

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053507.D
 Acq On : 31 Mar 2023 21:18
 Operator : JC/MD
 Sample : 02121-14ME
 Misc : 4.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

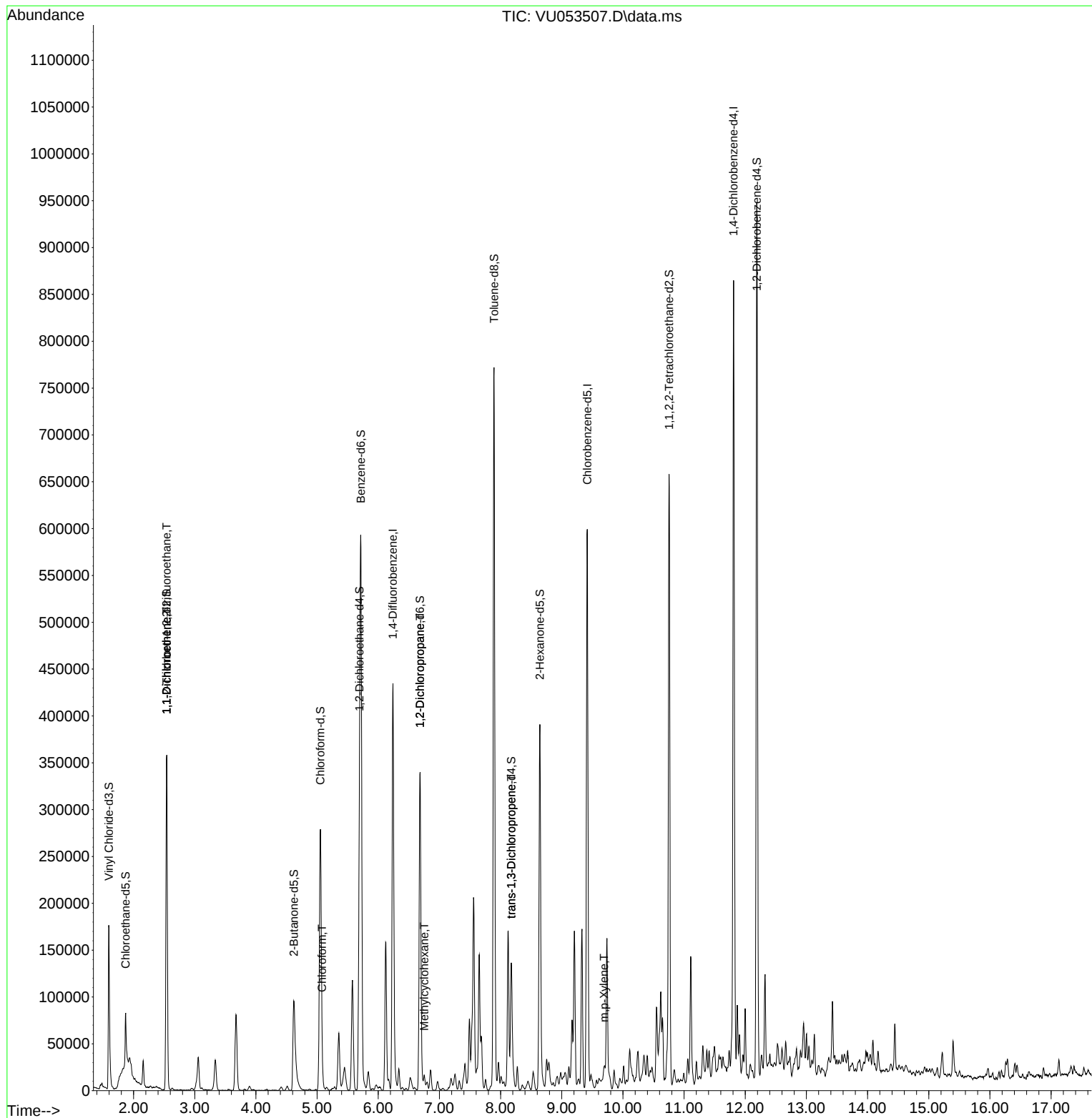
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	402024	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	384070	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	230639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	149034	47.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.220%		
7) Chloroethane-d5	1.870	69	41132	17.042	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.080%#		
11) 1,1-Dichloroethene-d2	2.539	63	198950	41.056	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.120%		
21) 2-Butanone-d5	4.620	46	168260	118.718	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.720%		
24) Chloroform-d	5.054	84	256155	49.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
26) 1,2-Dichloroethane-d4	5.693	65	168160	54.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.940%		
32) Benzene-d6	5.716	84	553086	53.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.700%		
36) 1,2-Dichloropropane-d6	6.684	67	169305	53.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.860%		
41) Toluene-d8	7.893	98	551986	53.570	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.140%		
43) trans-1,3-Dichloroprop...	8.176	79	87015	53.198	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.400%		
47) 2-Hexanone-d5	8.642	63	147709	136.584	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	136.580%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	264183	59.152	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	118.300%		
66) 1,2-Dichlorobenzene-d4	12.188	152	264825	55.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1867	0.675	ug/L #	17
12) 1,1-Dichloroethene	2.539	96	1650	0.669	ug/L #	1
25) Chloroform	5.083	83	10113	2.147	ug/L	96
35) Methylcyclohexane	6.751	83	6674	1.500	ug/L	97
37) 1,2-Dichloropropane	6.684	63	17999	7.084	ug/L #	89
44) trans-1,3-Dichloropropene	8.176	75	3653	0.931	ug/L	91
53) m,p-Xylene	9.693	106	6610	1.339	ug/L	99

