

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051578.D
 Acq On : 28 Oct 2022 19:36
 Operator : JC/MD
 Sample : N5300-09DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC5DL2

Quant Time: Oct 28 22:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

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

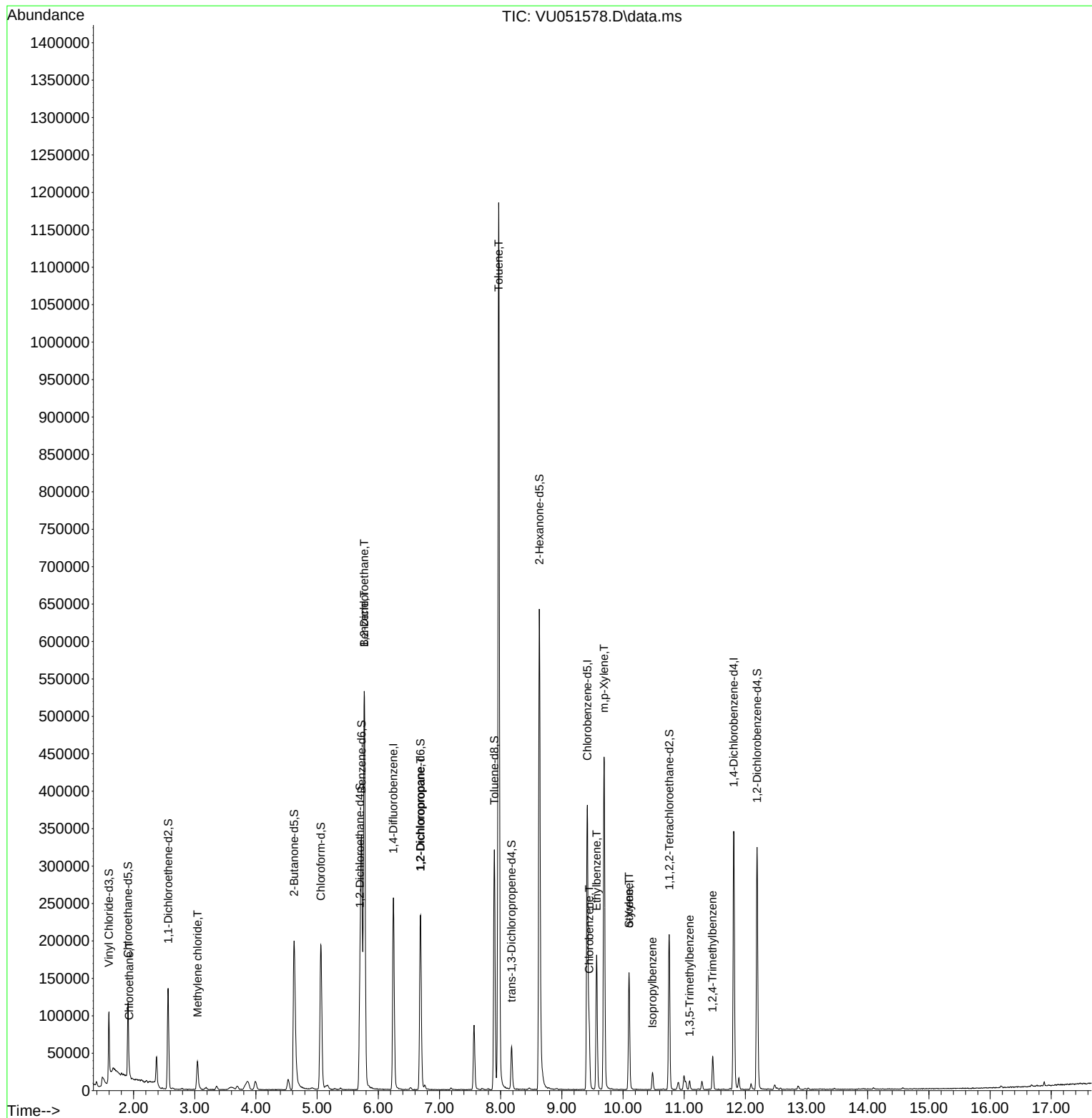
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	211659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68660	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.909	69	77918	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.565	65	24348	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.623	46	288787	50.022	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.040%
24) Chloroform-d	5.060	84	178136	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.700	65	96787	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.726	84	326777	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.690	67	118871	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.896	98	221879	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.179	79	32750	4.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.632	63	222664	50.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	106963	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	87670	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
8) Chloroethane	1.928	64	3594	0.212	ug/L #	69
16) Methylene chloride	3.044	84	18718	0.621	ug/L	94
27) 1,2-Dichloroethane	5.771	62	4243	0.182	ug/L #	75
33) Benzene	5.771	78	523010	6.047	ug/L	100
37) 1,2-Dichloropropane	6.687	63	11544	0.519	ug/L #	88
42) Toluene	7.967	91	896369	10.091	ug/L	99
51) Chlorobenzene	9.446	112	46417	0.830	ug/L	98
52) Ethylbenzene	9.568	91	126984	1.482	ug/L	97
53) m,p-Xylene	9.690	106	128745	3.867	ug/L	97
54) o-Xylene	10.099	106	42296	1.300	ug/L	92
55) Styrene	10.099	104	3491	0.064	ug/L #	1
60) Isopropylbenzene	10.481	105	14873	0.213	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	7061	0.376	ug/L	88
63) 1,2,4-Trimethylbenzene	11.465	105	23638	0.437	ug/L	93

