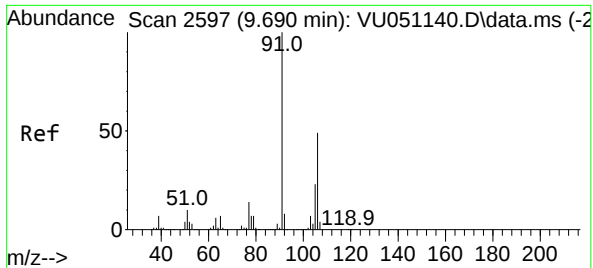
Tgt Ion: 75 Resp: 3524

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3





#53
 m,p-Xylene
 Concen: 1.732 ug/L
 RT: 9.693 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU051156.D
 Acq: 06 Oct 2022 03:26

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:106 Resp: 9462
 Ion Ratio Lower Upper
 106 100
 91 206.5 141.9 263.5