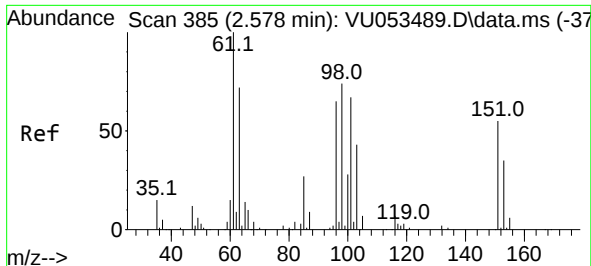
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration





#10

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

Concen: 0.675 ug/L

RT: 2.539 min Scan# 31

Delta R.T. -0.039 min

Lab File: VU053507.D

Acq: 31 Mar 2023 21:18

Instrument :

MSVOA_W

ClientSampleId :

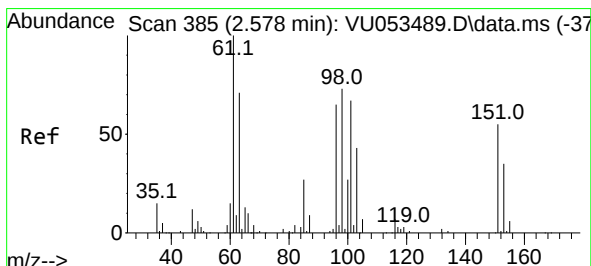
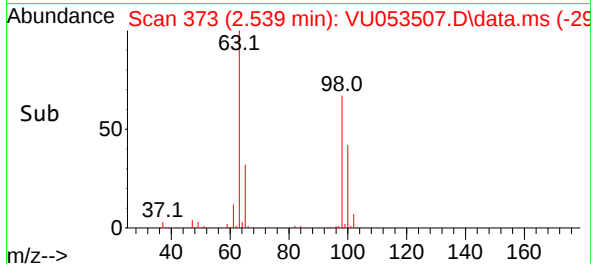
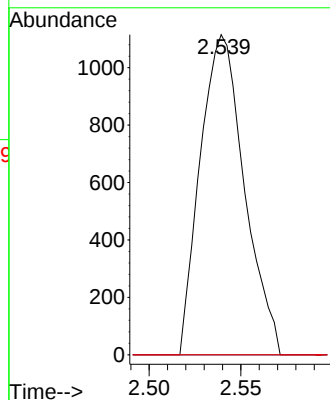
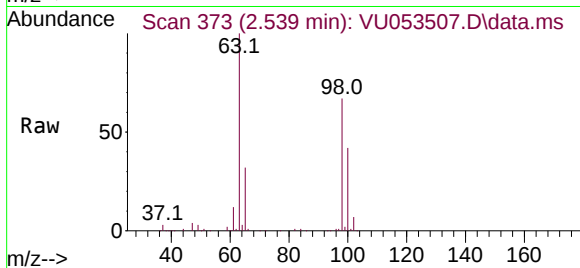
Tgt Ion:101 Resp: 1867