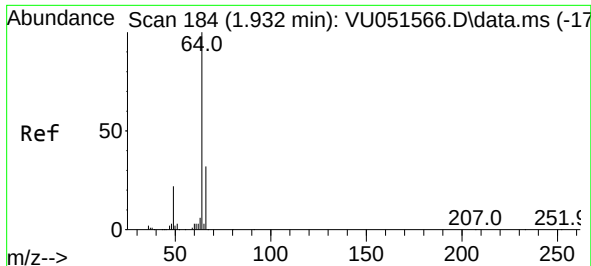
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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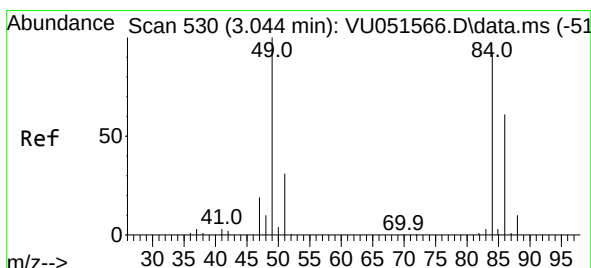
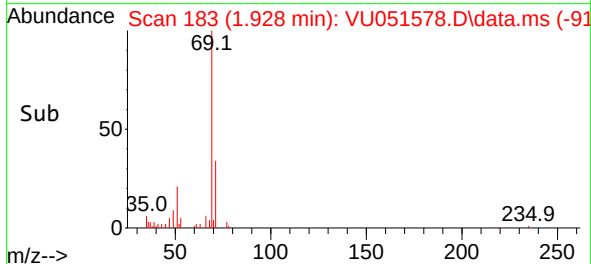
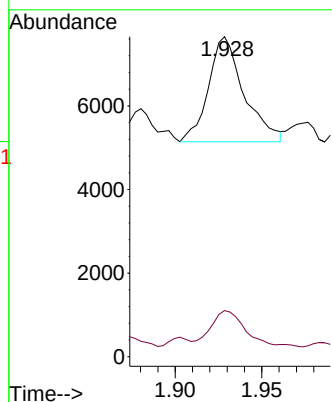
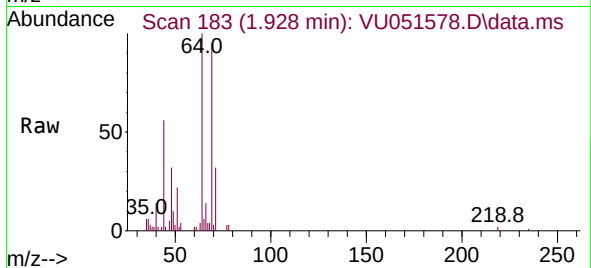




#8
Chloroethane
Concen: 0.212 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

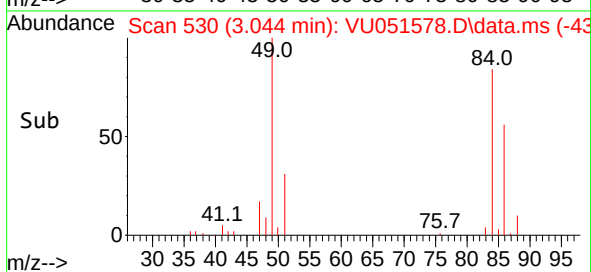
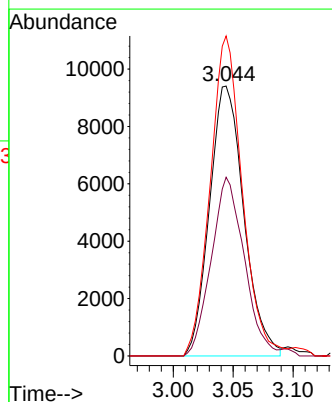
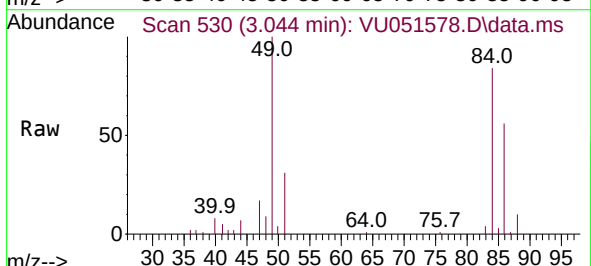
Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL2

