

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050105.D
 Acq On : 05 Aug 2022 18:43
 Operator : SY/MD
 Sample : N4022-15 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

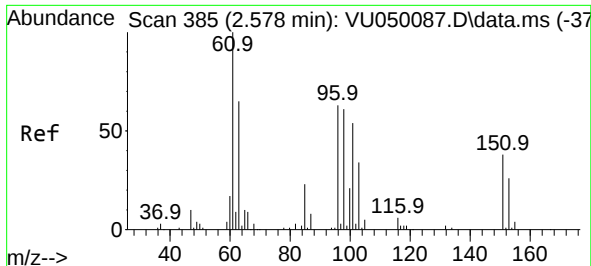
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:37:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

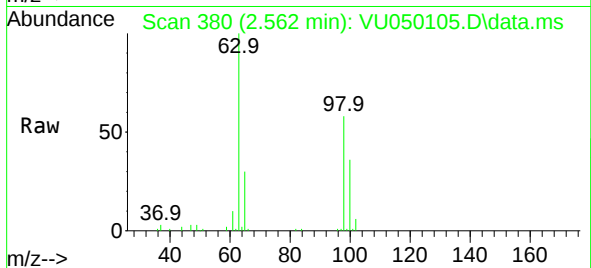
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28443	4.259	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.909	69	25826	4.793	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.565	65	11128	4.263	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.200%	
20) 2-Butanone-d5	4.623	46	82488	50.647	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.300%	
24) Chloroform-d	5.063	84	63669	5.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.703	65	32920	5.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.729	84	122858	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.694	67	42808	5.262	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.899	98	96881	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13894	4.766	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.632	63	52333	50.623	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36079	5.050	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32723	5.514	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	246	0.047	ug/L #	22
15) Methyl Acetate	3.186	43	1238	0.500	ug/L #	46
16) Methylene chloride	3.044	84	5812	0.686	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	610	0.088	ug/L	78
25) Chloroform	5.083	83	702	0.056	ug/L #	68
34) Trichloroethene	6.542	95	8001	1.193	ug/L	98
35) Methylcyclohexane	6.694	83	9462	1.093	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4075	0.552	ug/L #	89
52) Ethylbenzene	9.571	91	4520	0.167	ug/L	98
53) m,p-Xylene	9.693	106	5828	0.583	ug/L	96
54) o-Xylene	10.099	106	1698	0.170	ug/L	93
61) 1,2,3-Trichloropropane	11.812	75	3732	0.904	ug/L #	67

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

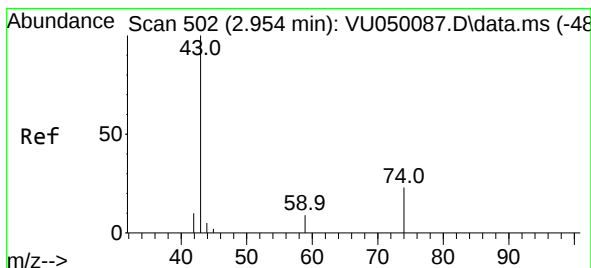
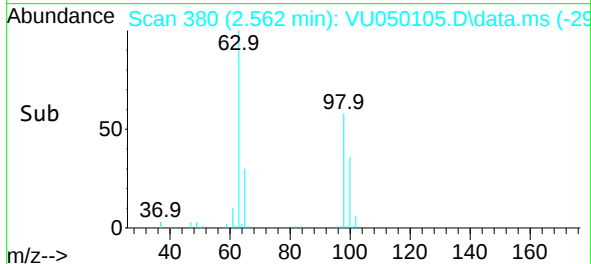
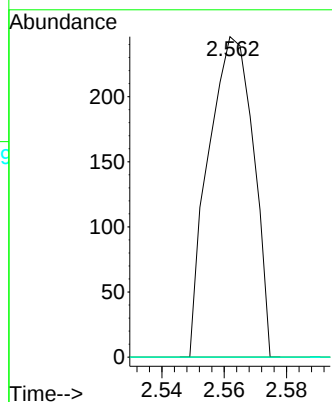


