

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052113.D
 Acq On : 24 Nov 2022 02:57
 Operator : JC/MD
 Sample : N5759-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHB81

Quant Time: Nov 24 07:01:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

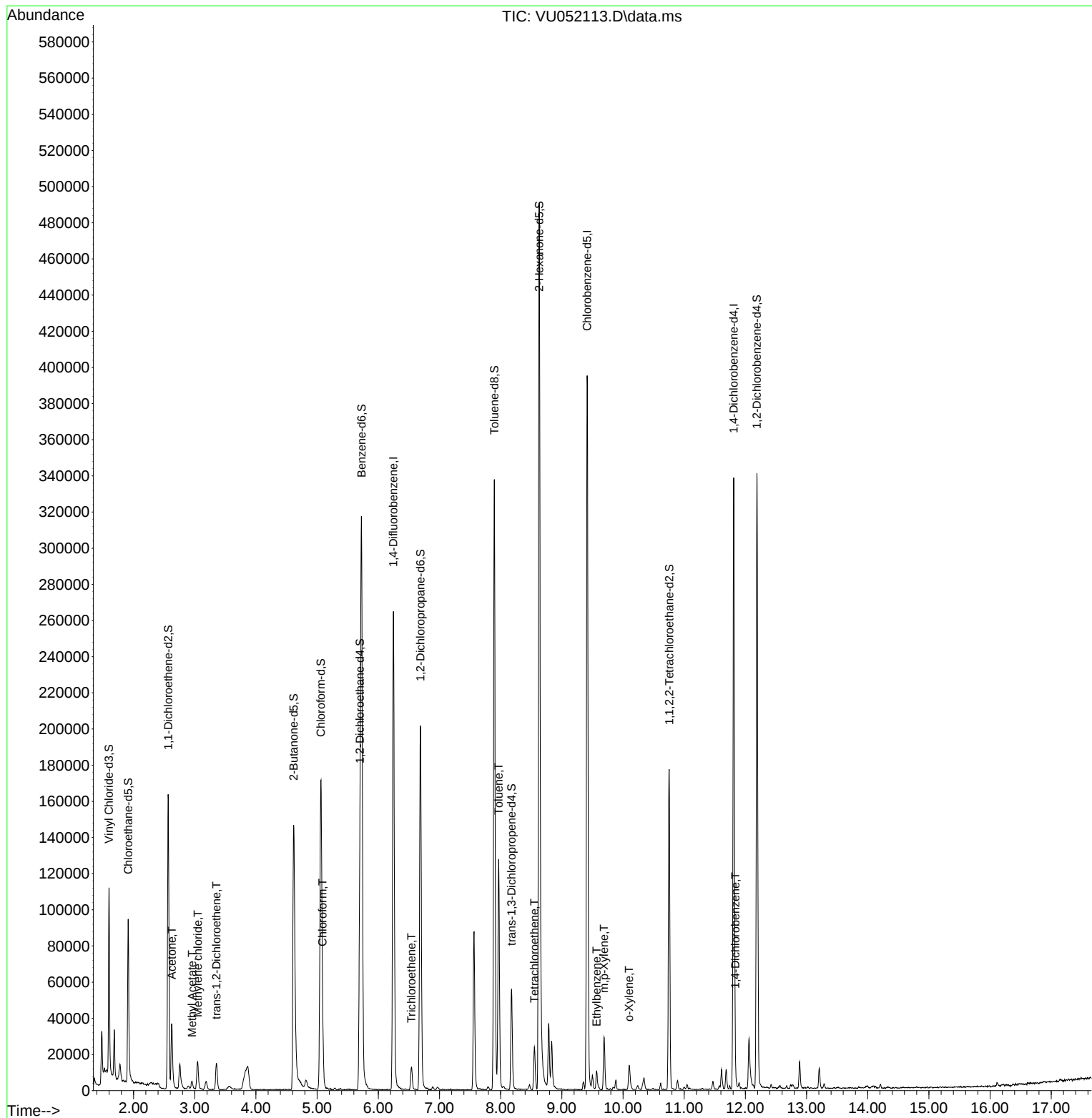
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78367	3.661	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.912	69	73450	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	30902	4.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.617	46	213132	54.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	5.060	84	156466	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	81793	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	312775	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	105336	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	236476	3.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.176	79	32744	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.629	63	166495	50.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.720%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92297	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	90768	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
13) Acetone	2.623	43	39291	14.911	ug/L	98
15) Methyl Acetate	2.957	43	6170	0.903	ug/L	96
16) Methylene chloride	3.047	84	8091	0.375	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	6345	0.371	ug/L	92
25) Chloroform	5.089	83	21124	0.676	ug/L	89
34) Trichloroethene	6.539	95	4387	0.234	ug/L	92
42) Toluene	7.967	91	95997	1.243	ug/L	97
47) Tetrachloroethene	8.552	164	5798	0.404	ug/L	93
52) Ethylbenzene	9.568	91	7735	0.103	ug/L	96
53) m,p-Xylene	9.690	106	9109	0.313	ug/L	94
54) o-Xylene	10.099	106	3233	0.116	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	2109	0.071	ug/L	87

