

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051310.D
 Acq On : 09 Oct 2022 19:20
 Operator : JC/MD
 Sample : N5013-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA47

Quant Time: Oct 10 01:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

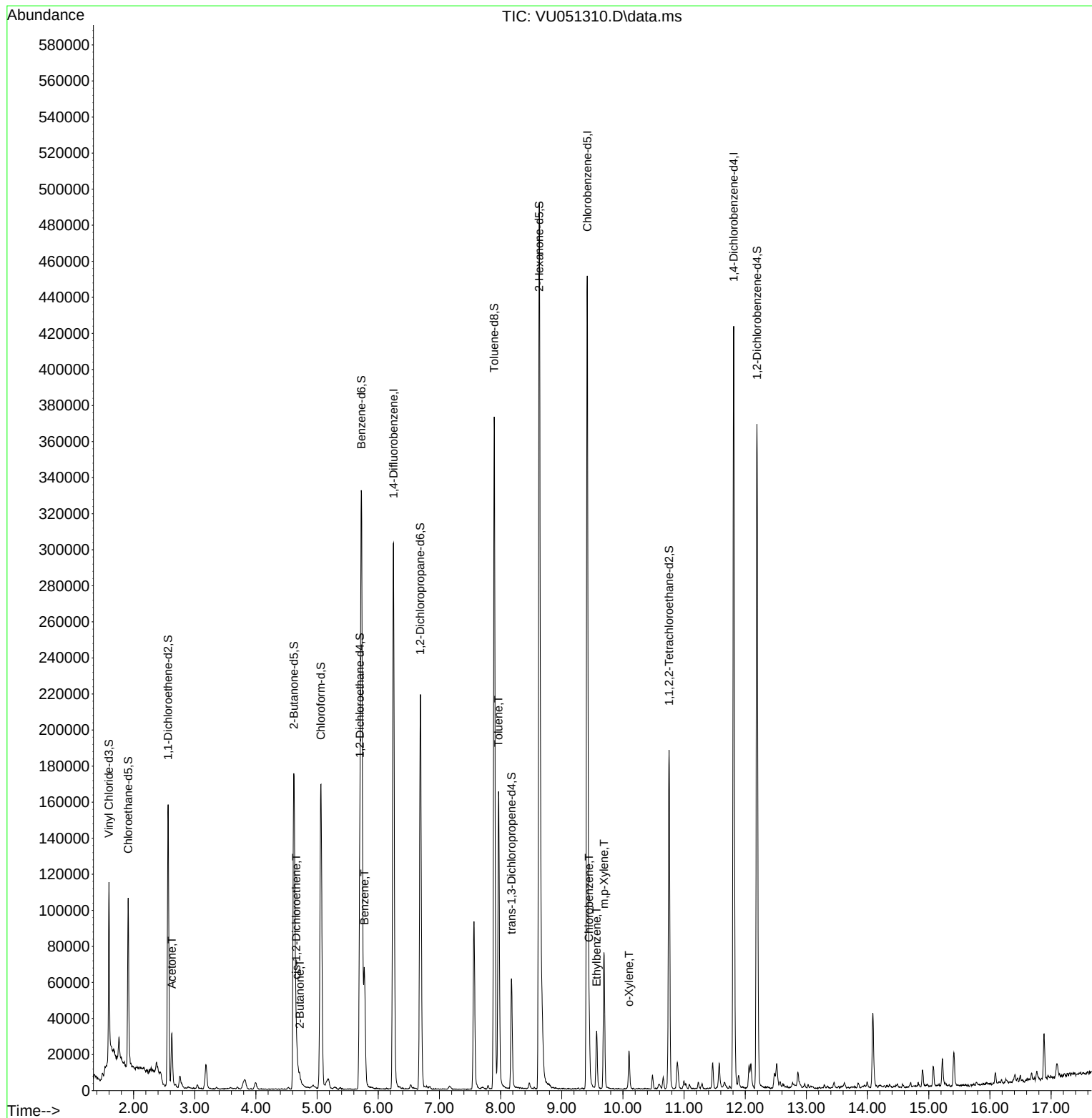
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	244621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68968	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.912	69	69808	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.565	65	29895	3.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.620	46	248310	57.157	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.320%
24) Chloroform-d	5.060	84	160092	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	88586	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	309362	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	107549	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.896	98	251109	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.179	79	35030	4.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.632	63	154132	57.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.680%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95138	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	95686	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
13) Acetone	2.626	43	32779	10.060	ug/L	97
21) 2-Butanone	4.716	43	8096	1.577	ug/L	87
22) cis-1,2-Dichloroethene	4.661	96	3958	0.190	ug/L #	74
33) Benzene	5.774	78	64546	0.751	ug/L	100
42) Toluene	7.967	91	124311	1.362	ug/L	96
51) Chlorobenzene	9.446	112	20048	0.368	ug/L	97
52) Ethylbenzene	9.571	91	23367	0.285	ug/L	98
53) m,p-Xylene	9.690	106	20758	0.653	ug/L	94
54) o-Xylene	10.099	106	4998	0.166	ug/L	97

