

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051154.D
 Acq On : 06 Oct 2022 02:39
 Operator : JC/MD
 Sample : N4890-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 06:33:43 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)

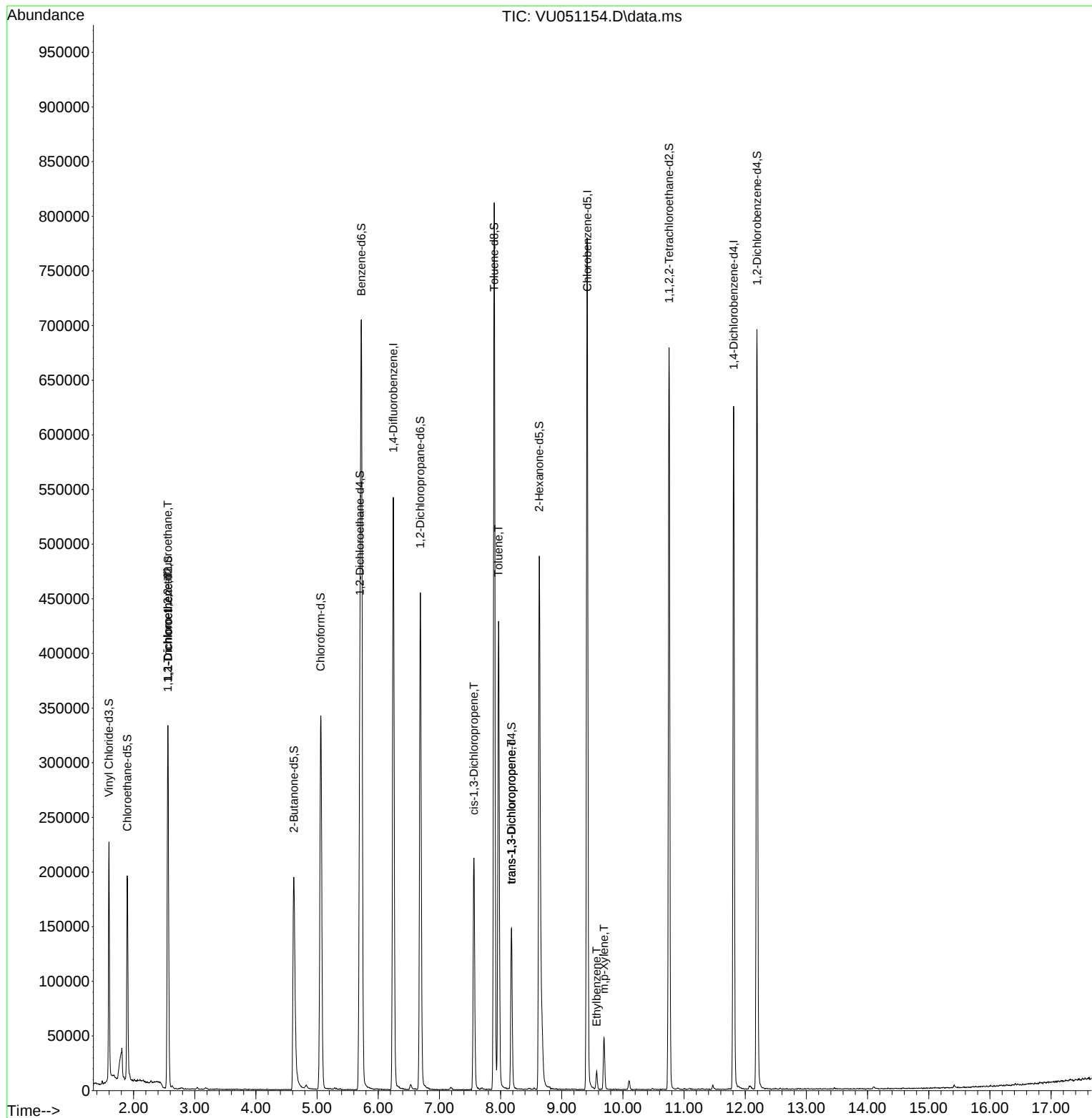
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	444031	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	443277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148694	33.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.080%		
7) Chloroethane-d5	1.896	69	145162	34.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.460%#		
11) 1,1-Dichloroethene-d2	2.562	63	199695	30.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.080%		
21) 2-Butanone-d5	4.620	46	280234	96.015	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.010%		
24) Chloroform-d	5.060	84	323951	44.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.360%		
26) 1,2-Dichloroethane-d4	5.700	65	216300	48.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
32) Benzene-d6	5.726	84	658211	50.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.420%		
36) 1,2-Dichloropropane-d6	6.687	67	229414	54.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.920%		
41) Toluene-d8	7.896	98	542500	45.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.460%		
43) trans-1,3-Dichloroprop...	8.179	79	86092	42.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.700%		
47) 2-Hexanone-d5	8.632	63	144418	84.912	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.910%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	338797	46.022	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.040%		
66) 1,2-Dichlorobenzene-d4	12.192	152	185911	51.850	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1992	0.588	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1581	0.499	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	4770	0.926	ug/L #	38
42) Toluene	7.967	91	317041	22.056	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	3706	0.711	ug/L #	75
52) Ethylbenzene	9.571	91	11022	0.719	ug/L	95
53) m,p-Xylene	9.690	106	14018	2.431	ug/L	97

