

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 :
 EY0E0

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)

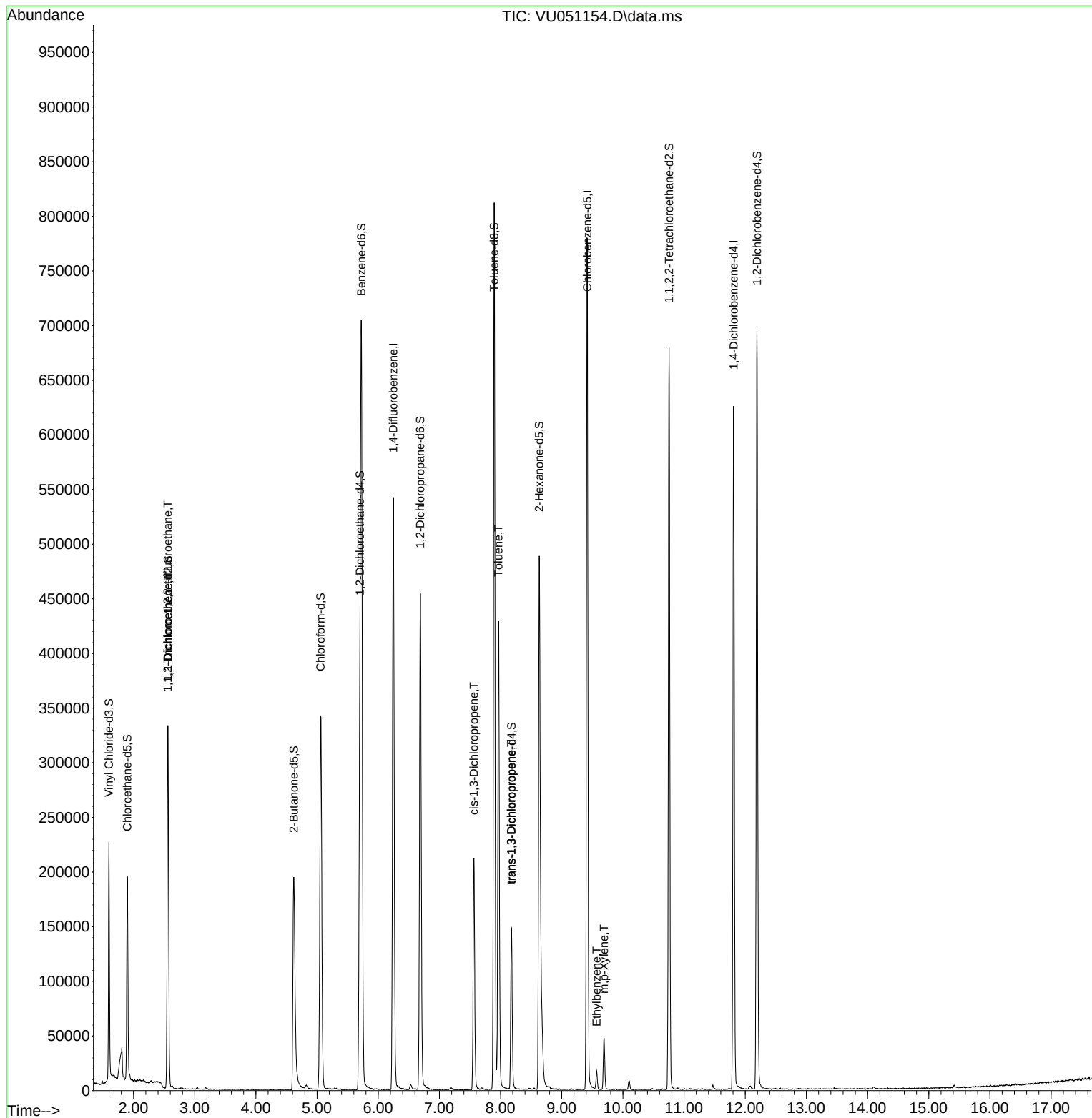
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	444031	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	443277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148694	33.043	ug/L	0.00
Spiked Amount	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