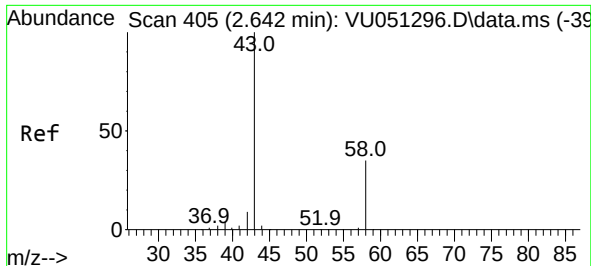
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.060 ug/L

RT: 2.626 min Scan# 405

Delta R.T. -0.016 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

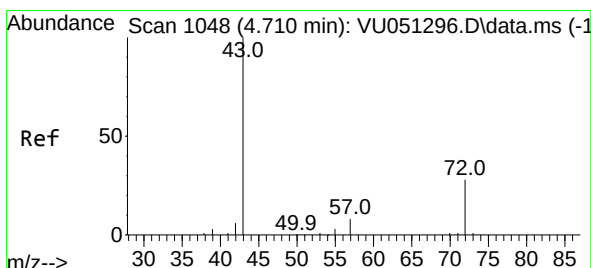
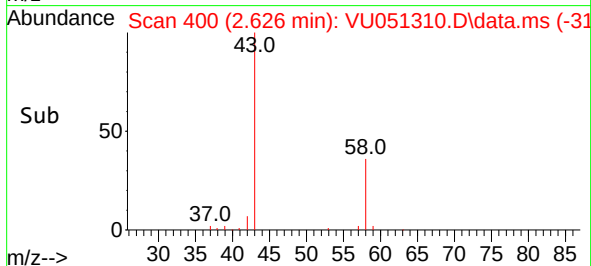
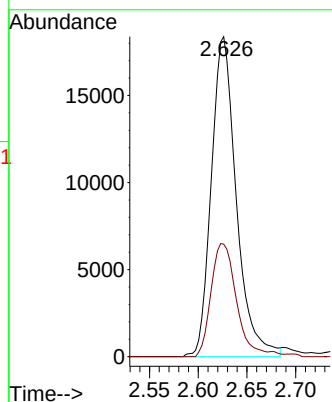
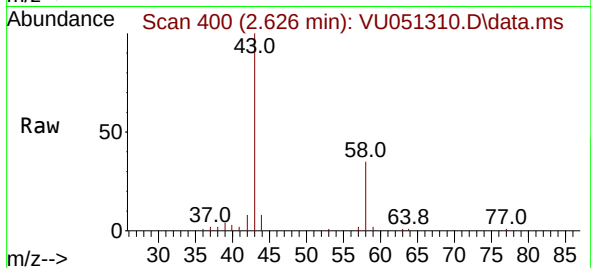
BHA47

