

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051518.D
 Acq On : 26 Oct 2022 22:18
 Operator : JC/MD
 Sample : N5300-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA92

Quant Time: Oct 27 08:24:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

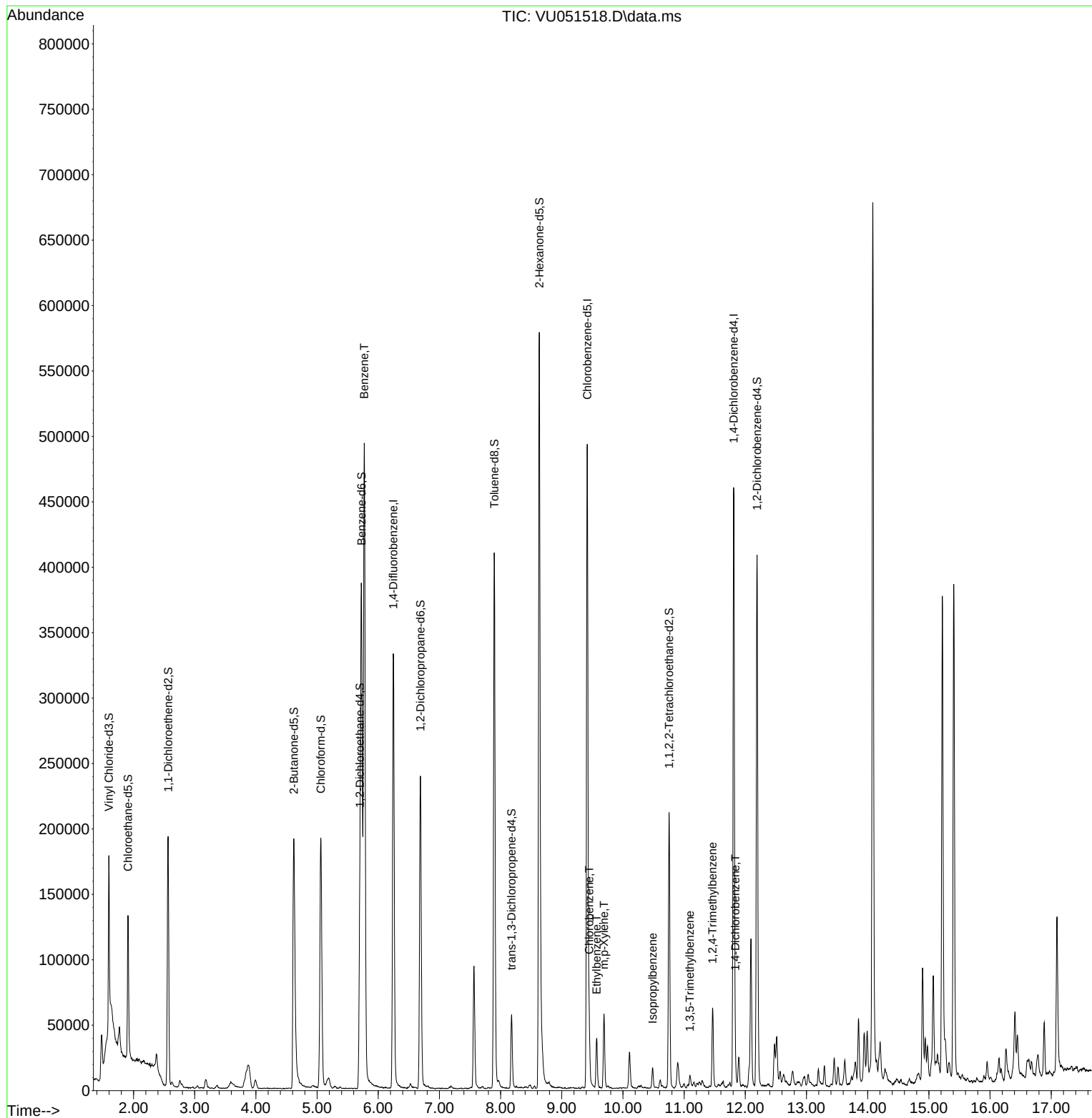
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	279027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	97517	4.333	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.909	69	89002	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.565	65	36236	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.620	46	275078	55.511	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.020%
24) Chloroform-d	5.060	84	179253	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	95459	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.726	84	367779	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.690	67	123040	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.896	98	288982	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	32679	3.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.632	63	196925	65.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.520%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103472	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	110520	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	490068	5.071	ug/L	100
51) Chlorobenzene	9.446	112	24848	0.405	ug/L	98
52) Ethylbenzene	9.568	91	26848	0.291	ug/L	99
53) m,p-Xylene	9.690	106	15442	0.432	ug/L	91
60) Isopropylbenzene	10.484	105	8810	0.112	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	1829	0.088	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	33146	0.562	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	5556	0.145	ug/L	97