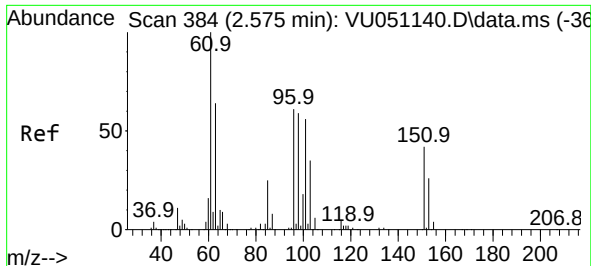
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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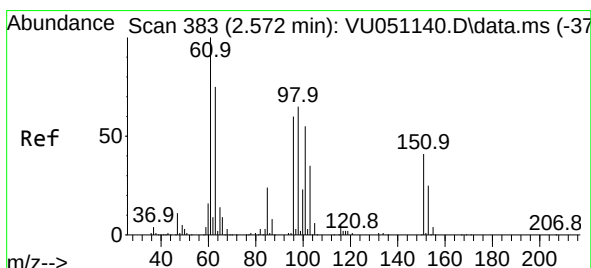
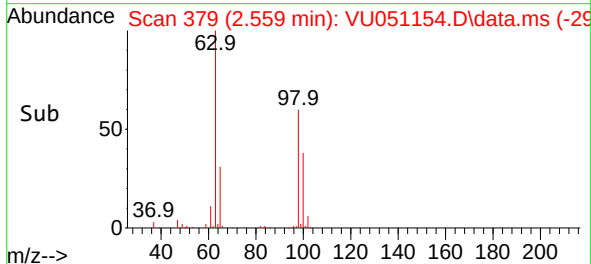
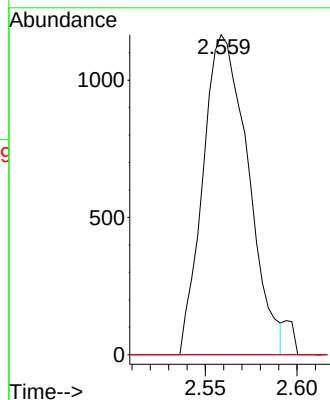
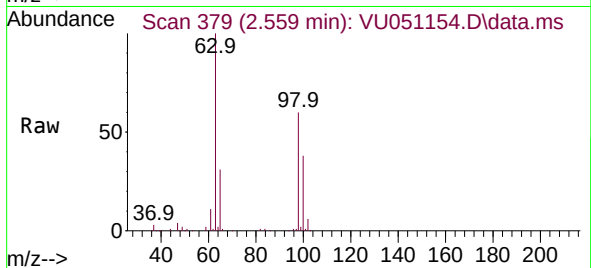




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.588 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051154.D
Acq: 06 Oct 2022 02:39

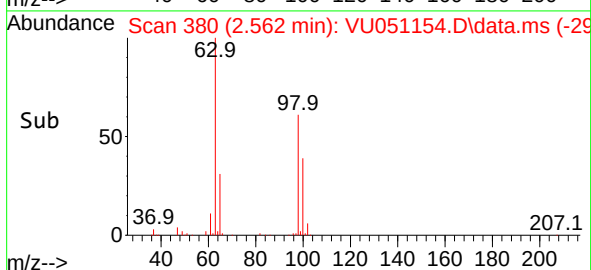
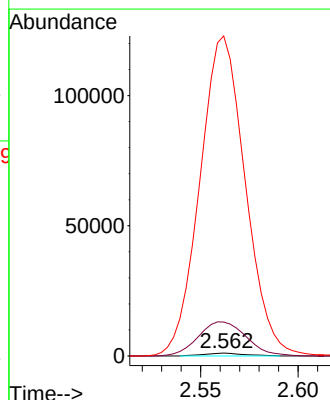
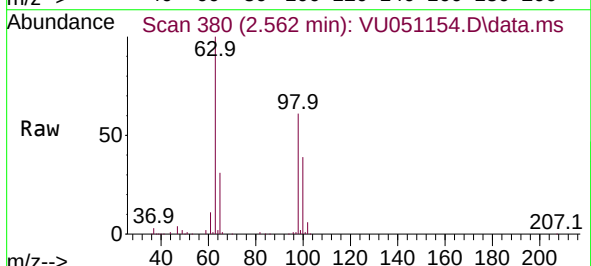
Instrument :
MSVOA_U
ClientSampleId :
EY0E0

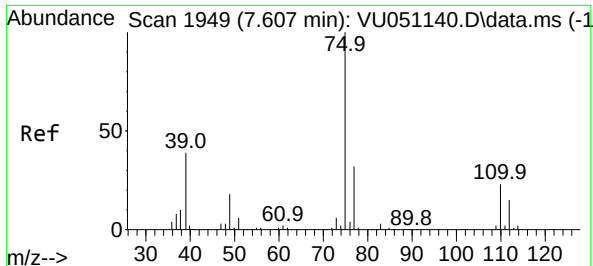
Tgt Ion:101 Resp: 1992
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#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 :

