

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051573.D
 Acq On : 28 Oct 2022 17:29
 Operator : JC/MD
 Sample : N5300-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA88

Quant Time: Oct 28 22:53:03 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)

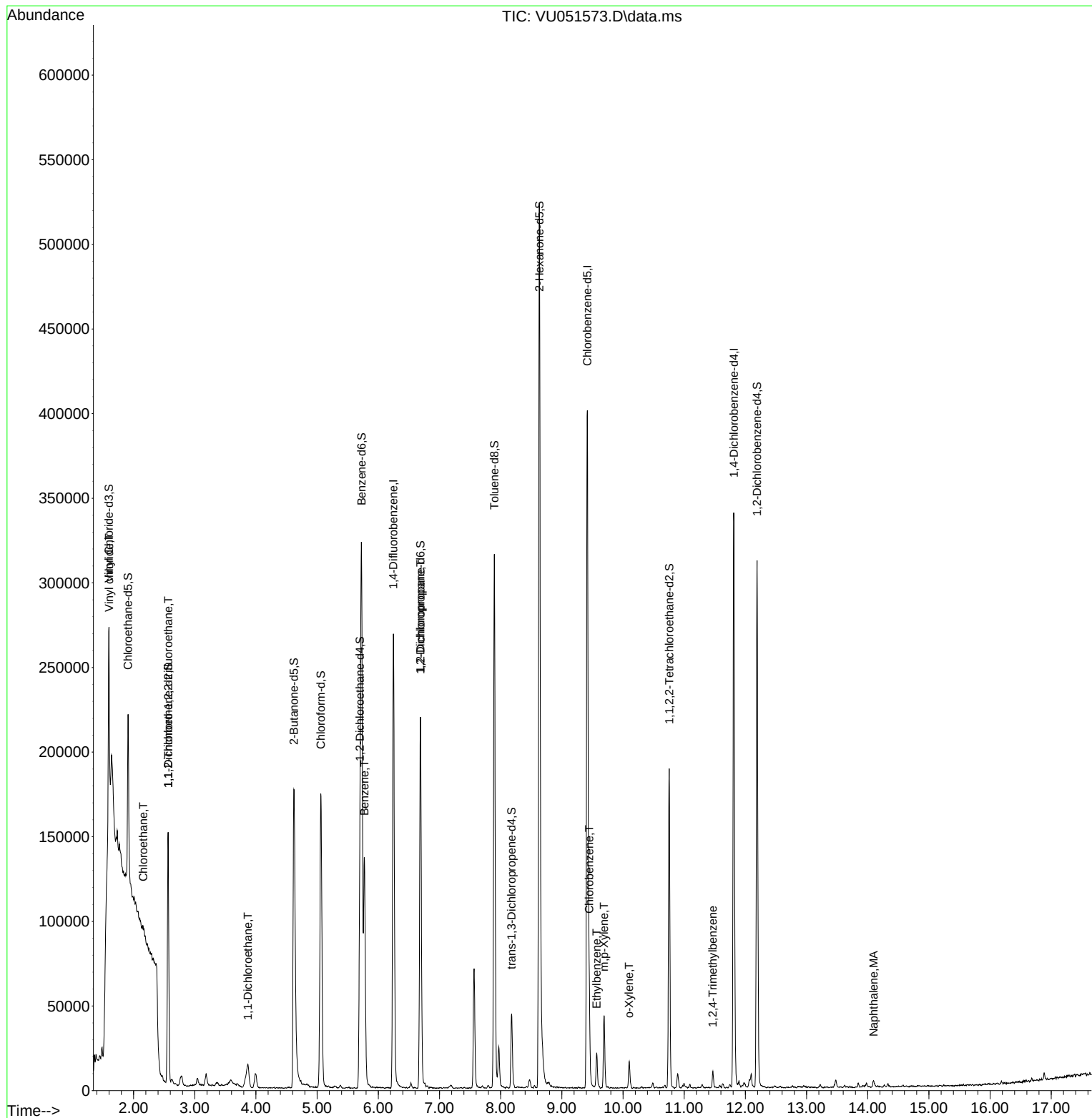
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84675	5.058	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.909	69	77445	4.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.565	65	27440	4.517	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.620	46	241097	39.768	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.540%	
24) Chloroform-d	5.060	84	162213	4.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.700	65	89892	4.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
32) Benzene-d6	5.726	84	313907	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.690	67	109968	4.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.896	98	222937	3.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.179	79	26202	3.336	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.800%	
46) 2-Hexanone-d5	8.632	63	172166	36.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.820%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95454	4.055	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	84645	4.934	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	3371	0.115	ug/L #	1
8) Chloroethane	2.157	64	5219	0.293	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1068	0.056	ug/L #	19
19) 1,1-Dichloroethane	3.867	63	4041	0.106	ug/L	99
33) Benzene	5.774	78	134226	1.461	ug/L	100
37) 1,2-Dichloropropane	6.687	63	11426	0.484	ug/L #	88
51) Chlorobenzene	9.446	112	31504	0.531	ug/L	94
52) Ethylbenzene	9.568	91	14656	0.161	ug/L	100
53) m,p-Xylene	9.690	106	12703	0.359	ug/L	95
54) o-Xylene	10.099	106	4689	0.136	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	5371	0.101	ug/L	92
71) Naphthalene	14.098	128	4630	0.133	ug/L #	89