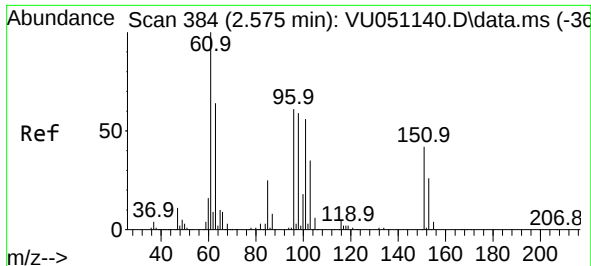
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration





#10

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

Concen: 0.588 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

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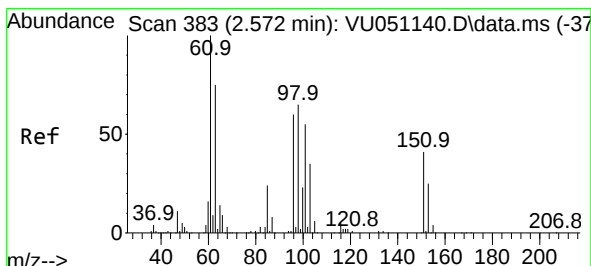
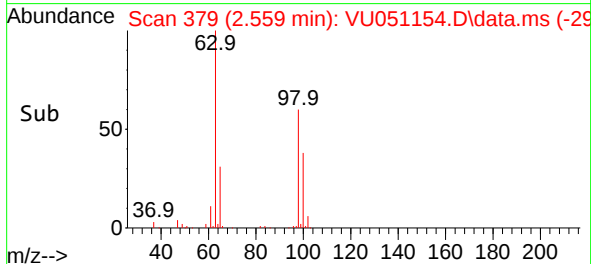
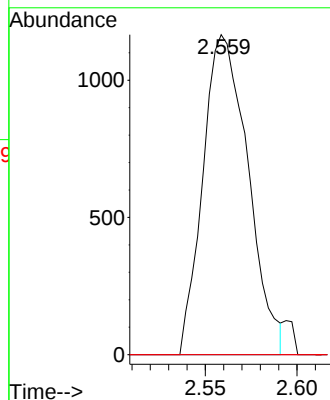
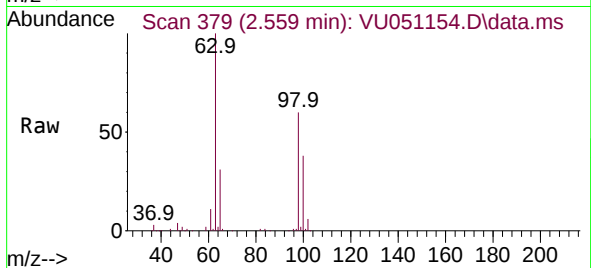
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 1992