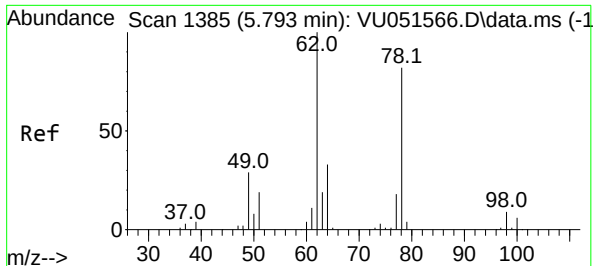
Tgt Ion: 64 Resp: 3594
Ion Ratio Lower Upper
64 100
66 14.4 22.3 41.5#



#16
Methylene chloride
Concen: 0.621 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Tgt Ion: 84 Resp: 18718
Ion Ratio Lower Upper
84 100
86 66.2 46.3 85.9
49 118.6 76.0 141.2





#27

1,2-Dichloroethane

Concen: 0.182 ug/L

RT: 5.771 min Scan# 1378

Delta R.T. -0.023 min

Lab File: VU051578.D

Acq: 28 Oct 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

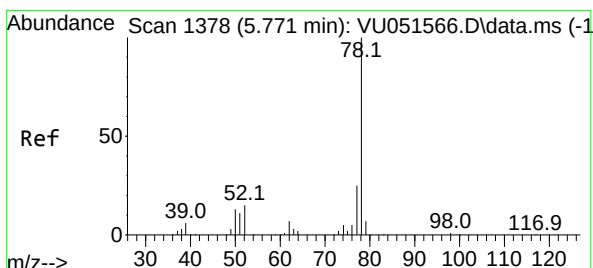
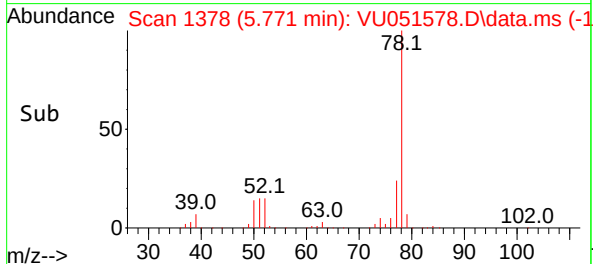
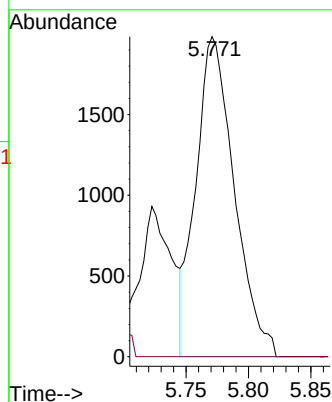
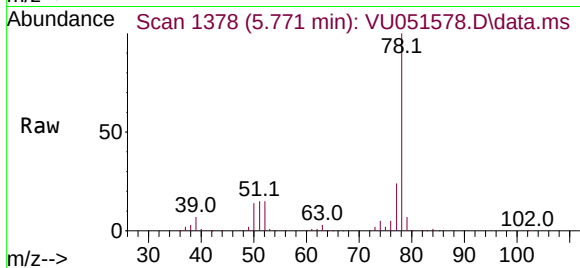
BHAC5DL2