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU050105.D
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Instrument :
MSVOA_U
ClientSampleId :

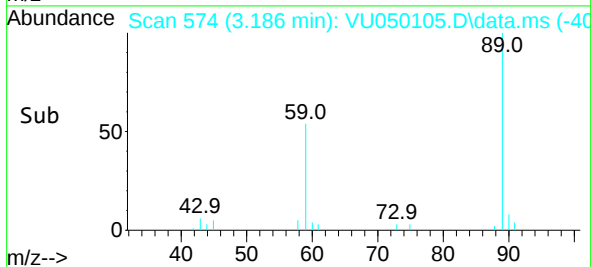
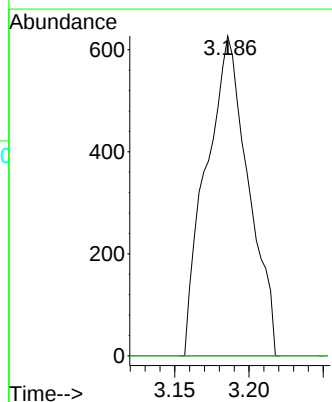
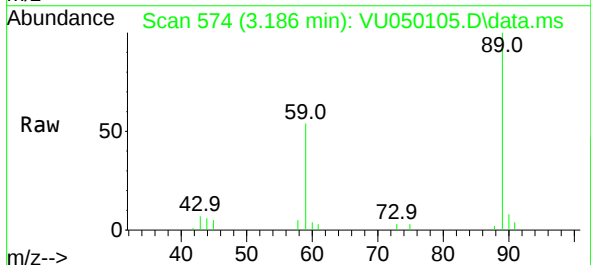


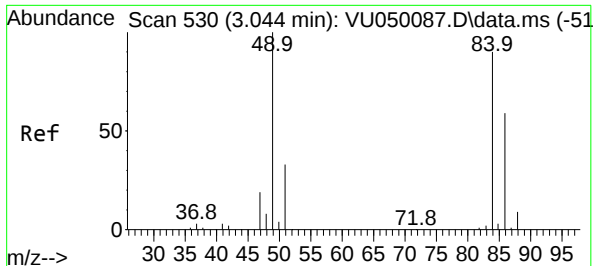
Tgt Ion:101 Resp: 246
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#15
Methyl Acetate
Concen: 0.500 ug/L
RT: 3.186 min Scan# 574
Delta R.T. 0.231 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

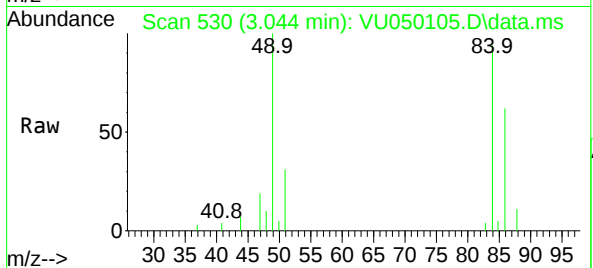
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



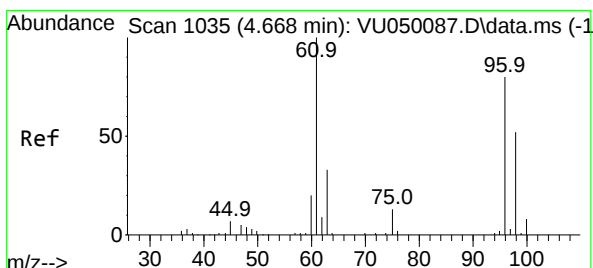
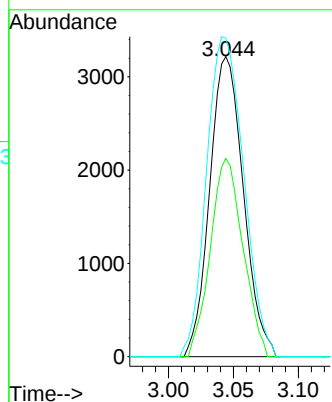
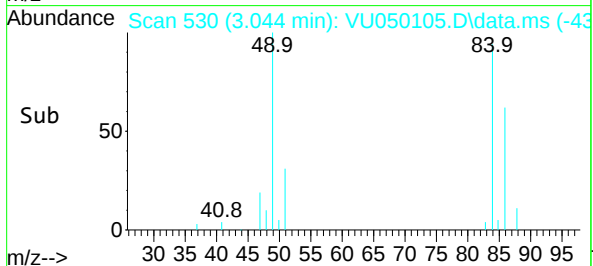