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: 0.499 ug/L

RT: 2.562 min Scan# 380

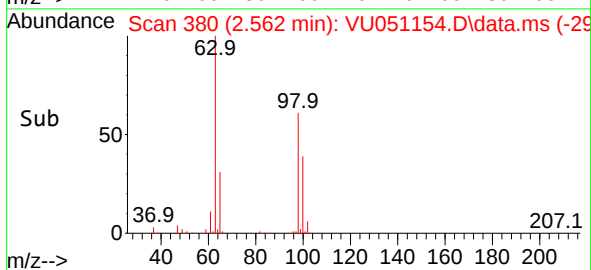
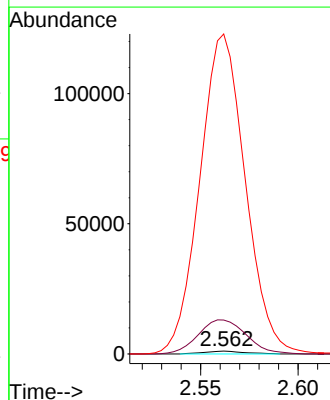
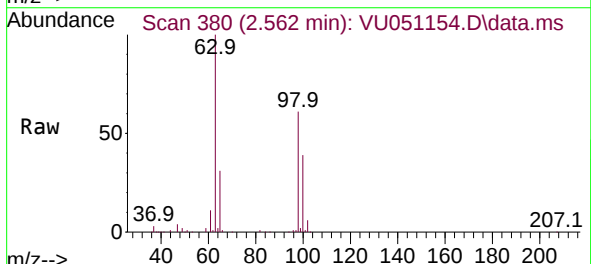
Delta R.T. -0.010 min

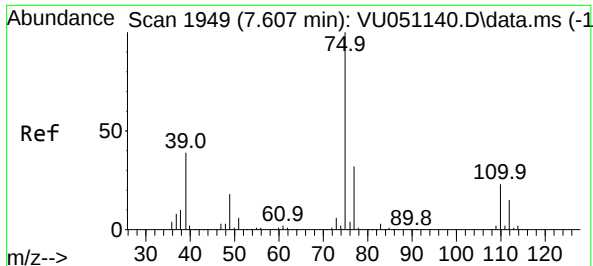
Lab File: VU051154.D

Acq: 06 Oct 2022 02:39

Tgt Ion: 96 Resp: 1581

Ion	Ratio	Lower	Upper
96	100		
61	1199.2	113.0	209.9#
63	11305.2	91.7	170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU051154.D

Acq: 06 Oct 2022 02:39

Instrument :

MSVOA_U

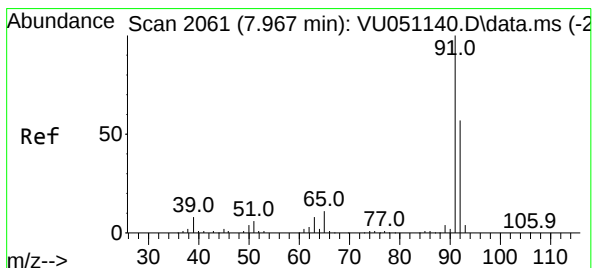
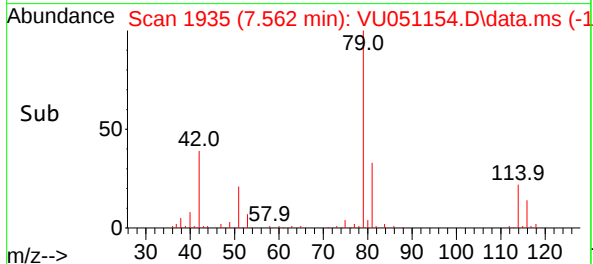
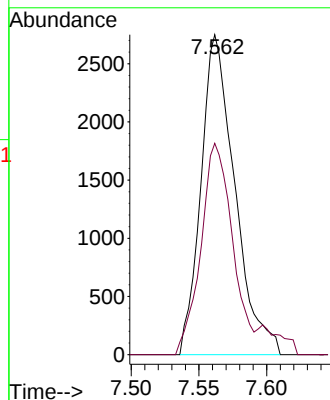
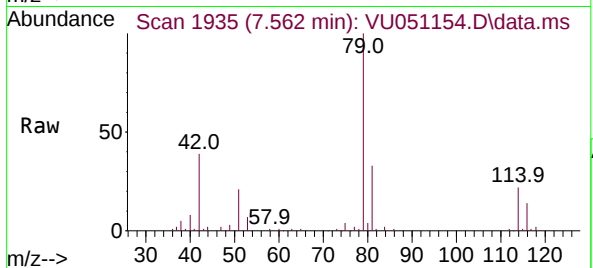
ClientSampleId :