Tgt Ion: 43 Resp: 32779

Ion Ratio Lower Upper

43 100

58 36.1 0.0 68.8



#21

2-Butanone

Concen: 1.577 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU051310.D

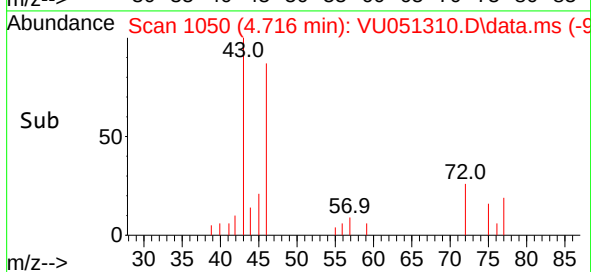
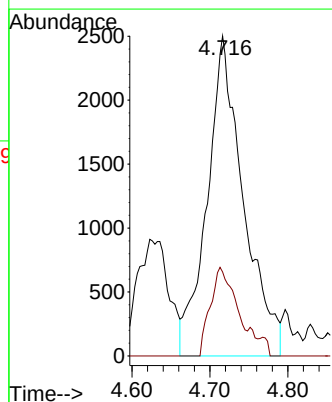
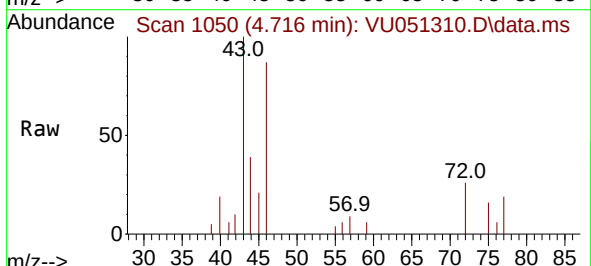
Acq: 09 Oct 2022 19:20

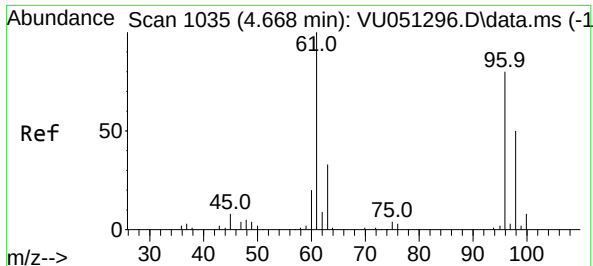
Tgt Ion: 43 Resp: 8096

Ion Ratio Lower Upper

43 100

72 21.0 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 0.190 ug/L

RT: 4.661 min Scan# 1035

Delta R.T. -0.007 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

BHA47

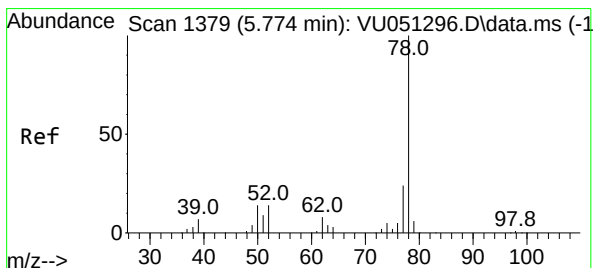
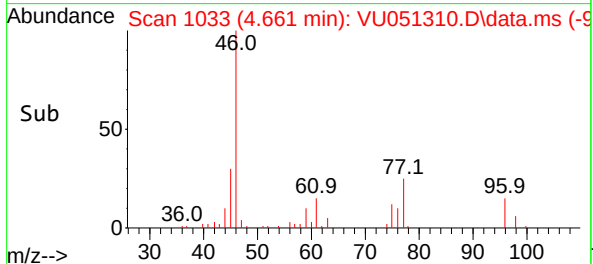
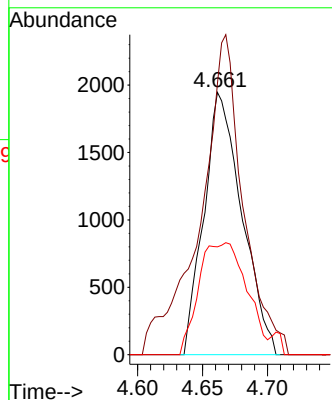
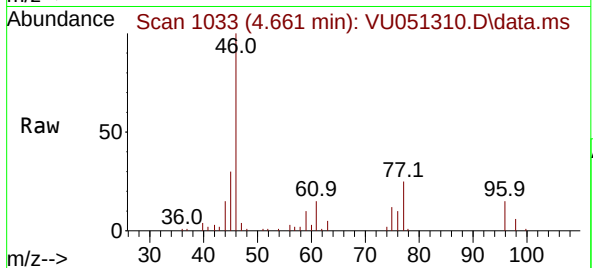
Tgt Ion: 96 Resp: 3958