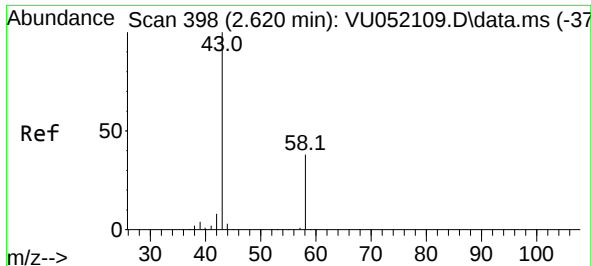
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.911 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU052113.D

Acq: 24 Nov 2022 02:57

Instrument :

MSVOA_U

ClientSampleId :

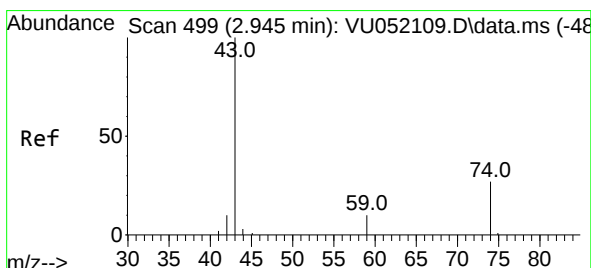
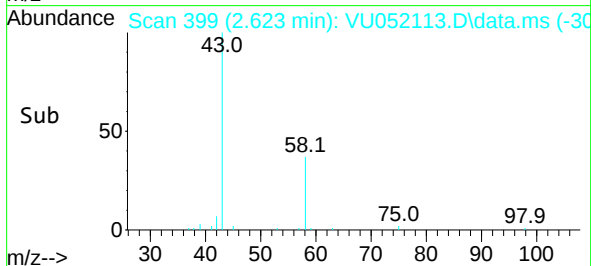
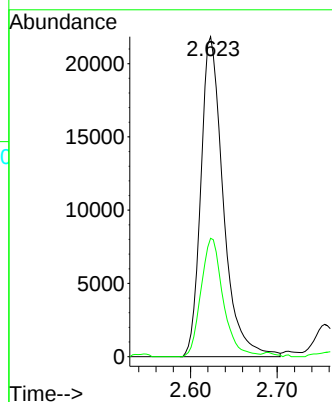
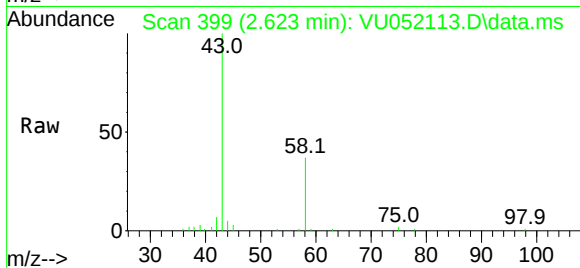
BHB81