#16
Methylene chloride
Concen: 0.686 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

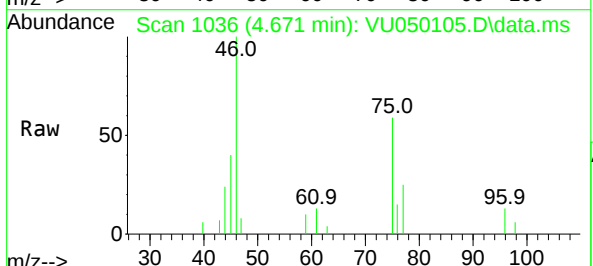
Instrument :
MSVOA_U
ClientSampleId :



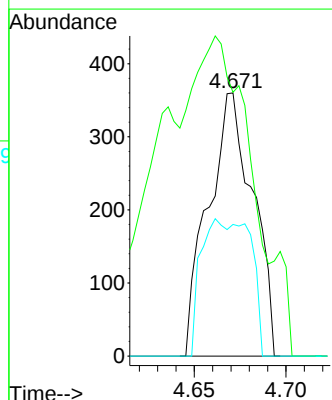
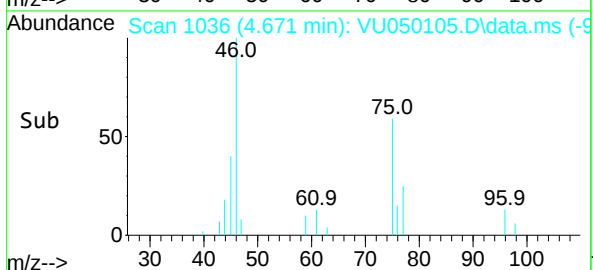
Tgt Ion: 84 Resp: 5812
Ion Ratio Lower Upper
84 100
86 66.0 45.9 85.3
49 106.2 77.6 144.0

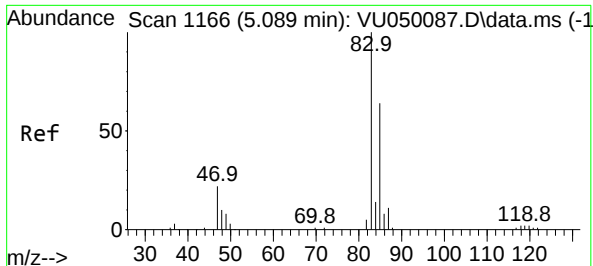


#22
cis-1,2-Dichloroethene
Concen: 0.088 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43



Tgt Ion: 96 Resp: 610
Ion Ratio Lower Upper
96 100
61 100.3 89.0 165.4
98 50.0 45.2 84.0





#25

Chloroform

Concen: 0.056 ug/L

RT: 5.083 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU050105.D

Acq: 05 Aug 2022 18:43

Instrument :