Tgt Ion: 75 Resp: 4770

Ion Ratio Lower Upper

75 100

77 66.0 22.0 41.0#



#42

Toluene

Concen: 22.056 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051154.D

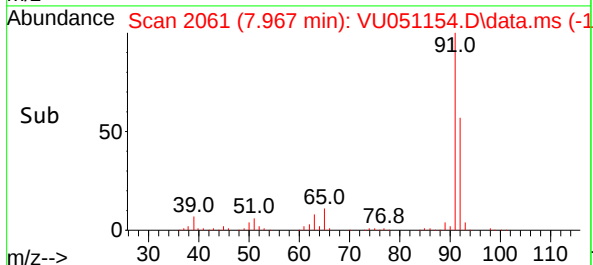
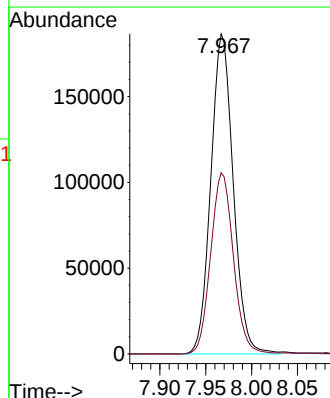
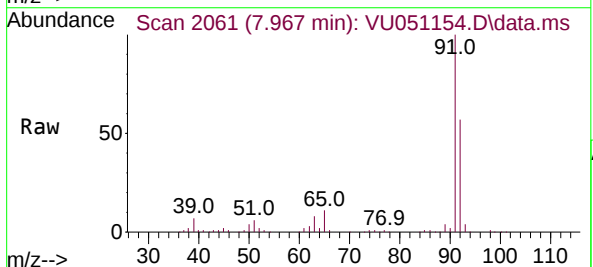
Acq: 06 Oct 2022 02:39