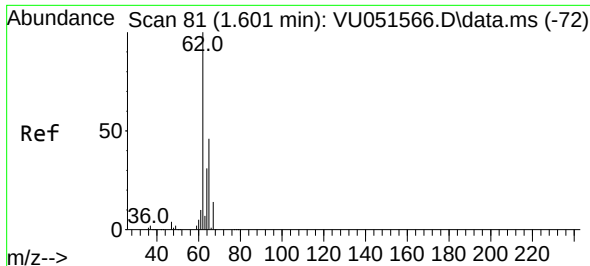
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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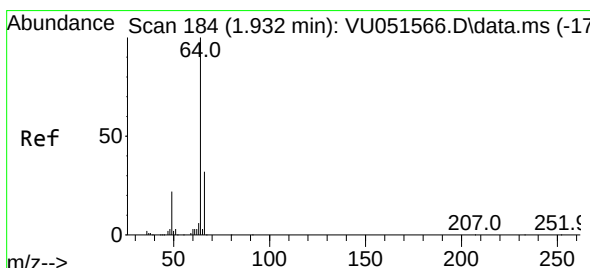
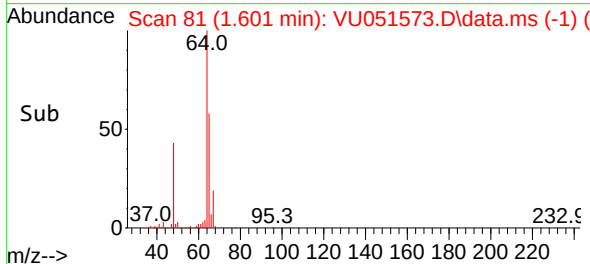
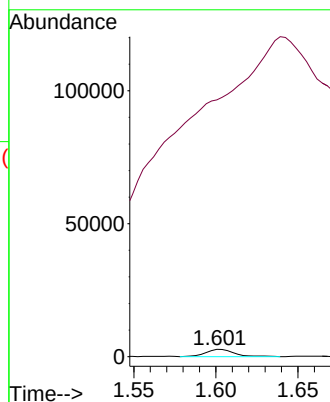
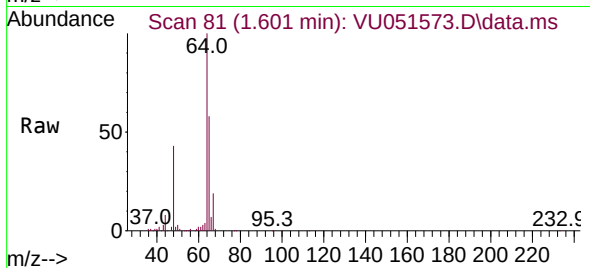