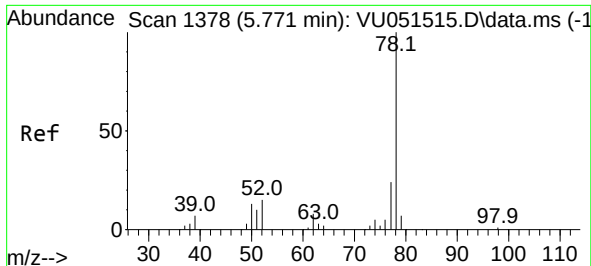
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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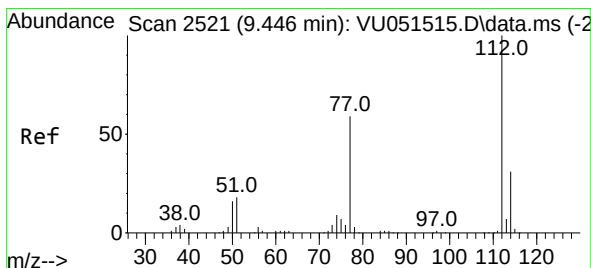
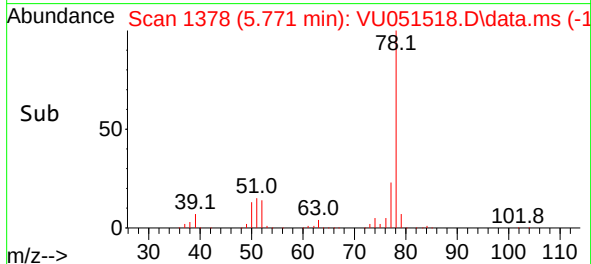
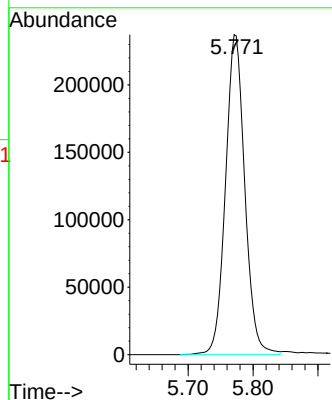
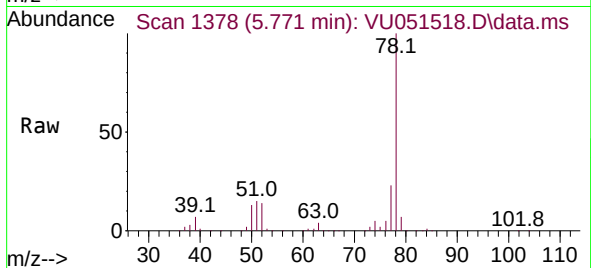




#33
Benzene
Concen: 5.071 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051518.D
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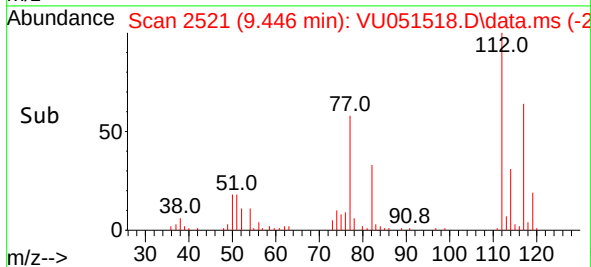
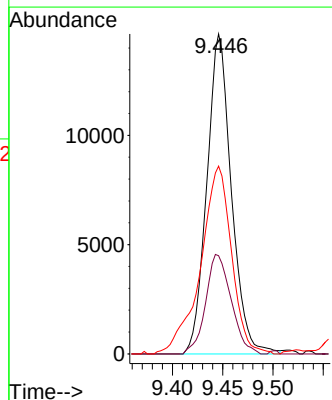
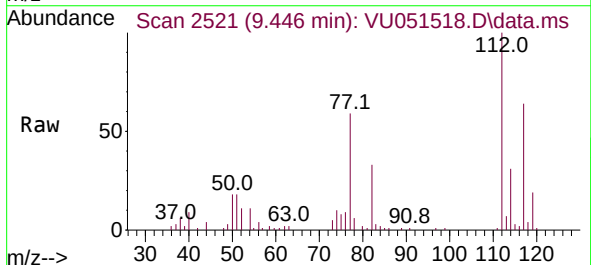
Instrument :
MSVOA_U
ClientSampleId :
BHA92