Ion Ratio Lower Upper

96 100

61 103.5 90.6 168.2

98 41.1 47.5 88.3#



#33

Benzene

Concen: 0.751 ug/L

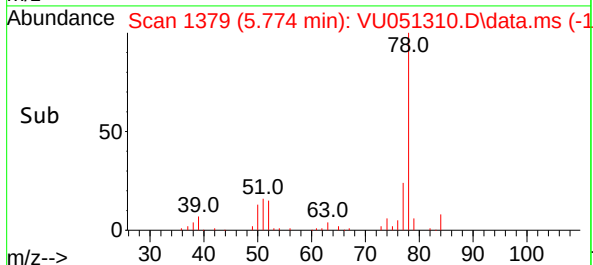
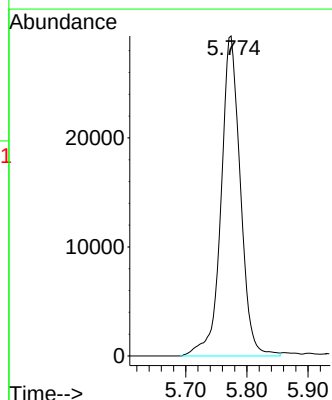
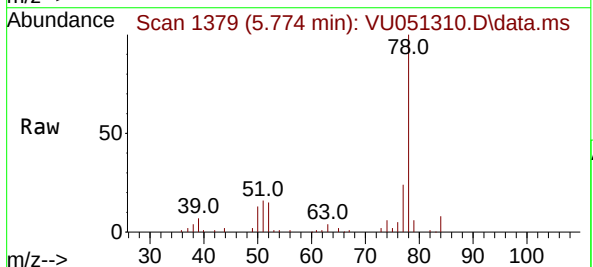
RT: 5.774 min Scan# 1379

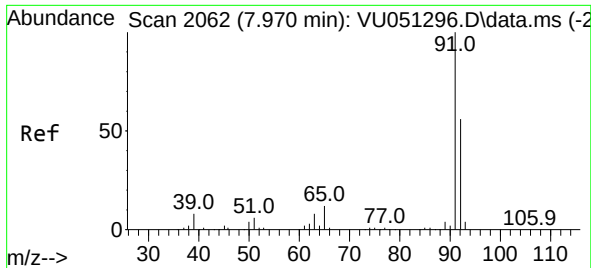
Delta R.T. -0.000 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

Tgt Ion: 78 Resp: 64546





#42

Toluene

Concen: 1.362 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

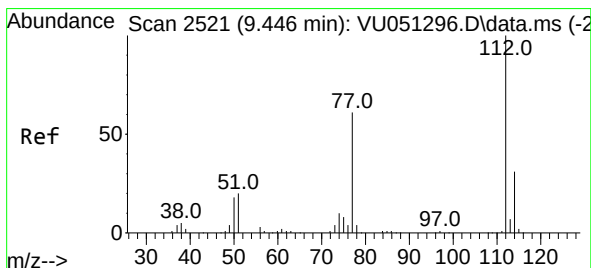
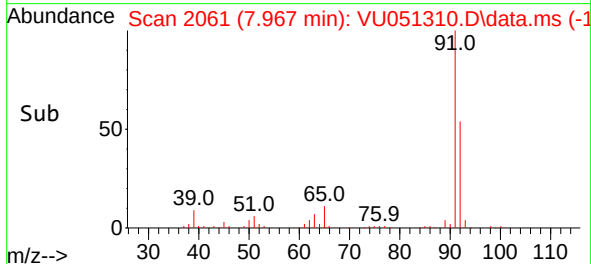
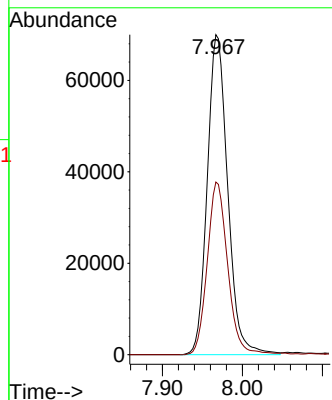
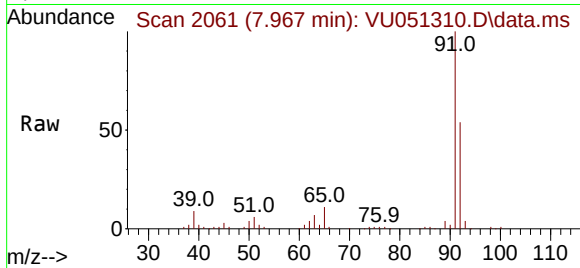
BHA47