#5
 Vinyl chloride
 Concen: 0.115 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051573.D
 Acq: 28 Oct 2022 17:29

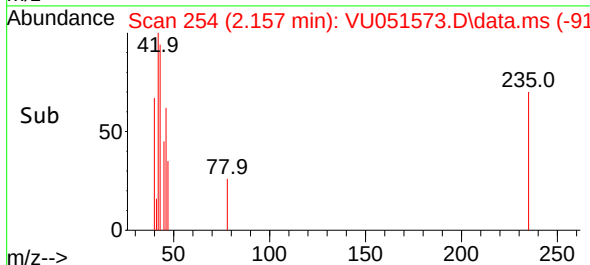
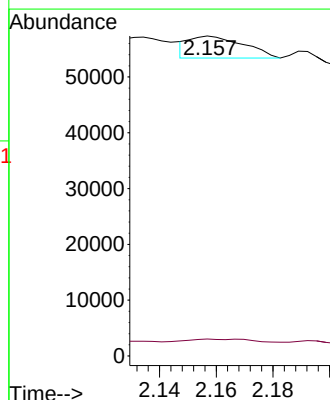
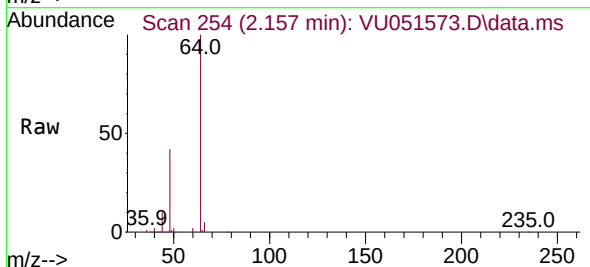
Instrument :
 MSVOA_U
 ClientSampleId :
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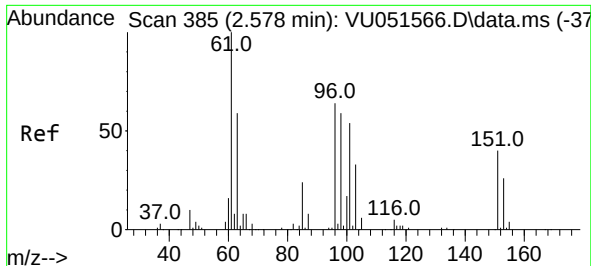
Tgt Ion: 62 Resp: 3371
 Ion Ratio Lower Upper
 62 100
 64 3507.6 22.1 41.1#



#8
 Chloroethane
 Concen: 0.293 ug/L
 RT: 2.157 min Scan# 254
 Delta R.T. 0.225 min
 Lab File: VU051573.D
 Acq: 28 Oct 2022 17:29

Tgt Ion: 64 Resp: 5219
 Ion Ratio Lower Upper
 64 100
 66 5.3 22.3 41.5#

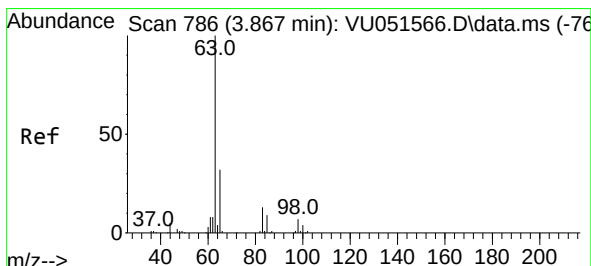
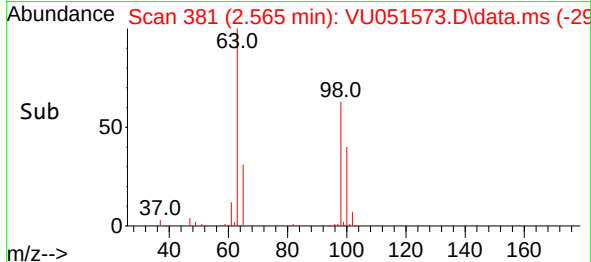
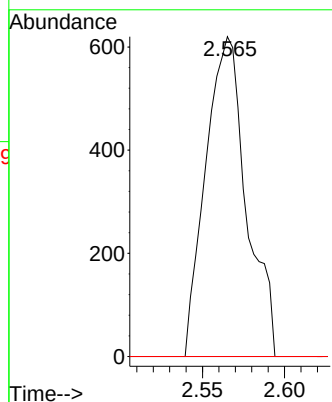
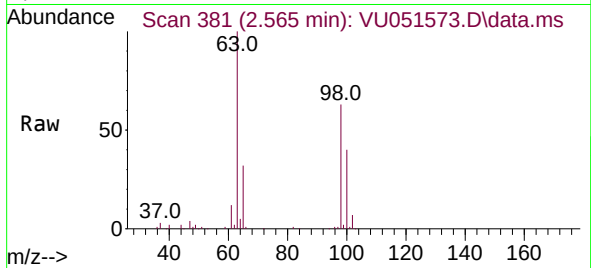