Tgt Ion: 62 Resp: 4243

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 6.047 ug/L

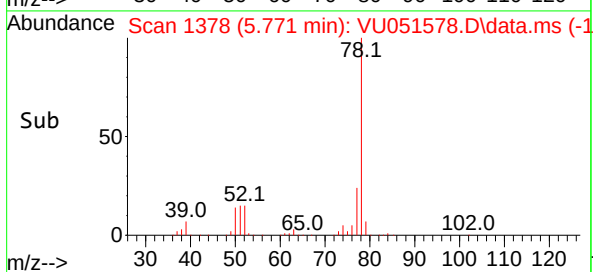
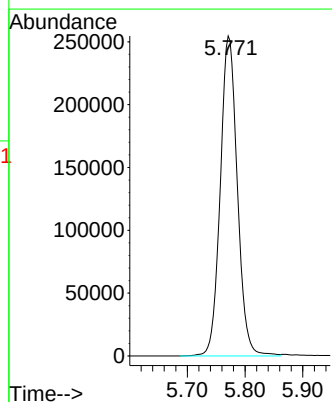
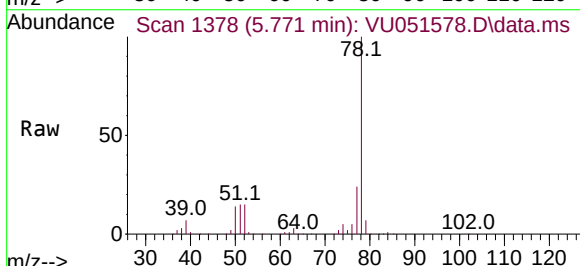
RT: 5.771 min Scan# 1378

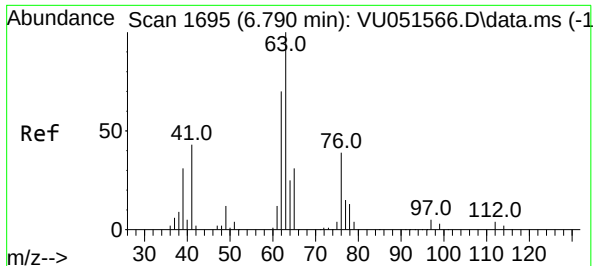
Delta R.T. -0.000 min

Lab File: VU051578.D

Acq: 28 Oct 2022 19:36

Tgt Ion: 78 Resp: 523010





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051578.D

Acq: 28 Oct 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

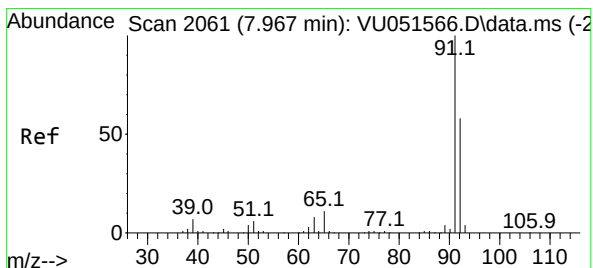
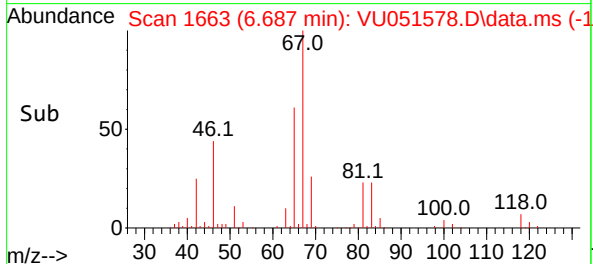
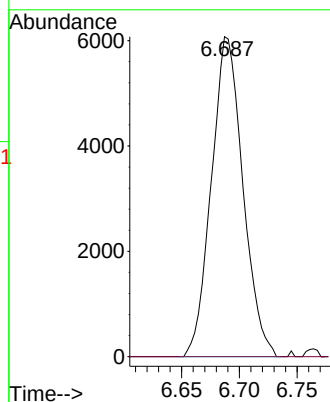
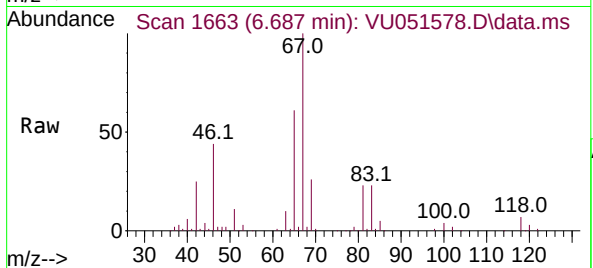
BHAC5DL2

Tgt Ion: 63 Resp: 11544

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 10.091 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051578.D