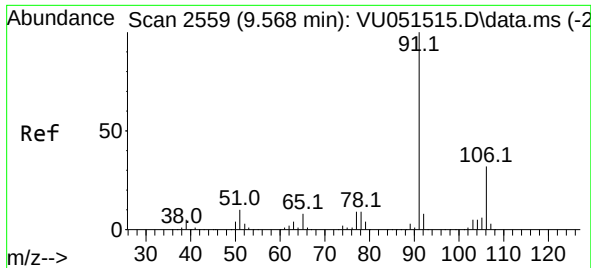
Tgt Ion: 78 Resp: 490068



#51
Chlorobenzene
Concen: 0.405 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051518.D
Acq: 26 Oct 2022 22:18

Tgt Ion: 112 Resp: 24848
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.5
77 58.7 48.1 72.1

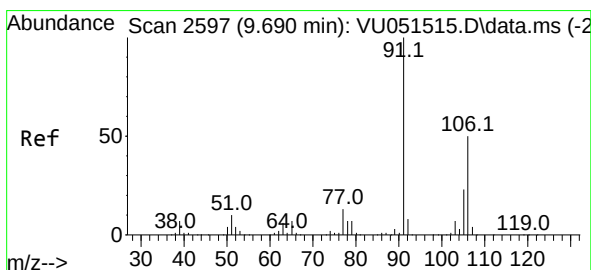
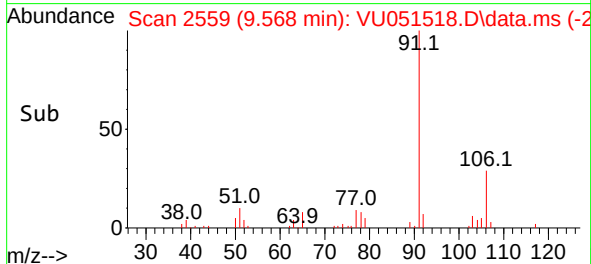
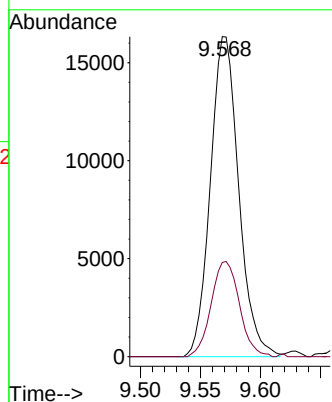
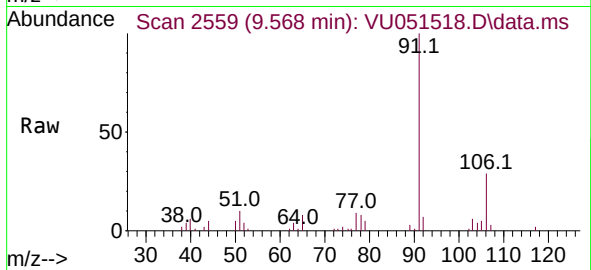




#52
Ethylbenzene
Concen: 0.291 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051518.D
Acq: 26 Oct 2022 22:18

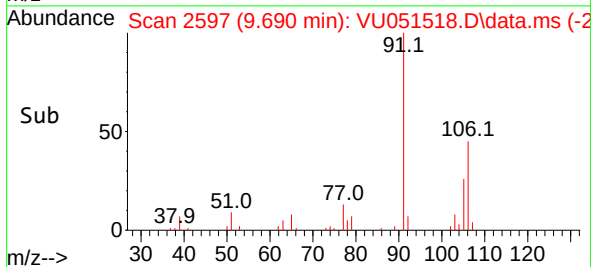
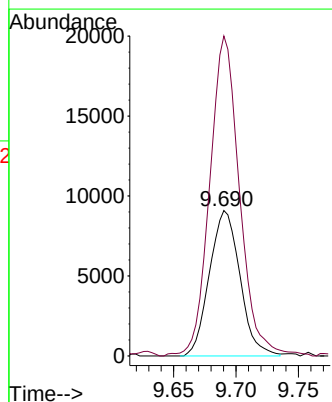
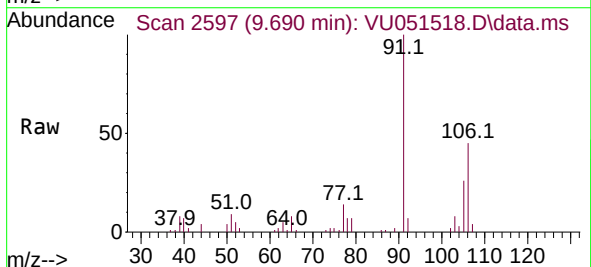
Instrument :
MSVOA_U
ClientSampleId :
BHA92