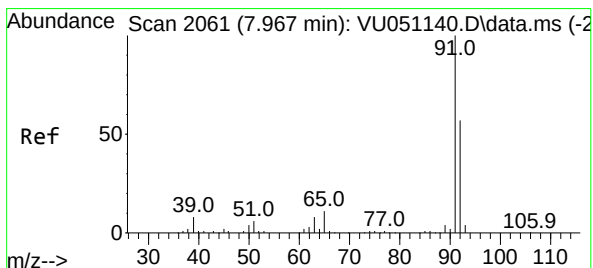
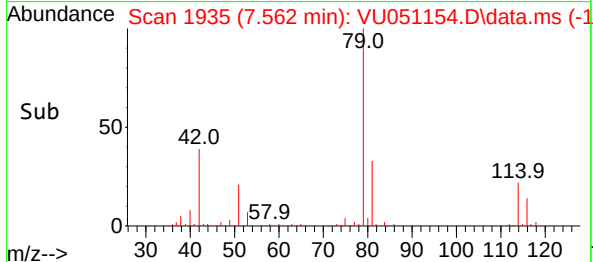
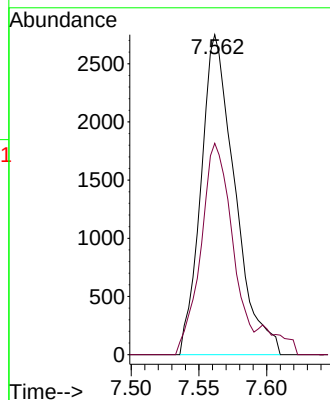
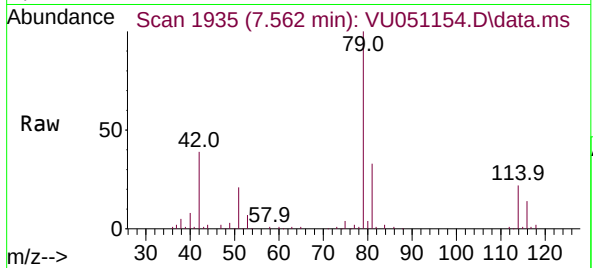
EY0E0

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

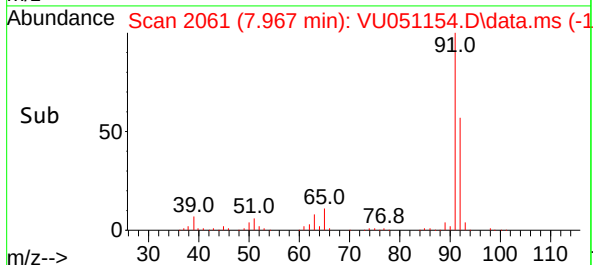
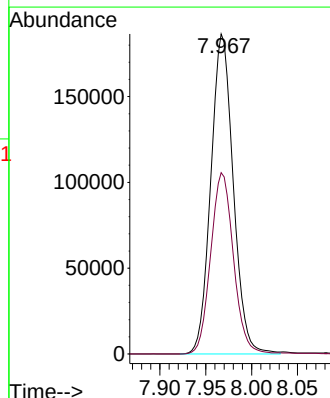
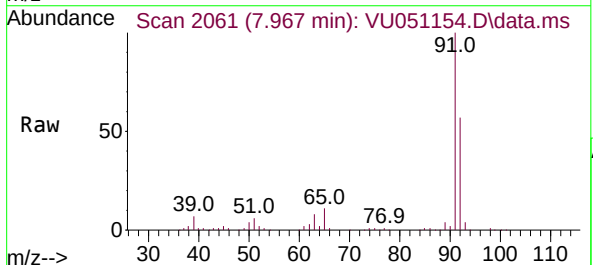
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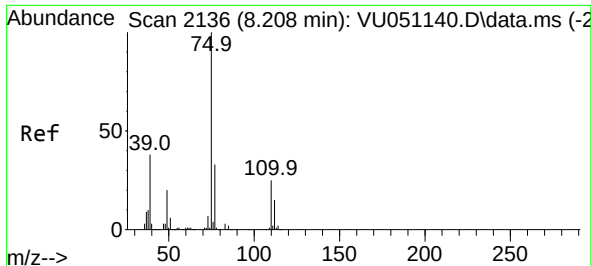
Tgt Ion: 91 Resp: 317041