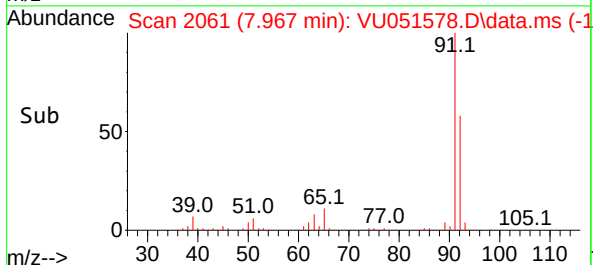
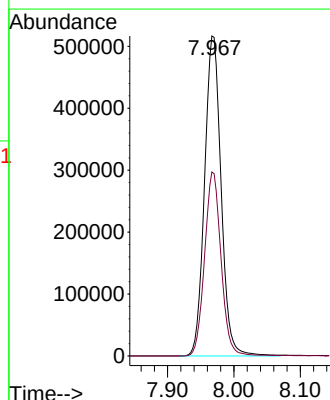
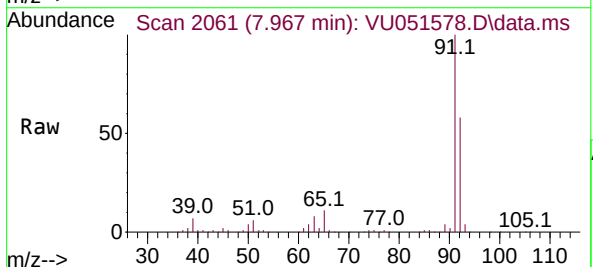
Acq: 28 Oct 2022 19:36

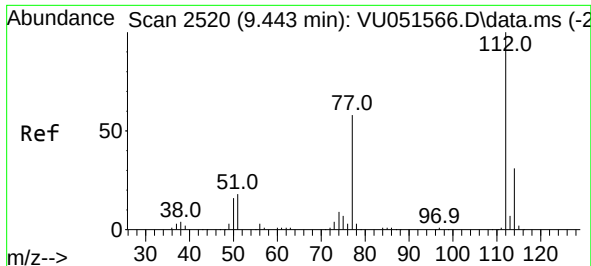
Tgt Ion: 91 Resp: 896369

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3

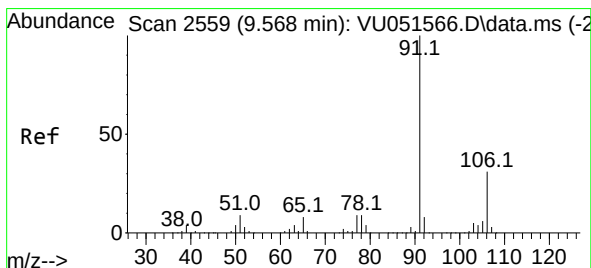
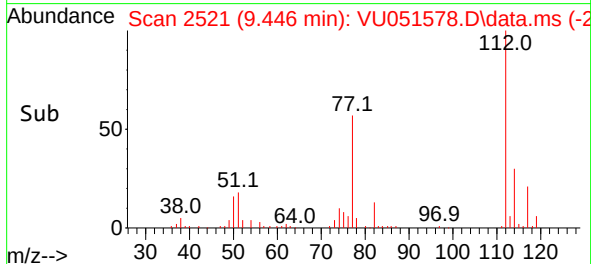
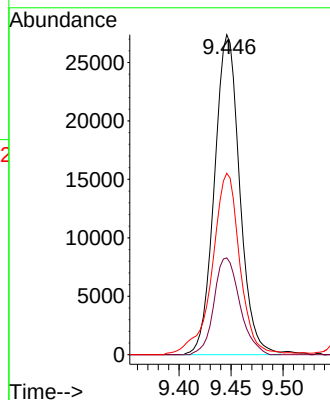
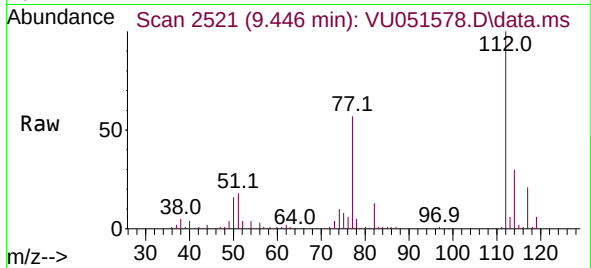




#51
Chlorobenzene
Concen: 0.830 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