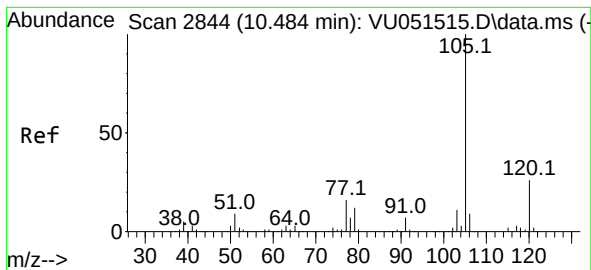
Tgt Ion: 91 Resp: 26848
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.7



#53
m,p-Xylene
Concen: 0.432 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051518.D
Acq: 26 Oct 2022 22:18

Tgt Ion: 106 Resp: 15442
Ion Ratio Lower Upper
106 100
91 220.0 143.9 267.3





#60

Isopropylbenzene

Concen: 0.112 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU051518.D

Acq: 26 Oct 2022 22:18

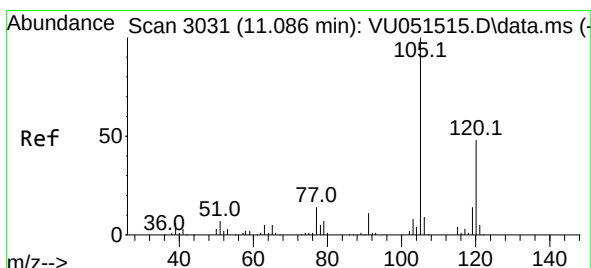
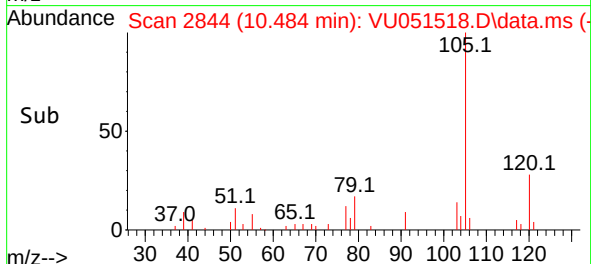
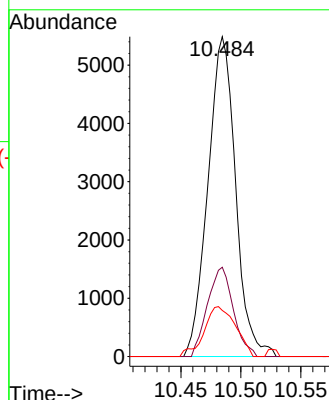
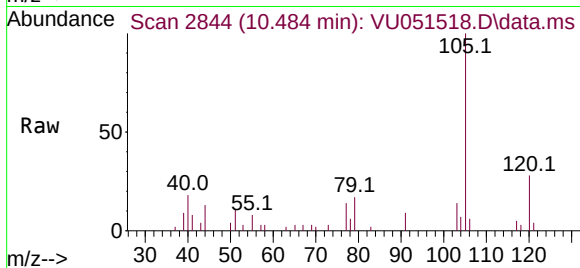
Instrument :

MSVOA_U

ClientSampleId :

BHA92

Tgt Ion:	105	Resp:	8810
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.6	30.8
77	17.7	13.5	20.3