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 65.8 98.6#



#12

1,1-Dichloroethene

Concen: 0.669 ug/L

RT: 2.539 min Scan# 373

Delta R.T. -0.039 min

Lab File: VU053507.D

Acq: 31 Mar 2023 21:18

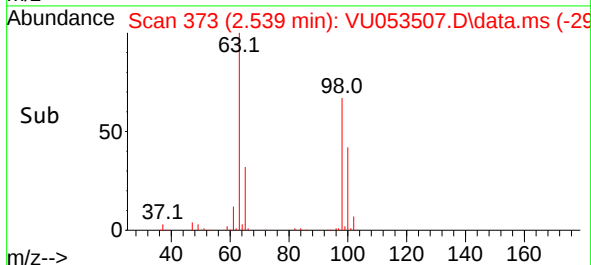
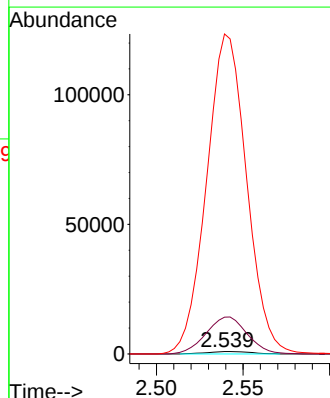
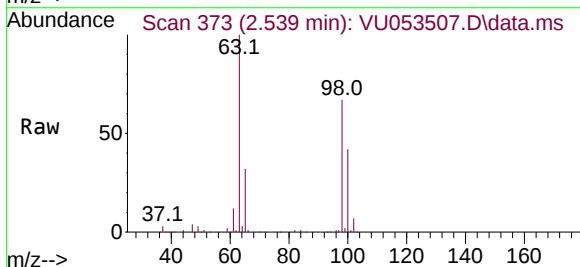
Tgt Ion: 96 Resp: 1650

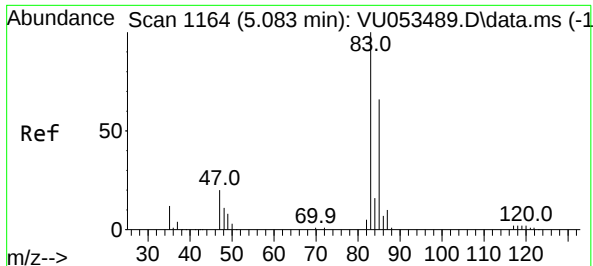
Ion Ratio Lower Upper

96 100

61 1561.2 107.9 200.5#

63 13570.1 79.1 146.9#





#25

Chloroform

Concen: 2.147 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053507.D

Acq: 31 Mar 2023 21:18

Instrument :

MSVOA_W

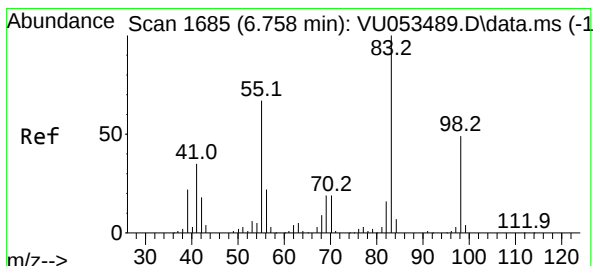
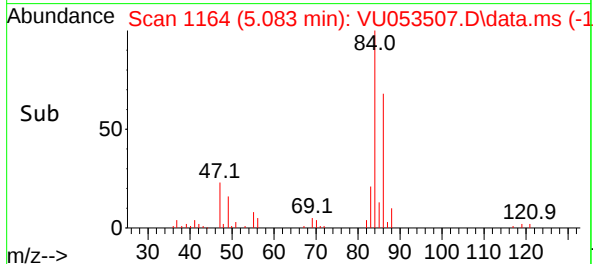
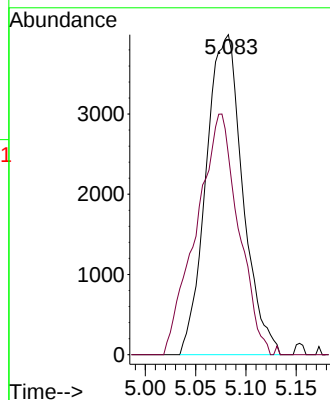
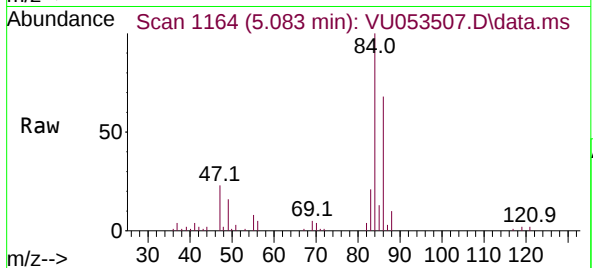
ClientSampleId :