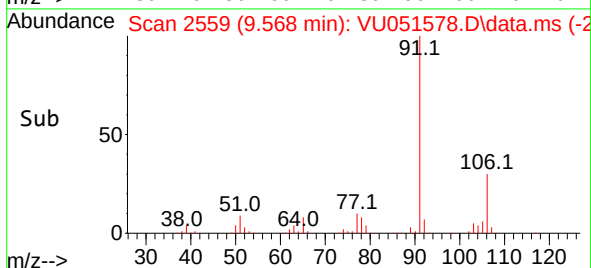
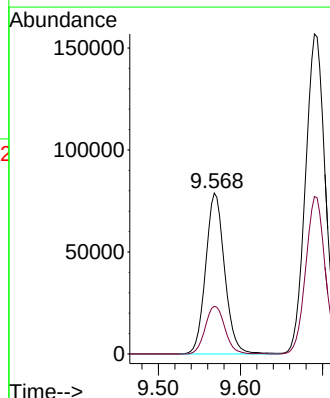
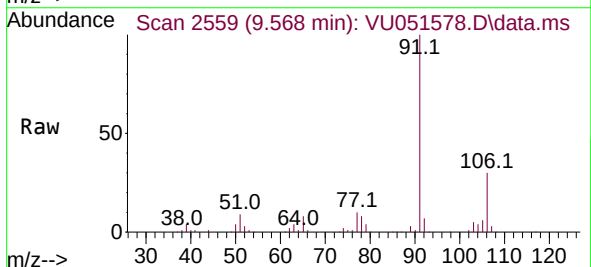
Instrument :
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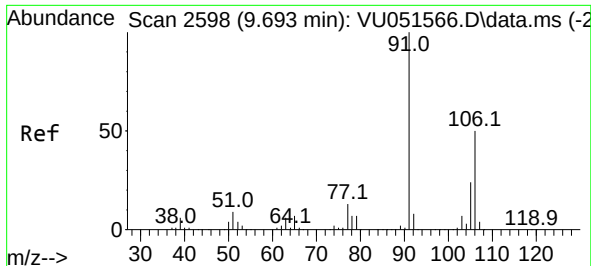
Tgt Ion:112 Resp: 46417
Ion Ratio Lower Upper
112 100
114 30.2 22.0 40.8
77 56.7 46.7 70.1



#52
Ethylbenzene
Concen: 1.482 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Tgt Ion: 91 Resp: 126984
Ion Ratio Lower Upper
91 100
106 29.6 21.8 40.6

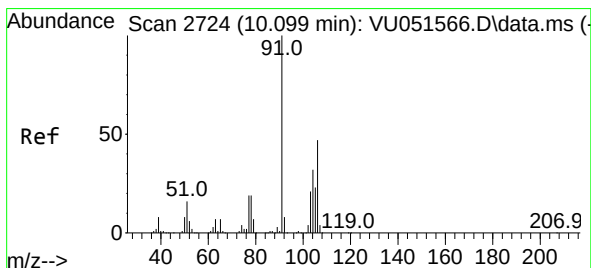
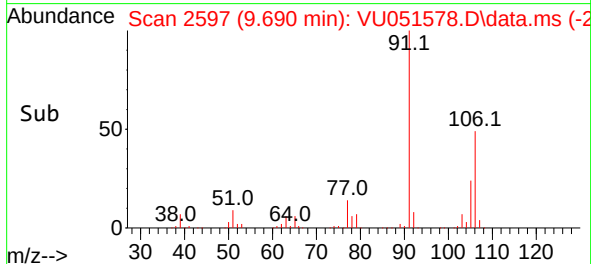
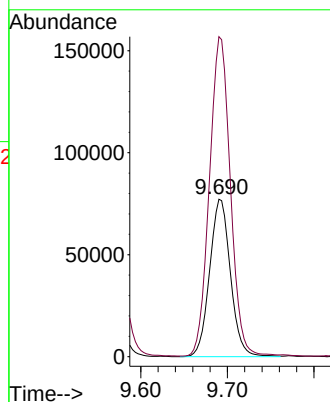
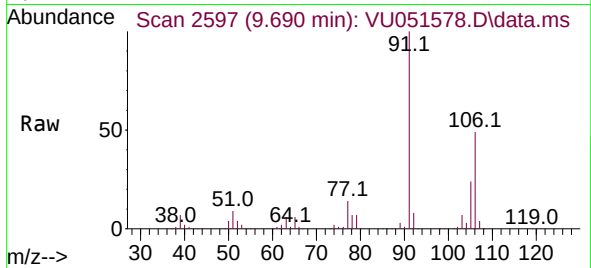




#53
m,p-Xylene
Concen: 3.867 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