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051573.D
 Acq: 28 Oct 2022 17:29

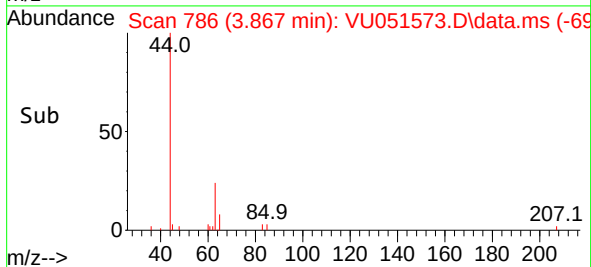
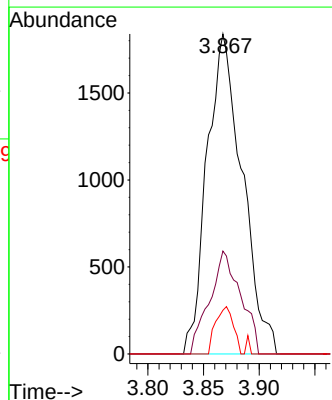
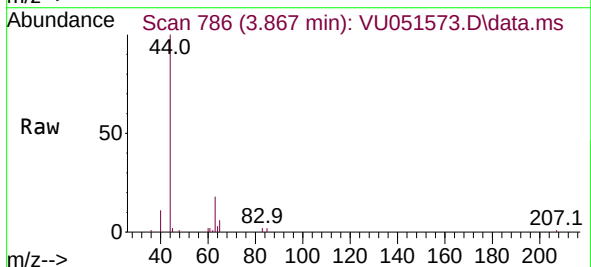
Instrument :
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 ClientSampleId :
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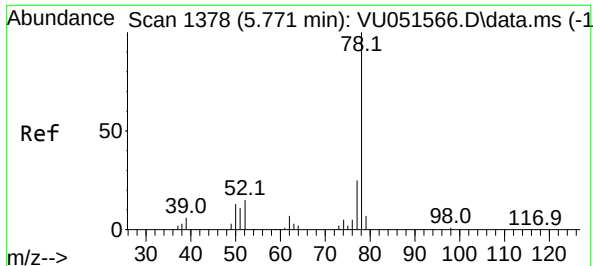
Tgt Ion:101 Resp: 1068
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#19
 1,1-Dichloroethane
 Concen: 0.106 ug/L
 RT: 3.867 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VU051573.D
 Acq: 28 Oct 2022 17:29

Tgt Ion: 63 Resp: 4041
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.7 42.1
 83 13.6 9.2 17.0