Tgt Ion: 83 Resp: 10113

Ion Ratio Lower Upper

83 100

85 62.5 46.1 85.5



#35

Methylcyclohexane

Concen: 1.500 ug/L

RT: 6.751 min Scan# 1683

Delta R.T. -0.006 min

Lab File: VU053507.D

Acq: 31 Mar 2023 21:18

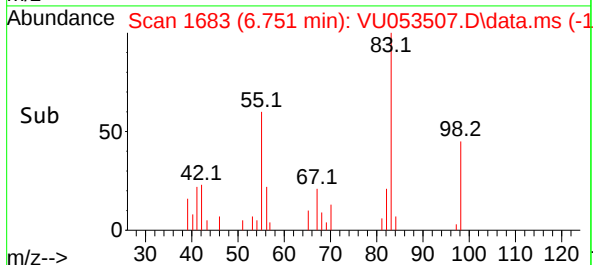
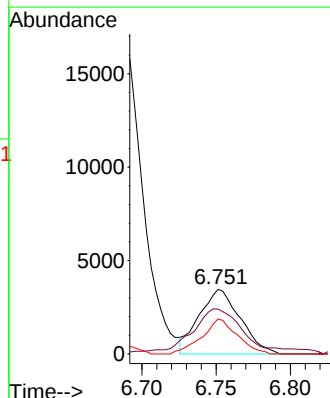
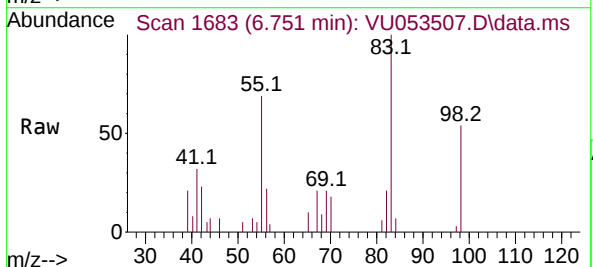
Tgt Ion: 83 Resp: 6674

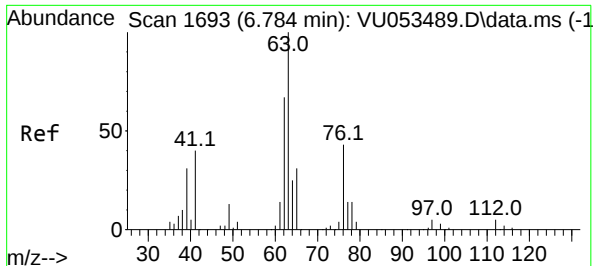
Ion Ratio Lower Upper

83 100

55 68.7 53.0 79.6

98 46.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 7.084 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053507.D

Acq: 31 Mar 2023 21:18

Instrument :