Tgt Ion: 91 Resp: 124311

Ion Ratio Lower Upper

91 100

92 53.9 39.9 74.1



#51

Chlorobenzene

Concen: 0.368 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

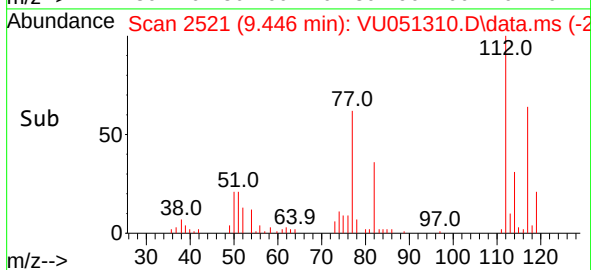
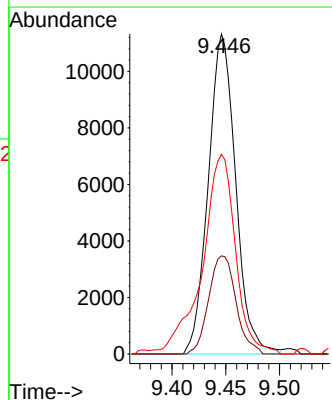
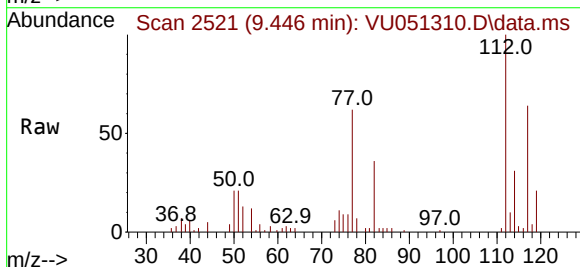
Tgt Ion: 112 Resp: 20048