Tgt Ion: 43 Resp: 39291

Ion Ratio Lower Upper

43 100

58 36.5 0.0 76.0



#15

Methyl Acetate

Concen: 0.903 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.013 min

Lab File: VU052113.D

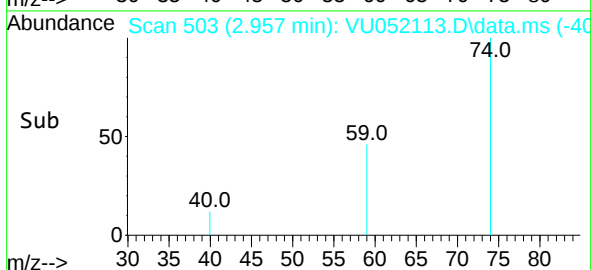
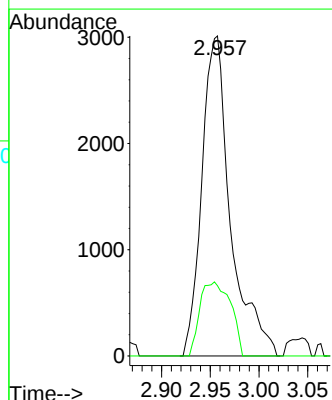
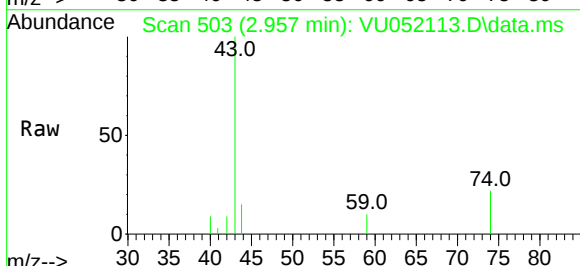
Acq: 24 Nov 2022 02:57

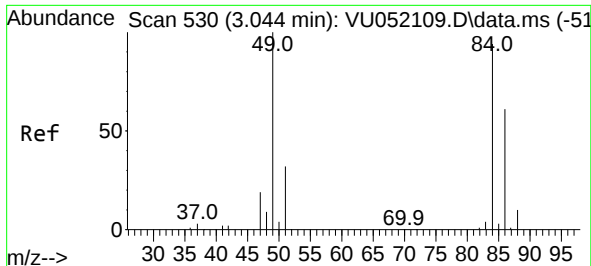
Tgt Ion: 43 Resp: 6170

Ion Ratio Lower Upper

43 100

74 24.7 21.3 31.9

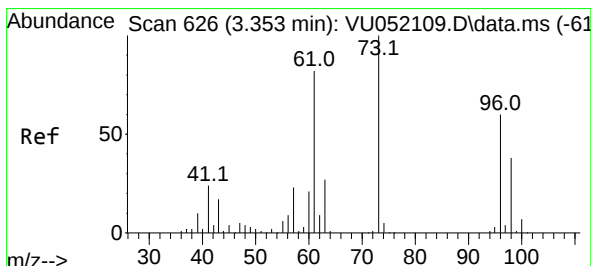
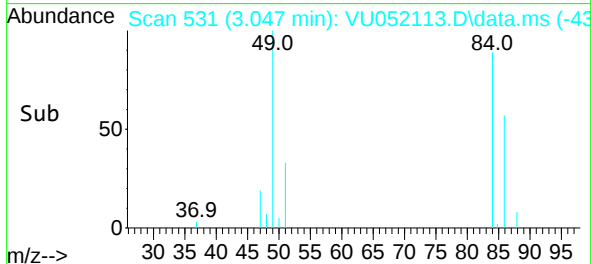
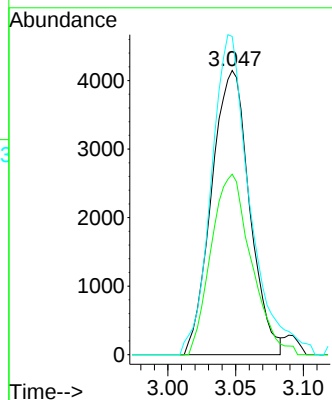
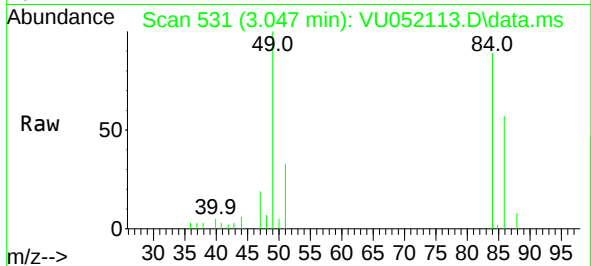