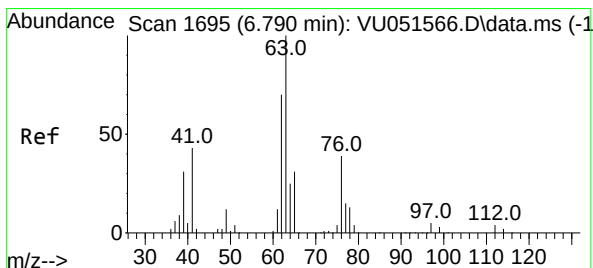
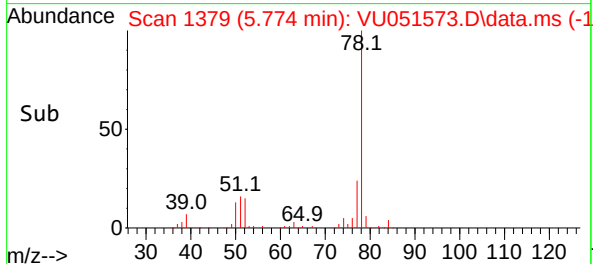
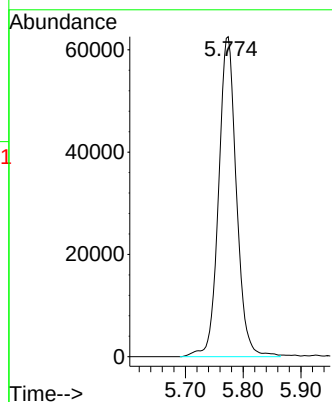
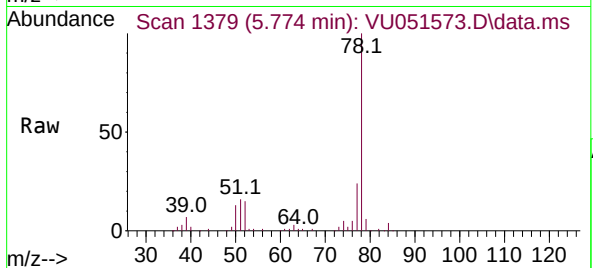




#33
Benzene
Concen: 1.461 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

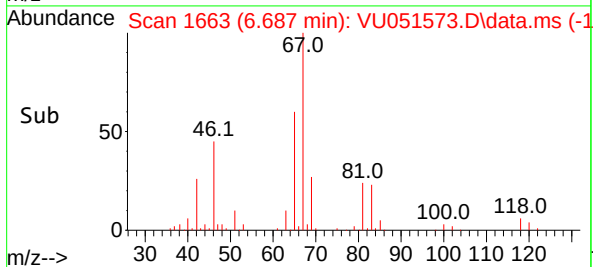
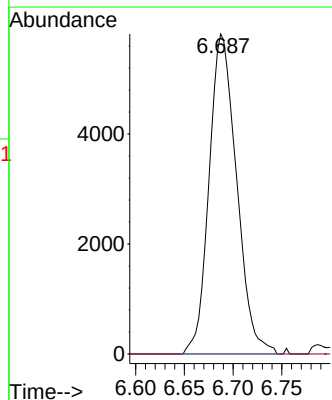
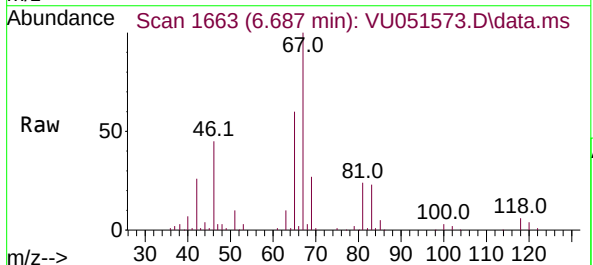
Instrument :
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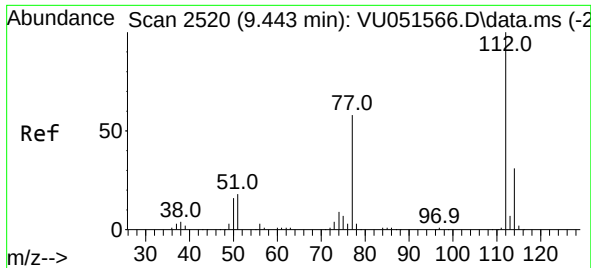
Tgt Ion: 78 Resp: 134226