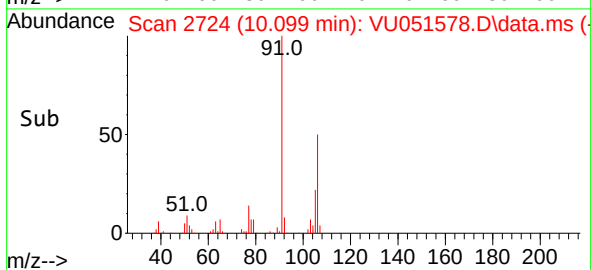
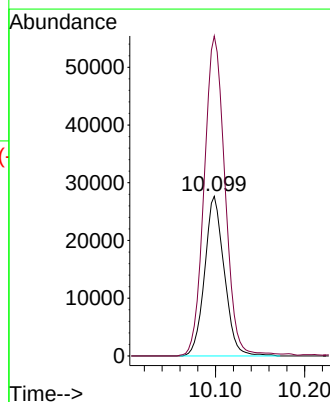
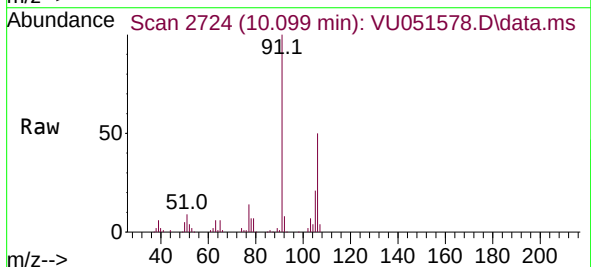
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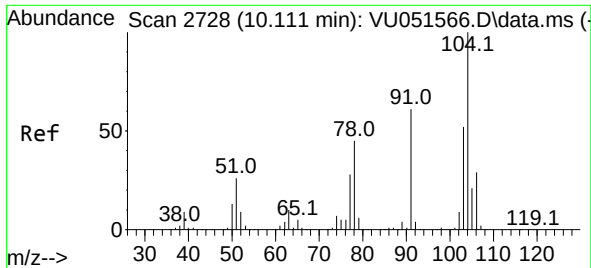
Tgt Ion:106 Resp: 128745
Ion Ratio Lower Upper
106 100
91 203.3 139.4 259.0



#54
o-Xylene
Concen: 1.300 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Tgt Ion:106 Resp: 42296
Ion Ratio Lower Upper
106 100
91 200.4 149.2 277.2

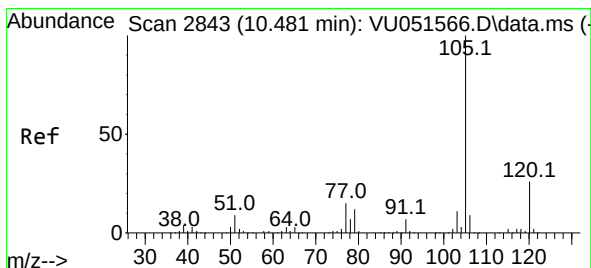
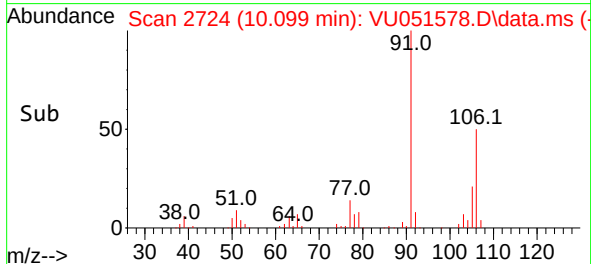
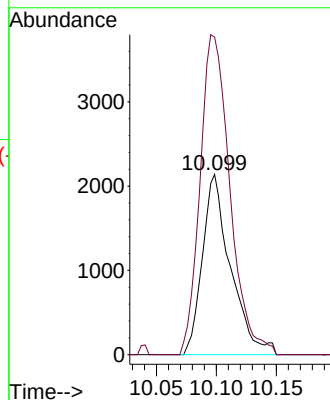
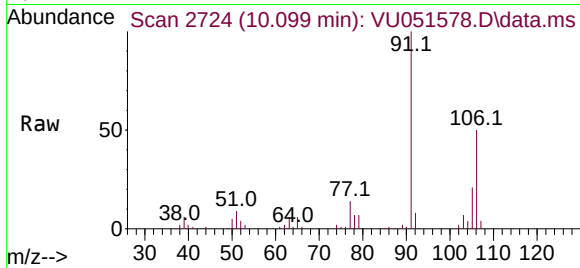