MSVOA_U

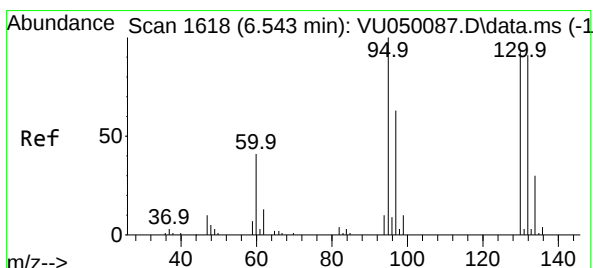
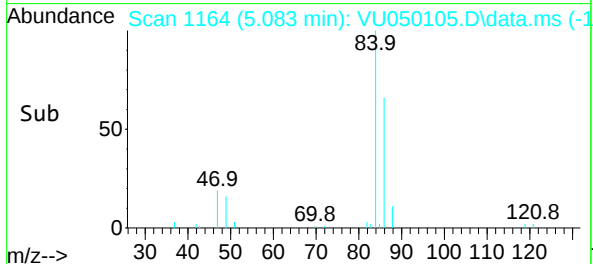
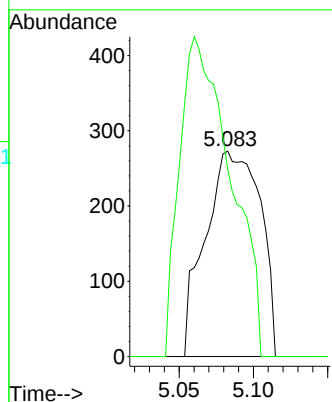
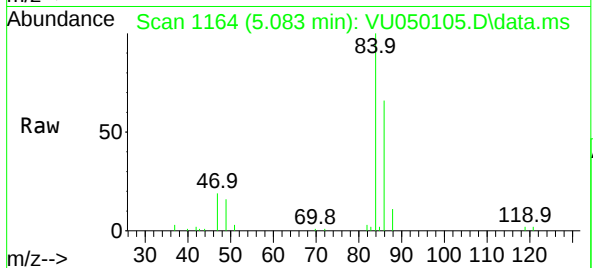
ClientSampleId :

Tgt Ion: 83 Resp: 702

Ion Ratio Lower Upper

83 100

85 91.2 46.1 85.5#



#34

Trichloroethene

Concen: 1.193 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050105.D

Acq: 05 Aug 2022 18:43

Tgt Ion: 95 Resp: 8001

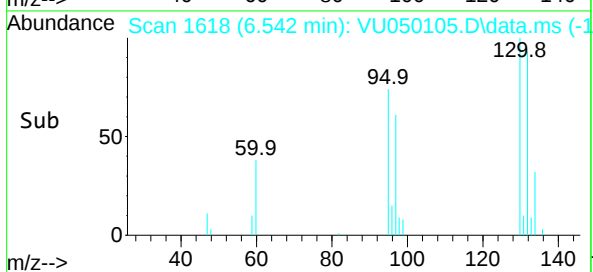
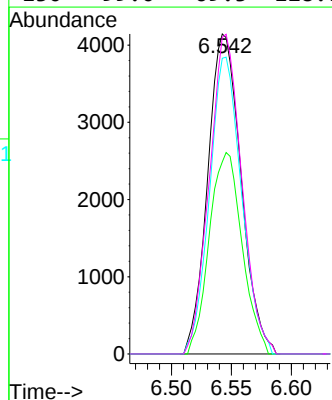
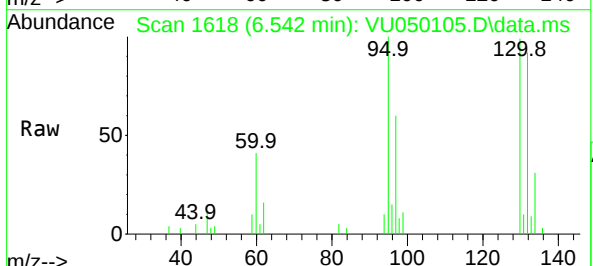
Ion Ratio Lower Upper