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion: 63 Resp: 11426
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

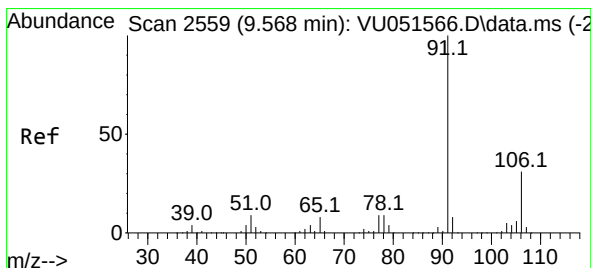
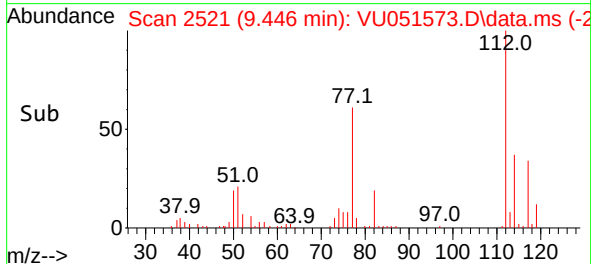
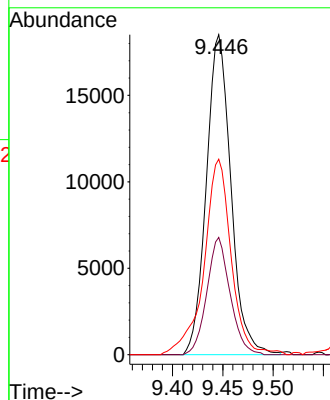
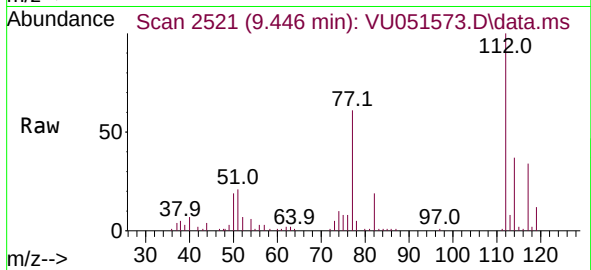




#51
Chlorobenzene
Concen: 0.531 ug/L
RT: 9.446 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

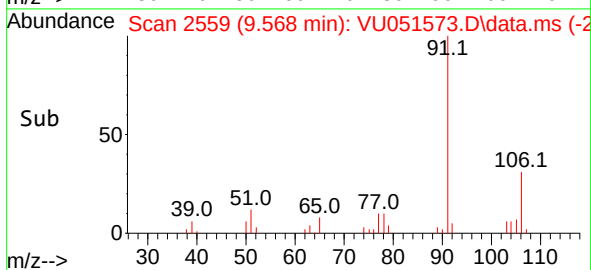
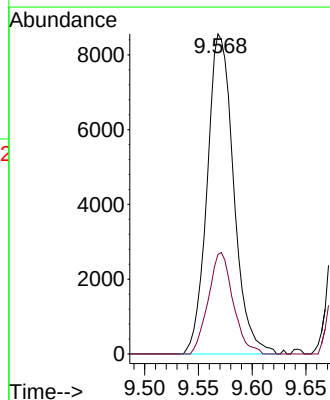
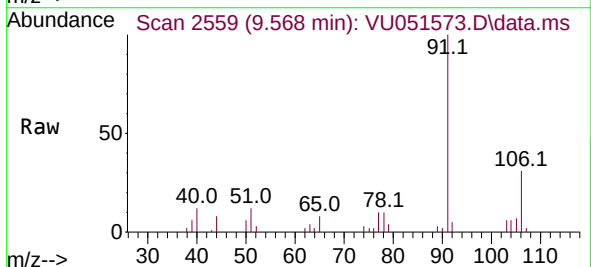
Instrument :
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ClientSampleId :
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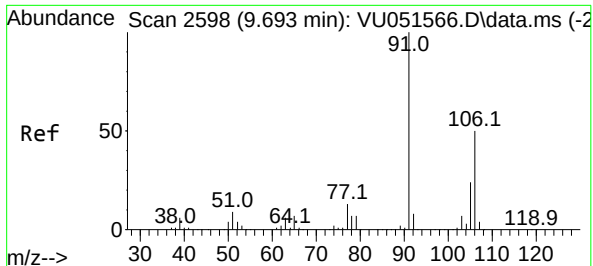
Tgt Ion:112 Resp: 31504
Ion Ratio Lower Upper
112 100
114 36.7 22.0 40.8
77 61.1 46.7 70.1