#16
Methylene chloride
Concen: 0.375 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

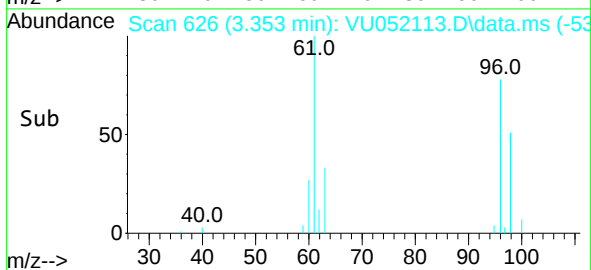
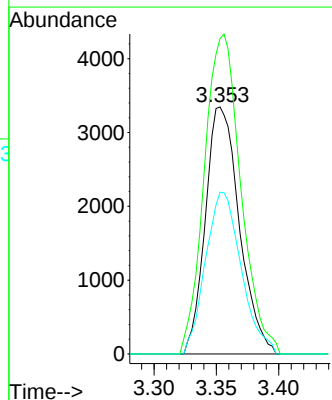
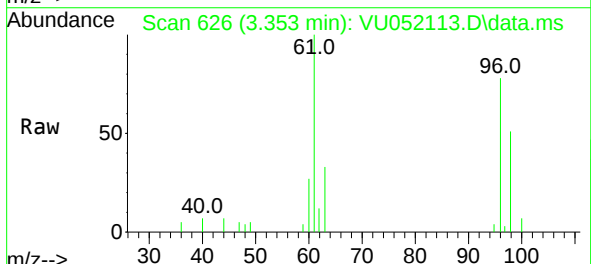
Instrument :
MSVOA_U
ClientSampleId :
BHB81

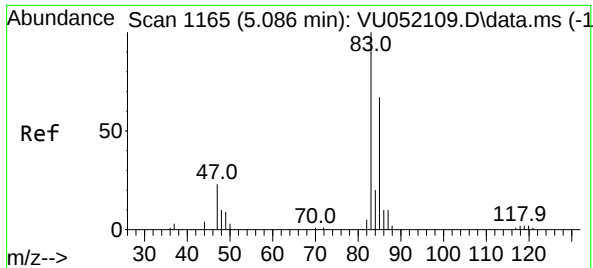
Tgt Ion: 84 Resp: 8091
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.4
49 112.0 75.9 141.1



#18
trans-1,2-Dichloroethene
Concen: 0.371 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

Tgt Ion: 96 Resp: 6345
Ion Ratio Lower Upper
96 100
61 127.8 97.9 181.7
98 65.5 43.8 81.3