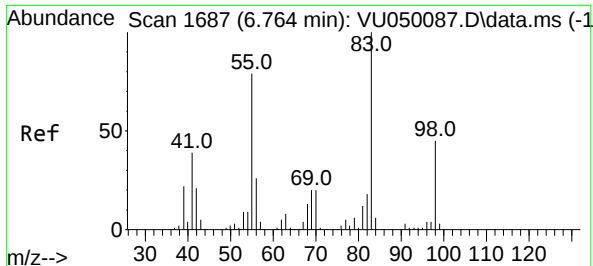
95 100

97 60.0 45.6 84.8

132 92.4 65.0 120.6

130 99.0 69.3 128.7





#35

Methylcyclohexane

Concen: 1.093 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050105.D

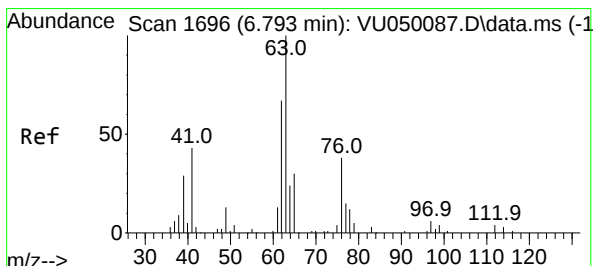
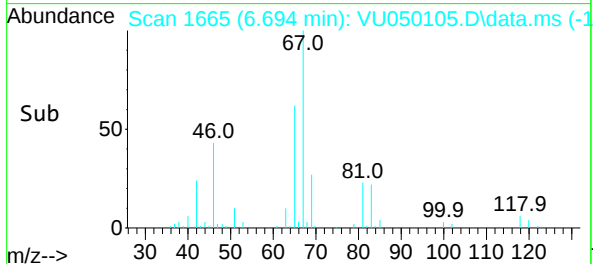
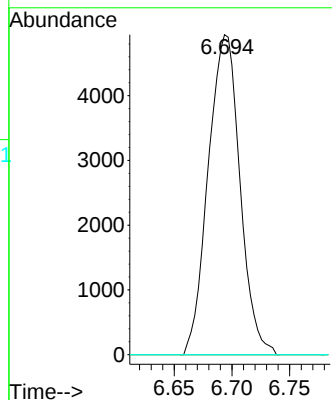
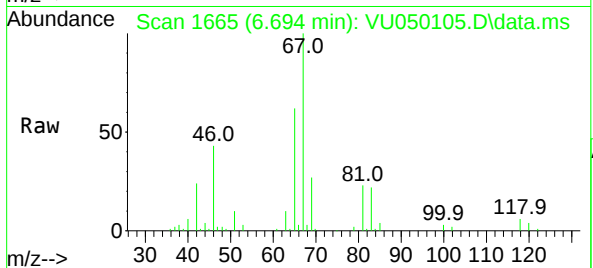
Acq: 05 Aug 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9462
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.7 94.1#
98	1.3	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.552 ug/L

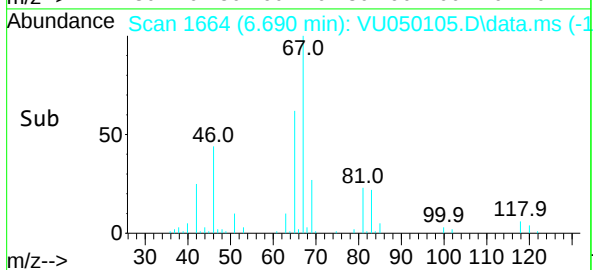
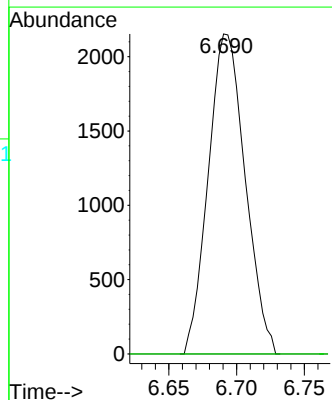
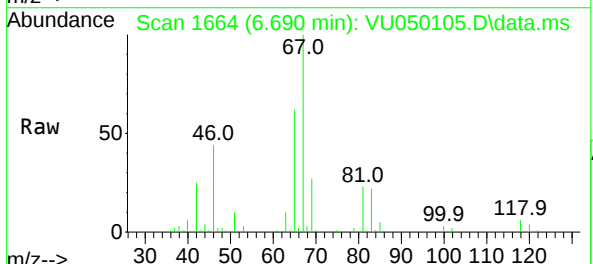
RT: 6.690 min Scan# 1664