#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion: 91 Resp: 14656
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6





#53

m,p-Xylene

Concen: 0.359 ug/L

RT: 9.690 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU051573.D

Acq: 28 Oct 2022 17:29

Instrument :

MSVOA_U

ClientSampleId :

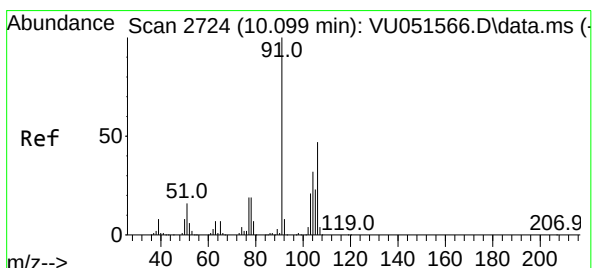
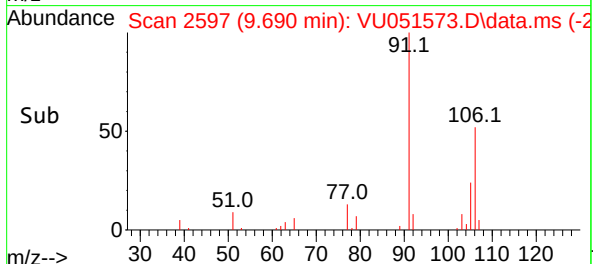
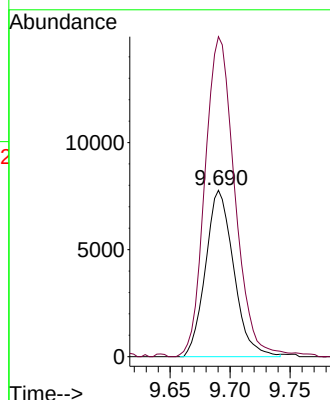
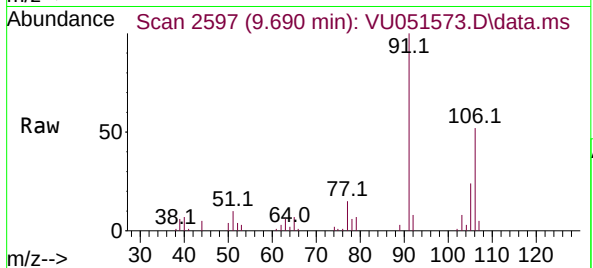
BHA88

Tgt Ion:106 Resp: 12703

Ion Ratio Lower Upper

106 100

91 192.2 139.4 259.0



#54

o-Xylene

Concen: 0.136 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051573.D

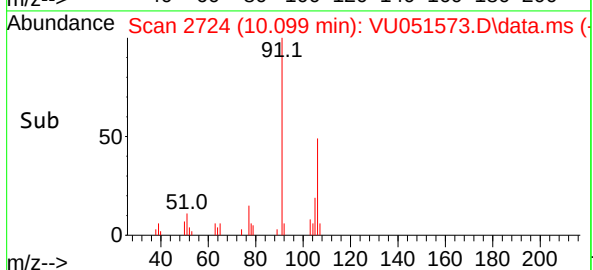
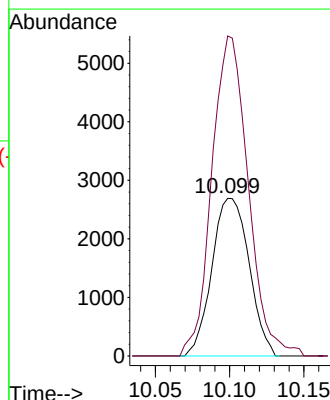
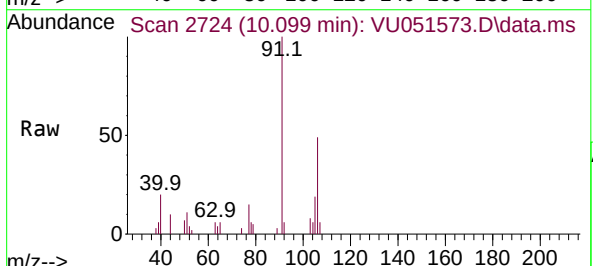
Acq: 28 Oct 2022 17:29