#62

1,3,5-Trimethylbenzene

Concen: 0.088 ug/L

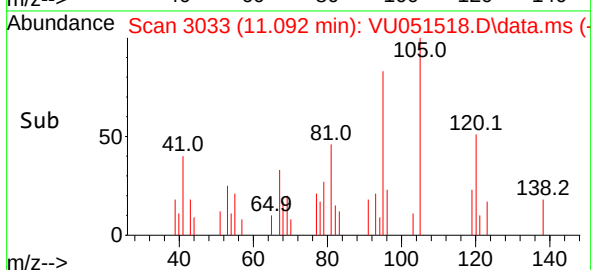
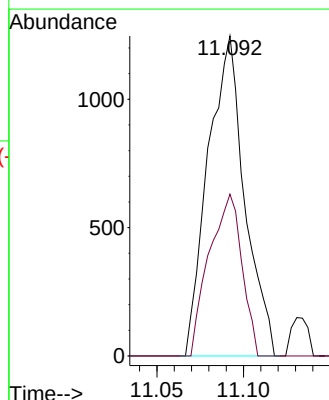
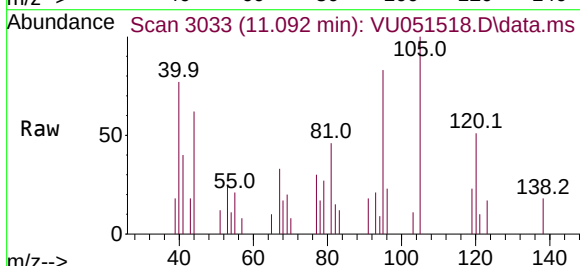
RT: 11.092 min Scan# 3033

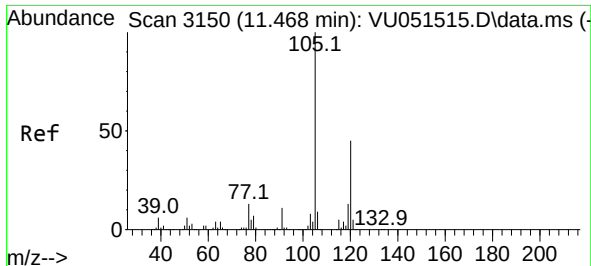
Delta R.T. 0.007 min

Lab File: VU051518.D

Acq: 26 Oct 2022 22:18

Tgt Ion:	105	Resp:	1829
Ion Ratio	Lower	Upper	
105	100		
120	45.1	37.7	56.5

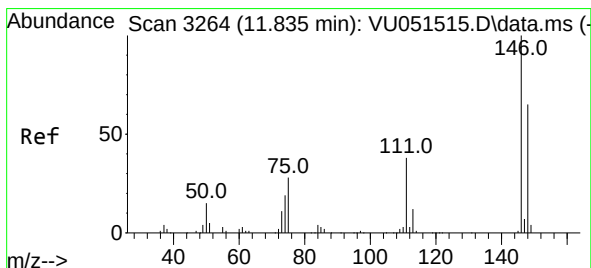
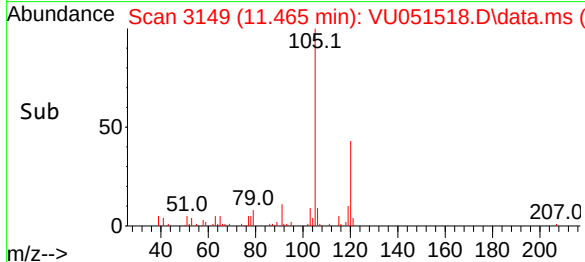
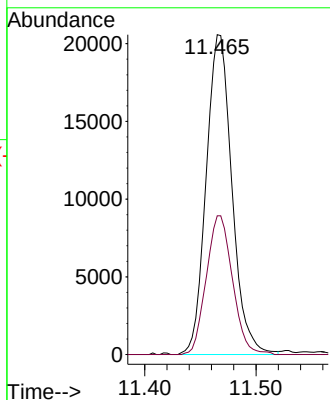
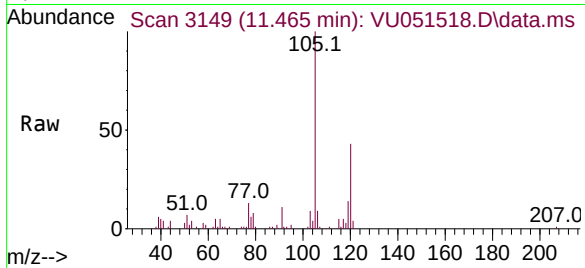




#63
1,2,4-Trimethylbenzene
Concen: 0.562 ug/L
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU051518.D
Acq: 26 Oct 2022 22:18

Instrument :
MSVOA_U
ClientSampleId :
BHA92

Tgt Ion:105 Resp: 33146
Ion Ratio Lower Upper
105 100
120 44.1 35.6 53.4



#65
1,4-Dichlorobenzene
Concen: 0.145 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051518.D
Acq: 26 Oct 2022 22:18

Tgt Ion:146 Resp: 5556
Ion Ratio Lower Upper
146 100
111 43.9 29.1 54.1
148 61.2 44.2 82.0