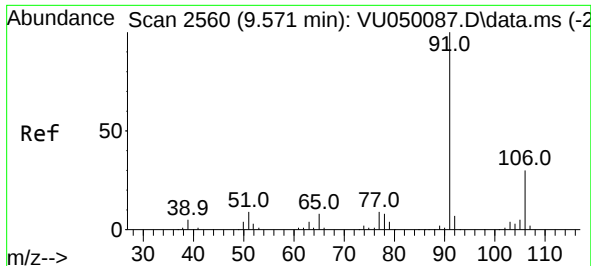
Delta R.T. -0.103 min

Lab File: VU050105.D

Acq: 05 Aug 2022 18:43

Tgt Ion: 63	Resp:	4075
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#

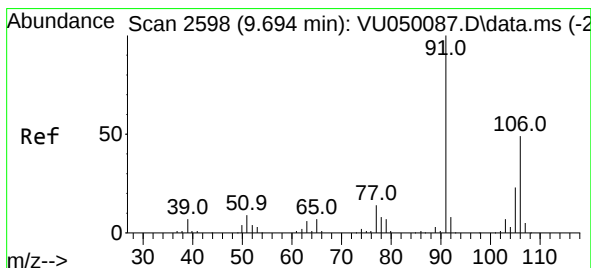
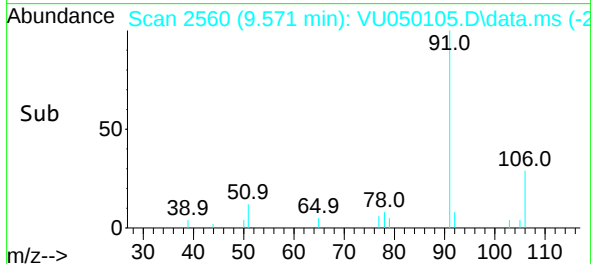
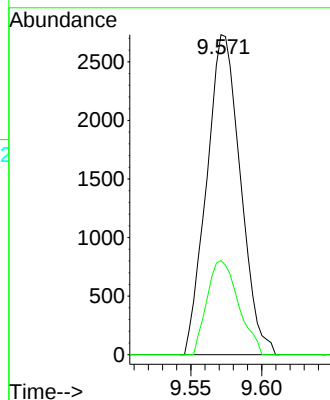
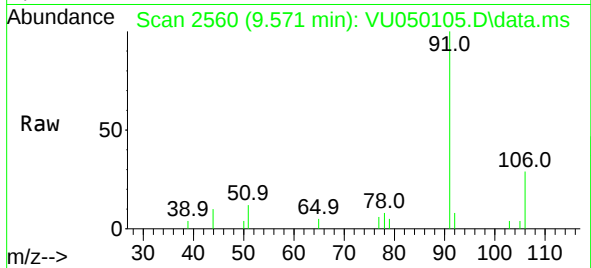




#52
Ethylbenzene
Concen: 0.167 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

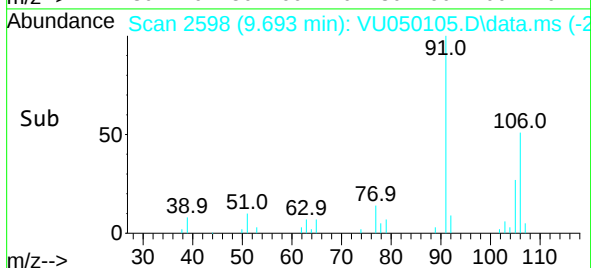
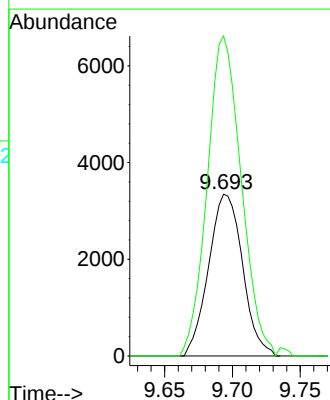
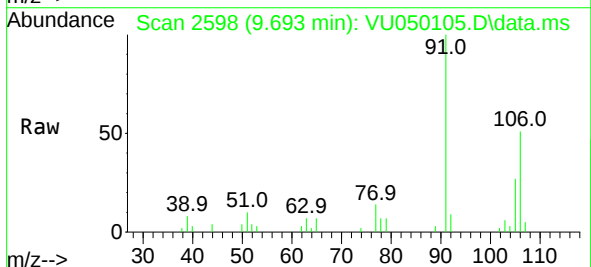
Instrument :
MSVOA_U
ClientSampleId :