MSVOA_W

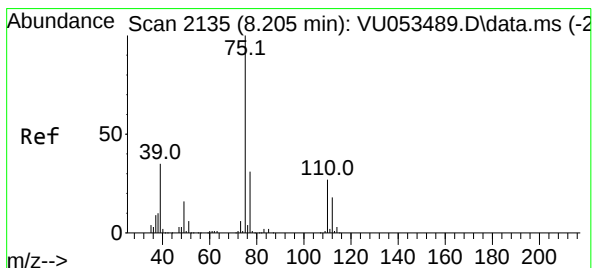
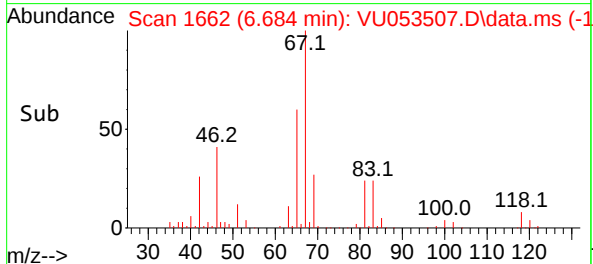
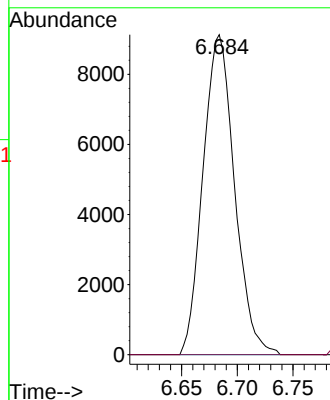
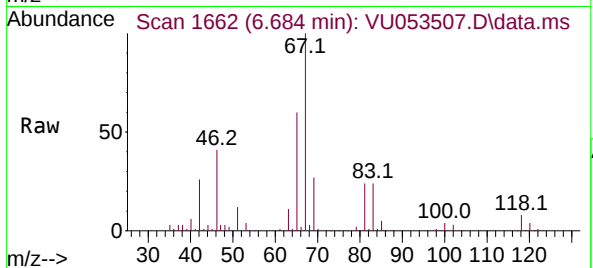
ClientSampleId :

Tgt Ion: 63 Resp: 17999

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053507.D

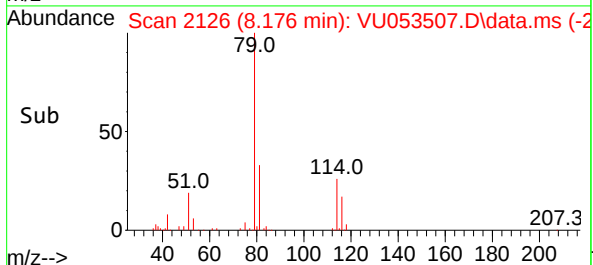
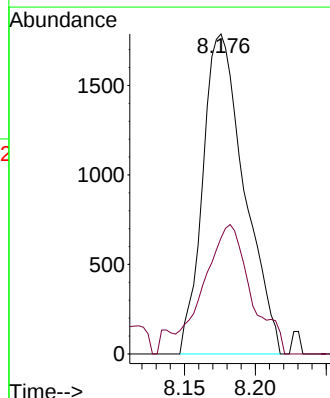
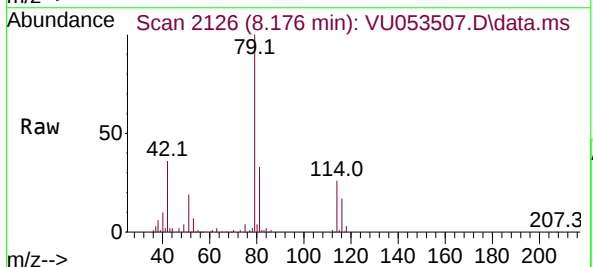
Acq: 31 Mar 2023 21:18

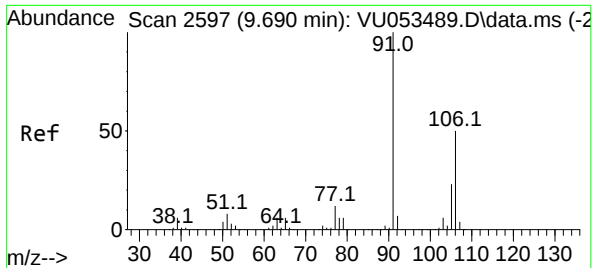
Tgt Ion: 75 Resp: 3653

Ion Ratio Lower Upper

75 100

77 36.2 21.8 40.4





#53
 m,p-Xylene
 Concen: 1.339 ug/L
 RT: 9.693 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU053507.D
 Acq: 31 Mar 2023 21:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:106 Resp: 6610
 Ion Ratio Lower Upper
 106 100
 91 198.5 140.0 260.0