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5

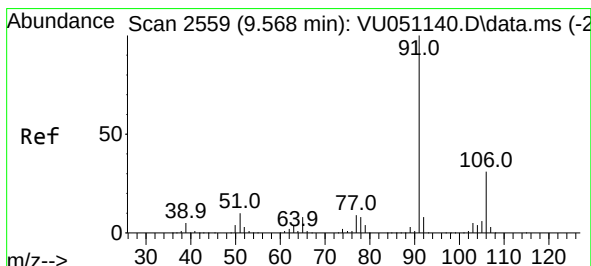
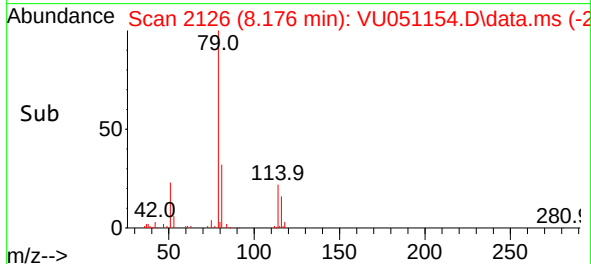
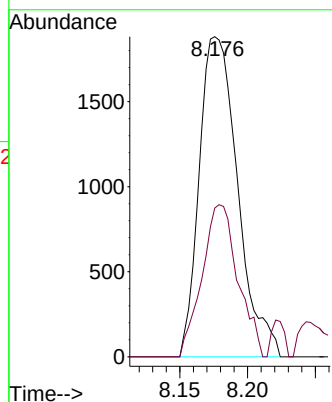
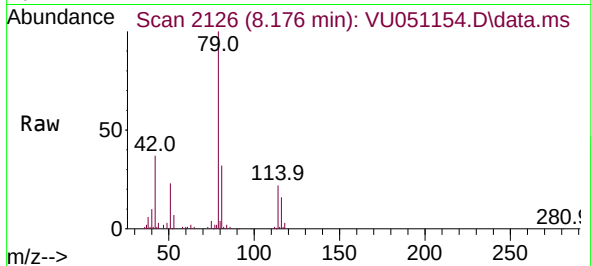




#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051154.D
Acq: 06 Oct 2022 02:39

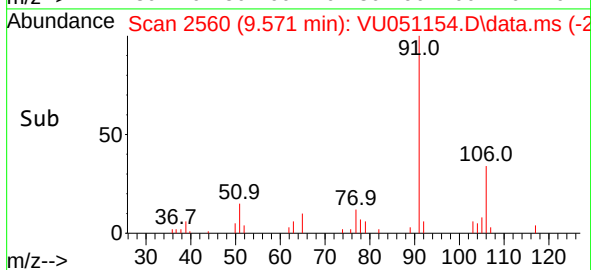
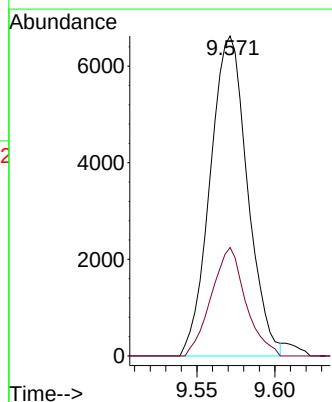
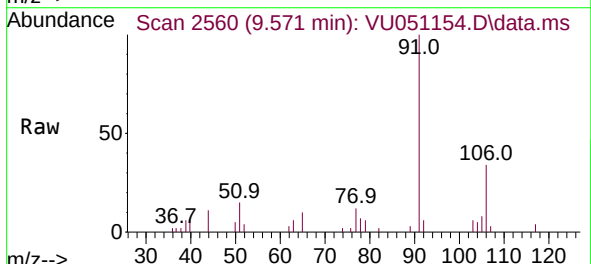
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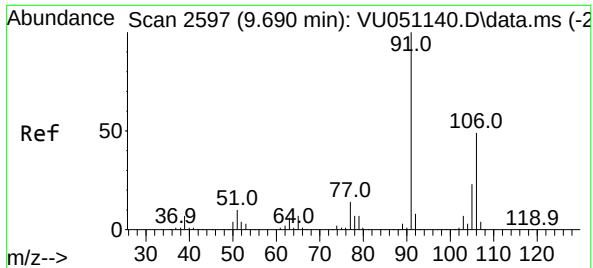
Tgt Ion: 75 Resp: 3706
Ion Ratio Lower Upper
75 100
77 46.4 22.7 42.3#



#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# 21
 Delta R.T. -0.000 min
 Lab File: VU051154.D
 Acq: 06 Oct 2022 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E0

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