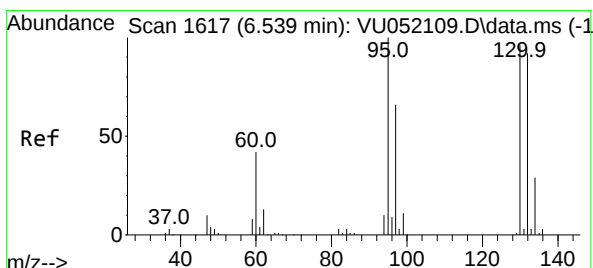
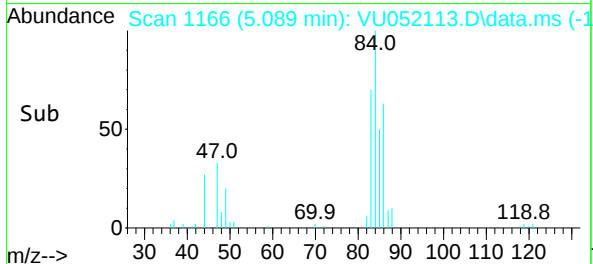
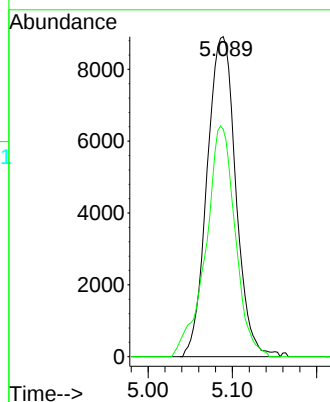
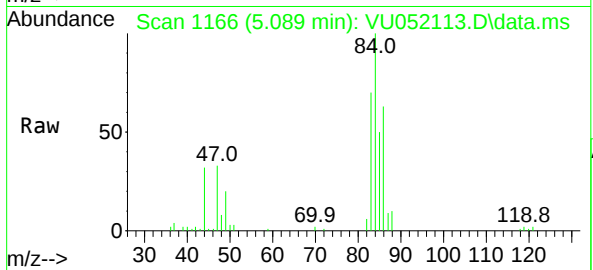




#25
Chloroform
Concen: 0.676 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

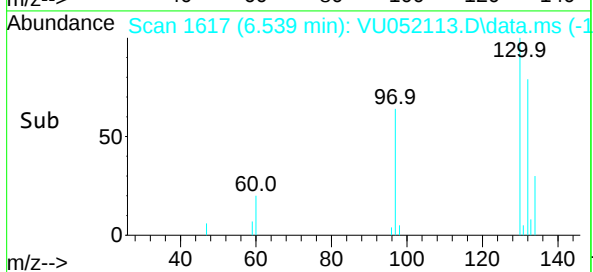
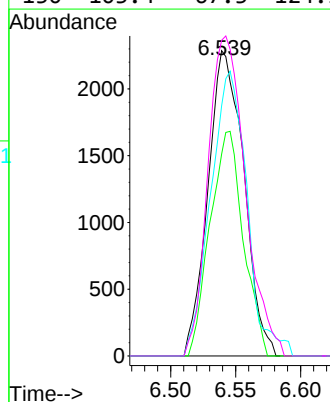
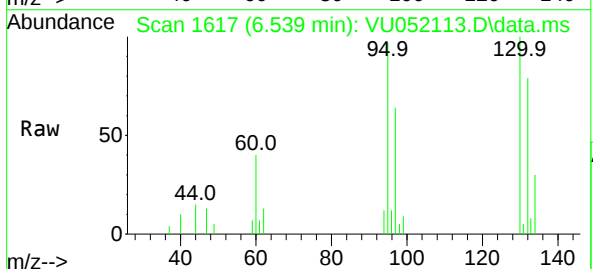
Instrument :
MSVOA_U
ClientSampleId :
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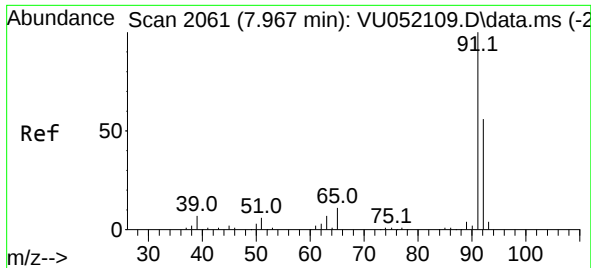
Tgt Ion: 83 Resp: 21124
Ion Ratio Lower Upper
83 100
85 71.1 43.8 81.4



#34
Trichloroethene
Concen: 0.234 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

Tgt Ion: 95 Resp: 4387
Ion Ratio Lower Upper
95 100
97 66.2 43.7 81.1
132 82.0 64.3 119.3
130 103.4 67.3 124.9





#42

Toluene

Concen: 1.243 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052113.D

Acq: 24 Nov 2022 02:57

Instrument :