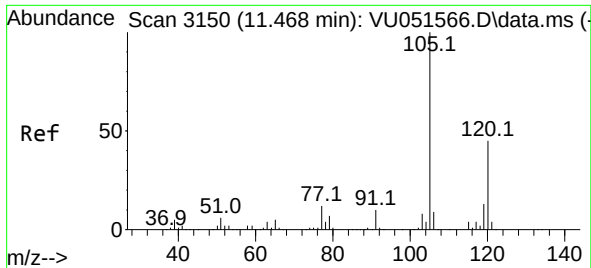
Tgt Ion:106 Resp: 4689

Ion Ratio Lower Upper

106 100

91 203.0 149.2 277.2

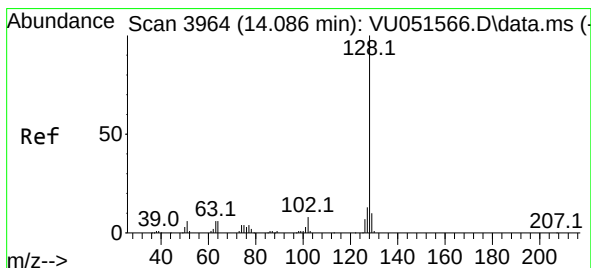
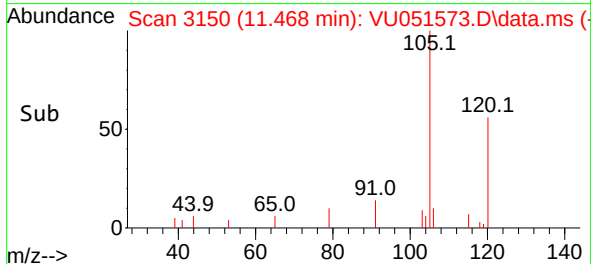
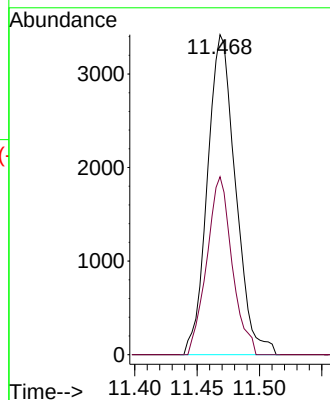
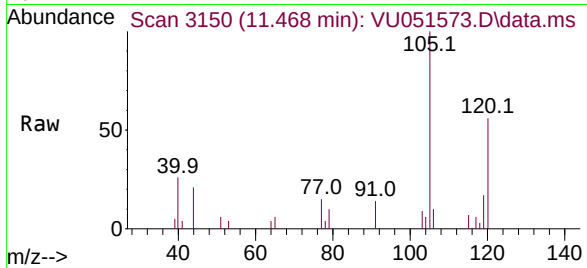




#63
1,2,4-Trimethylbenzene
Concen: 0.101 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
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Tgt Ion:105 Resp: 5371
Ion Ratio Lower Upper
105 100
120 49.9 35.8 53.6



#71
Naphthalene
Concen: 0.133 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion:128 Resp: 4630
Ion Ratio Lower Upper
128 100
129 5.7 8.4 12.6#
127 9.0 10.3 15.5#