#55
Styrene
Concen: 0.064 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

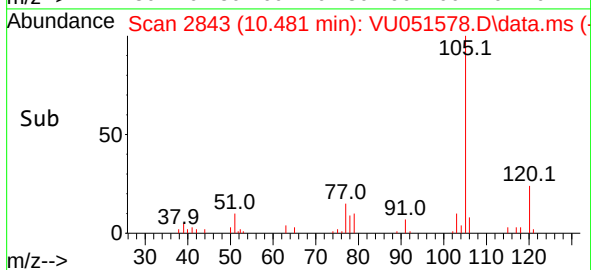
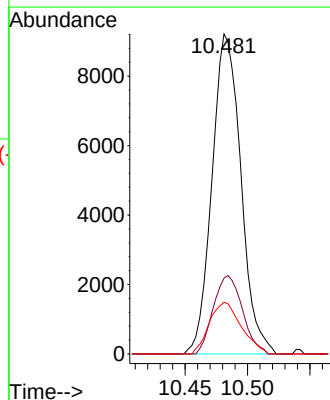
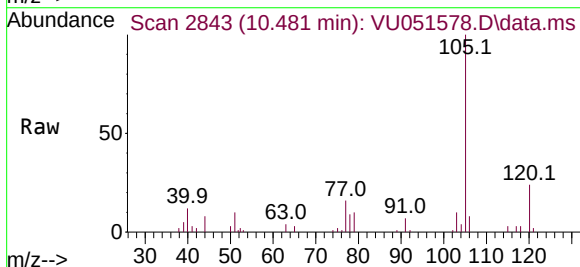
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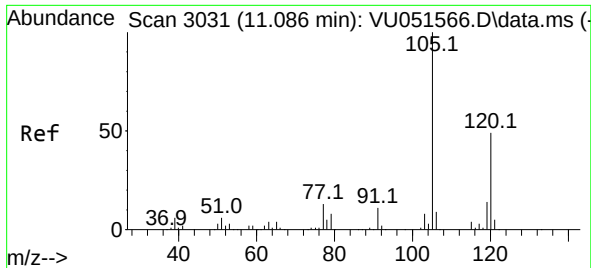
Tgt Ion:104 Resp: 3491
Ion Ratio Lower Upper
104 100
78 176.2 31.8 59.0#



#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Tgt Ion:105 Resp: 14873
Ion Ratio Lower Upper
105 100
120 24.6 20.9 31.3
77 17.9 12.3 18.5

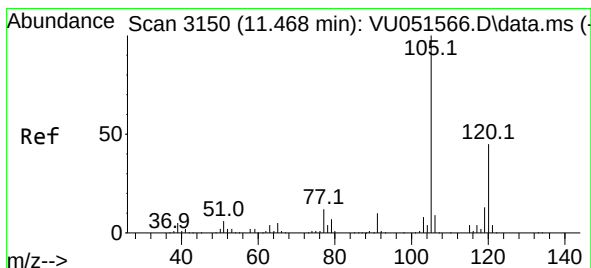
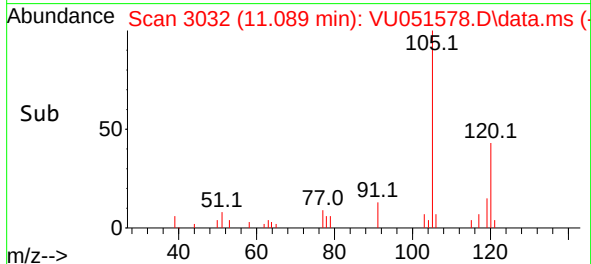
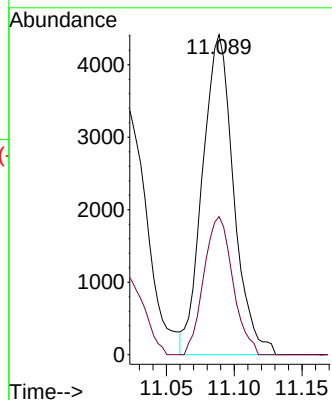
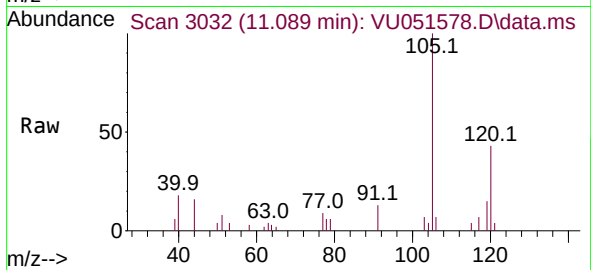




#62
1,3,5-Trimethylbenzene
Concen: 0.376 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
BHAC5DL2

Tgt Ion:105 Resp: 7061
Ion Ratio Lower Upper
105 100
120 40.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 0.437 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051578.D
Acq: 28 Oct 2022 19:36

Tgt Ion:105 Resp: 23638
Ion Ratio Lower Upper
105 100
120 49.2 35.8 53.6