MSVOA_U

ClientSampleId :

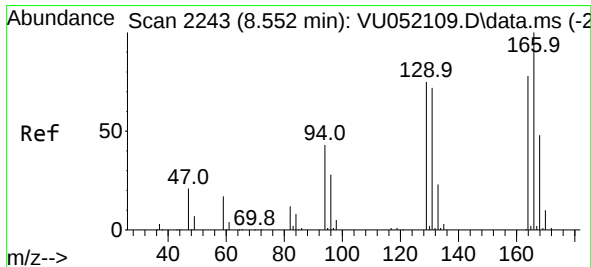
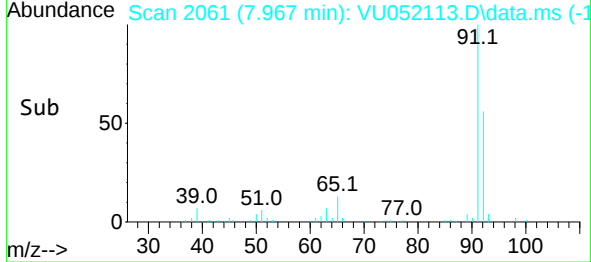
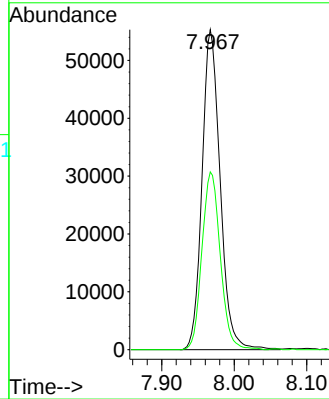
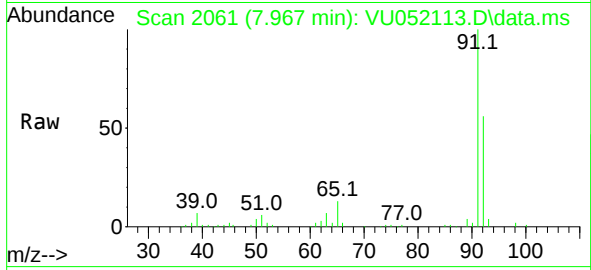
BHB81

Tgt Ion: 91 Resp: 95997

Ion Ratio Lower Upper

91 100

92 55.5 40.7 75.5



#47

Tetrachloroethene

Concen: 0.404 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052113.D

Acq: 24 Nov 2022 02:57

Tgt Ion: 164 Resp: 5798

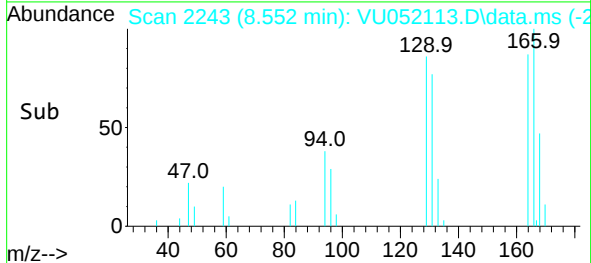
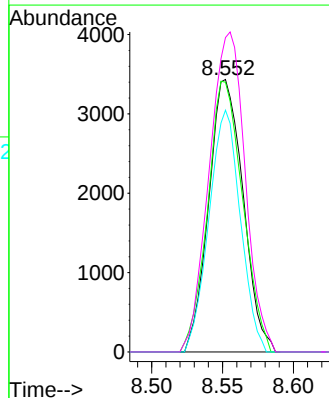
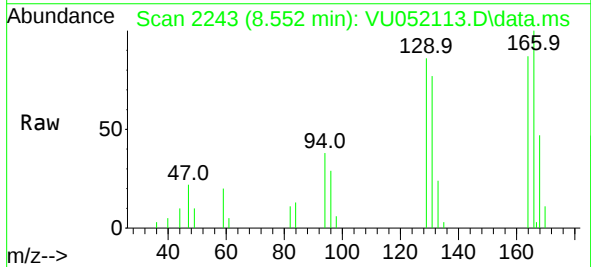
Ion Ratio Lower Upper