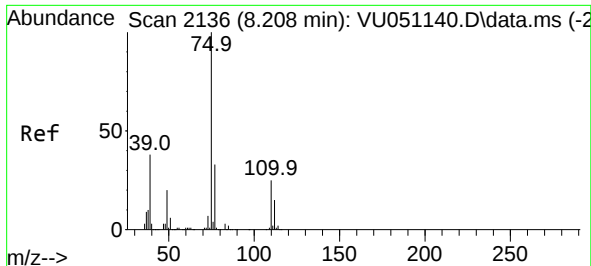
Tgt Ion: 91 Resp: 317041

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5

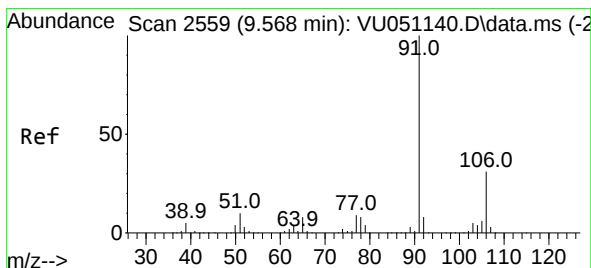
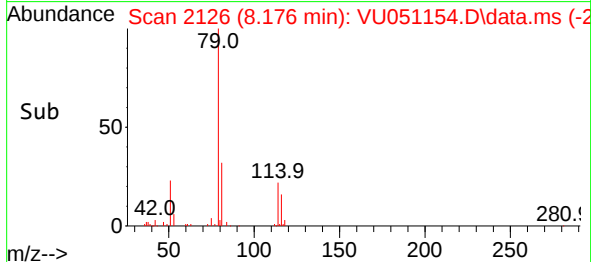
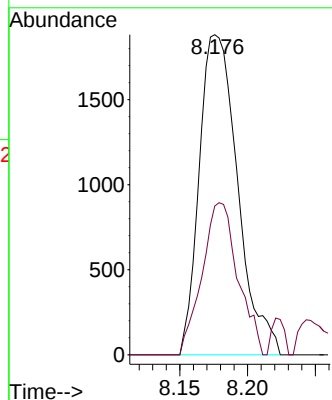
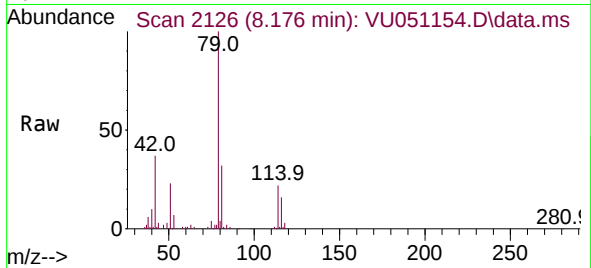




#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051154.D
Acq: 06 Oct 2022 02:39

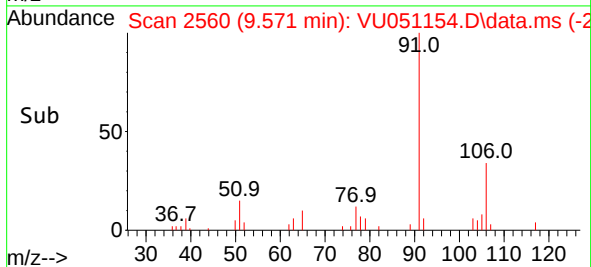
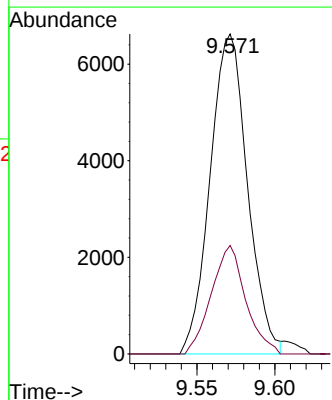
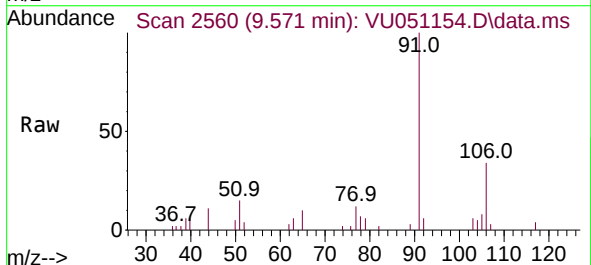
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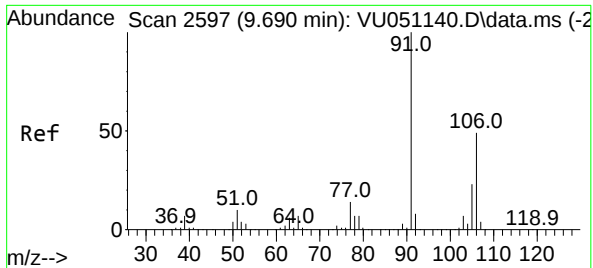
Tgt Ion: 75 Resp: 3706
Ion Ratio Lower Upper
75 100
77 46.4 22.7 42.3#



#52
Ethylbenzene
Concen: 0.719 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051154.D
Acq: 06 Oct 2022 02:39

Tgt Ion: 91 Resp: 11022
Ion Ratio Lower Upper
91 100
106 33.9 21.7 40.3





#53
 m,p-Xylene
 Concen: 2.431 ug/L
 RT: 9.690 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU051154.D
 Acq: 06 Oct 2022 02:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:106 Resp: 14018
 Ion Ratio Lower Upper
 106 100
 91 198.2 141.9 263.5