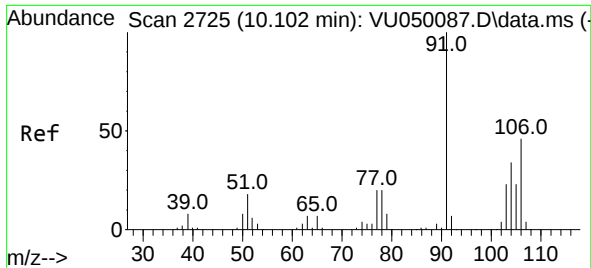
Tgt Ion: 91 Resp: 4520
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.5



#53
m,p-Xylene
Concen: 0.583 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

Tgt Ion: 106 Resp: 5828
Ion Ratio Lower Upper
106 100
91 197.9 143.1 265.9

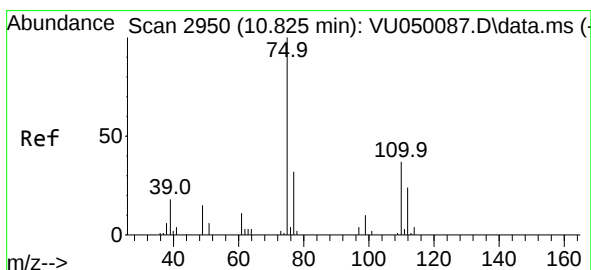
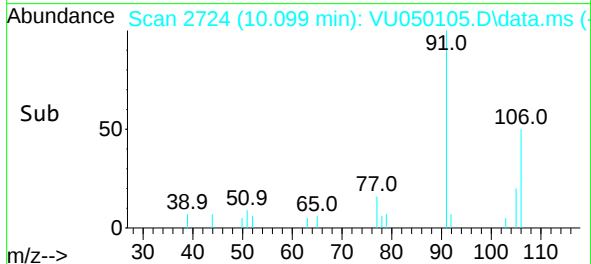
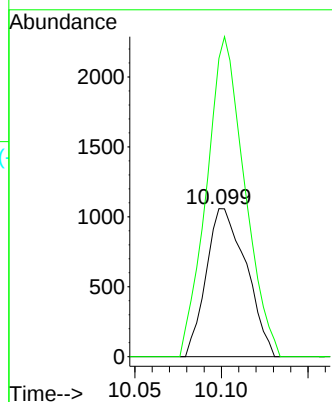
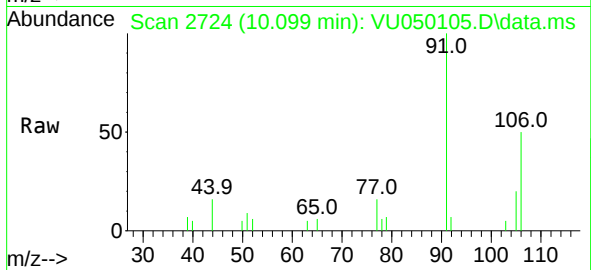




#54
o-Xylene
Concen: 0.170 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1698
Ion Ratio Lower Upper
106 100
91 201.6 149.4 277.4



#61
1,2,3-Trichloropropane
Concen: 0.904 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050105.D
Acq: 05 Aug 2022 18:43

Tgt Ion: 75 Resp: 3732
Ion Ratio Lower Upper
75 100
110 0.5 28.5 42.7#
77 29.8 25.8 38.6