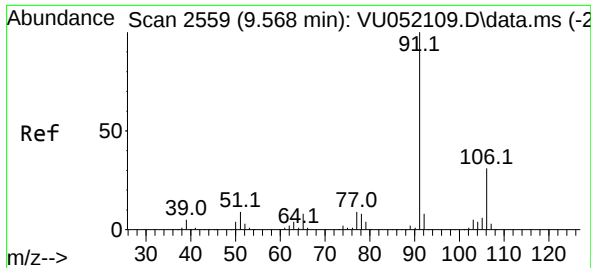
164 100

129 99.0 67.4 125.2

131 88.8 67.1 124.7

166 115.4 89.7 166.5

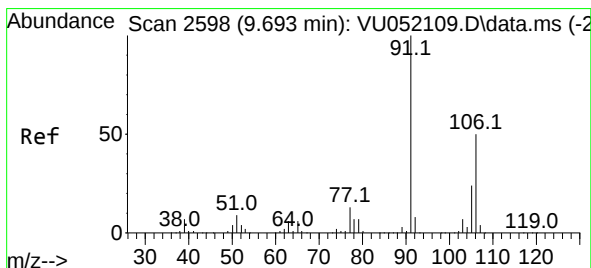
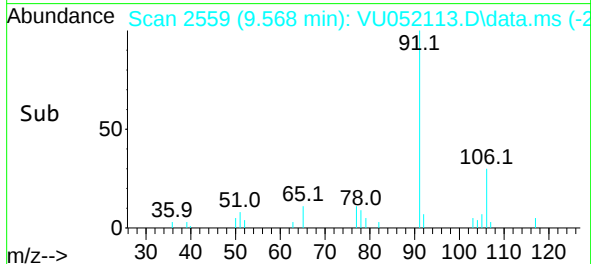
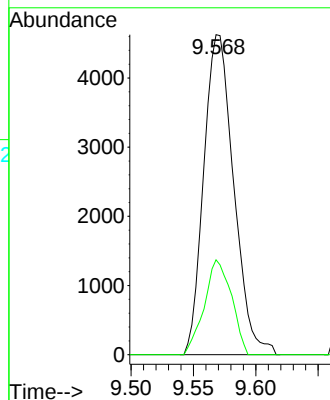
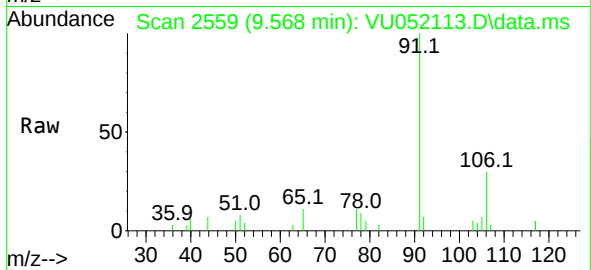