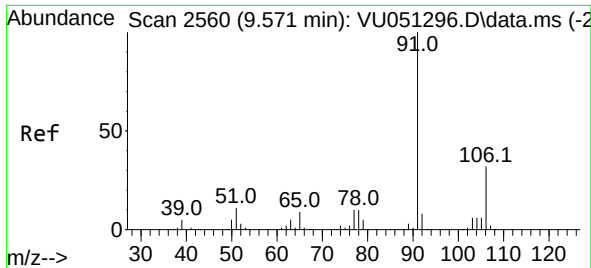
Ion Ratio Lower Upper

112 100

114 30.6 22.3 41.5

77 62.4 48.1 72.1

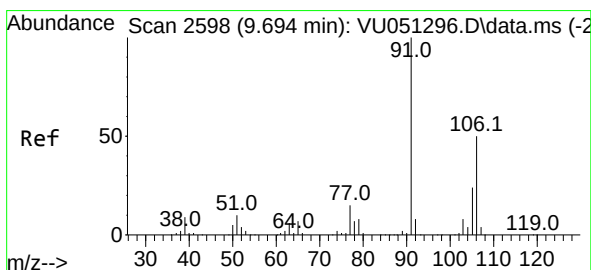
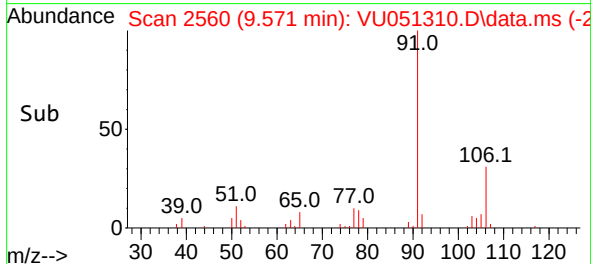
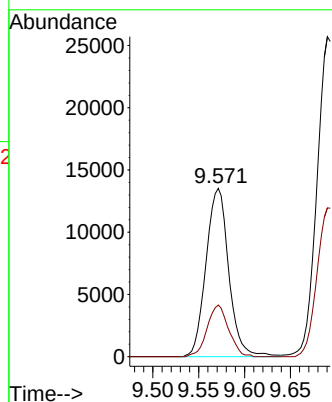
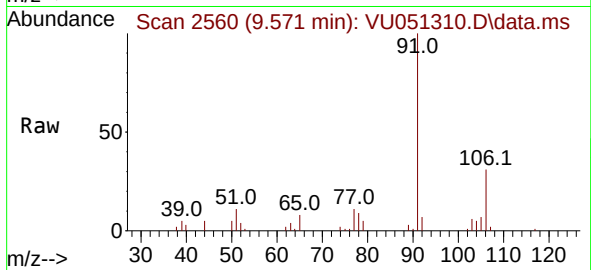




#52
Ethylbenzene
Concen: 0.285 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

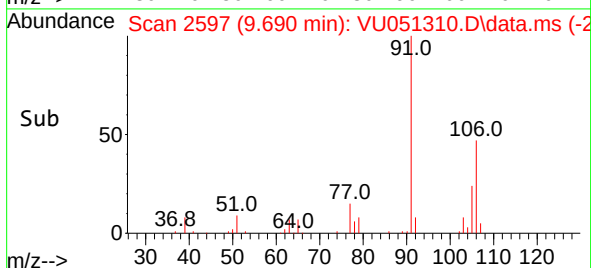
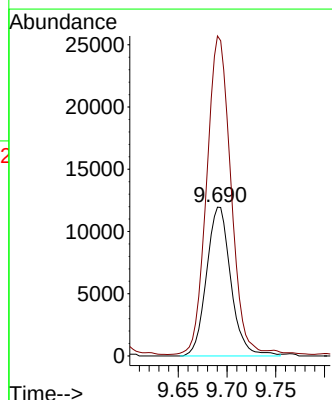
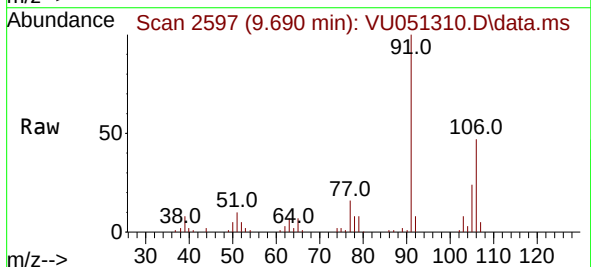
Instrument :
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ClientSampleId :
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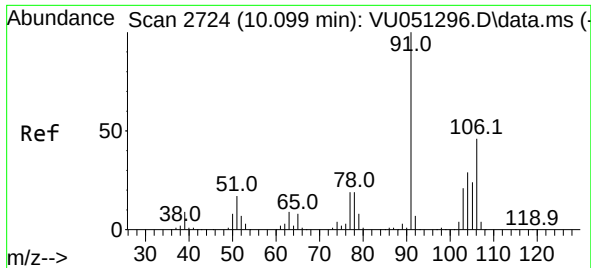
Tgt Ion: 91 Resp: 23367
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 0.653 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion: 106 Resp: 20758
Ion Ratio Lower Upper
106 100
91 215.0 143.9 267.3





#54
 o-Xylene
 Concen: 0.166 ug/L
 RT: 10.099 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051310.D
 Acq: 09 Oct 2022 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA47

Tgt Ion:106 Resp: 4998
 Ion Ratio Lower Upper
 106 100
 91 215.8 154.4 286.8