#52
Ethylbenzene
Concen: 0.103 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052113.D
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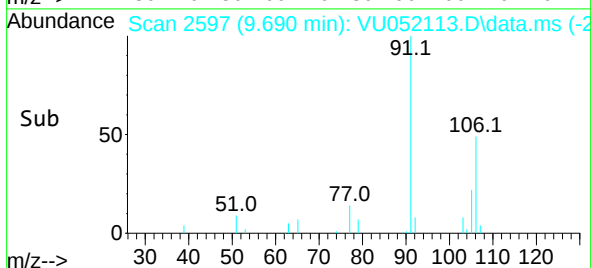
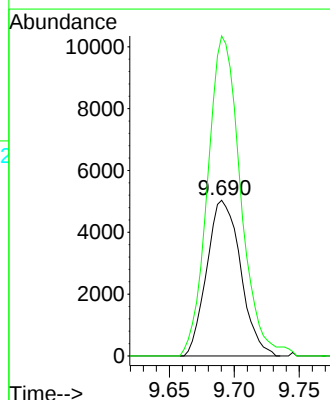
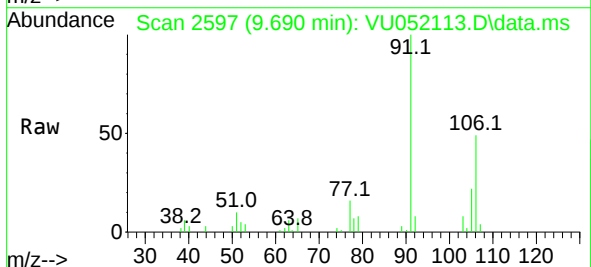
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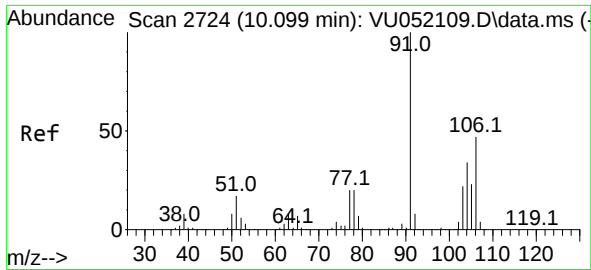
Tgt Ion: 91 Resp: 7735
Ion Ratio Lower Upper
91 100
106 29.7 22.3 41.3



#53
m,p-Xylene
Concen: 0.313 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

Tgt Ion: 106 Resp: 9109
Ion Ratio Lower Upper
106 100
91 205.6 137.7 255.7

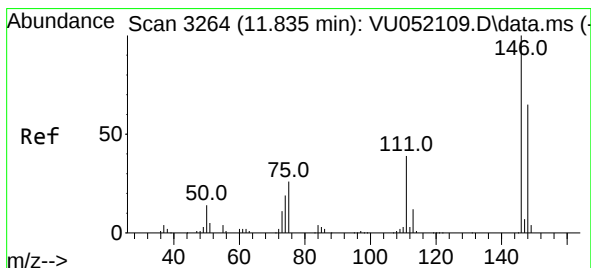
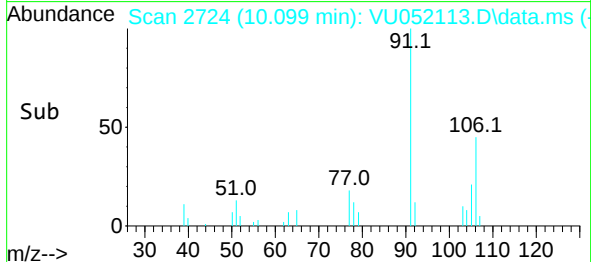
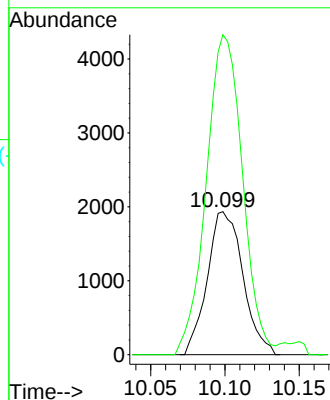
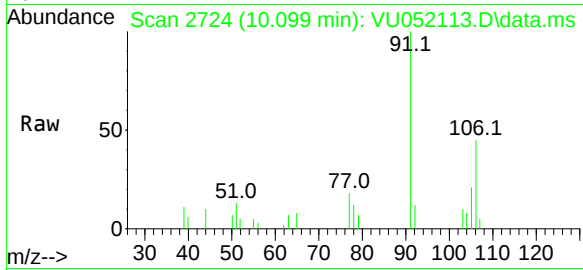




#54
o-Xylene
Concen: 0.116 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

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Tgt Ion:106 Resp: 3233
Ion Ratio Lower Upper
106 100
91 223.7 151.5 281.5



#65
1,4-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU052113.D
Acq: 24 Nov 2022 02:57

Tgt Ion:146 Resp: 2109
Ion Ratio Lower Upper
146 100
111 47.2 26.9 50.1
148 73.5 45.1 83.7

