

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050906.D
 Acq On : 22 Sep 2022 18:25
 Operator : JC/MD
 Sample : N4747-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A3

Quant Time: Sep 23 01:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

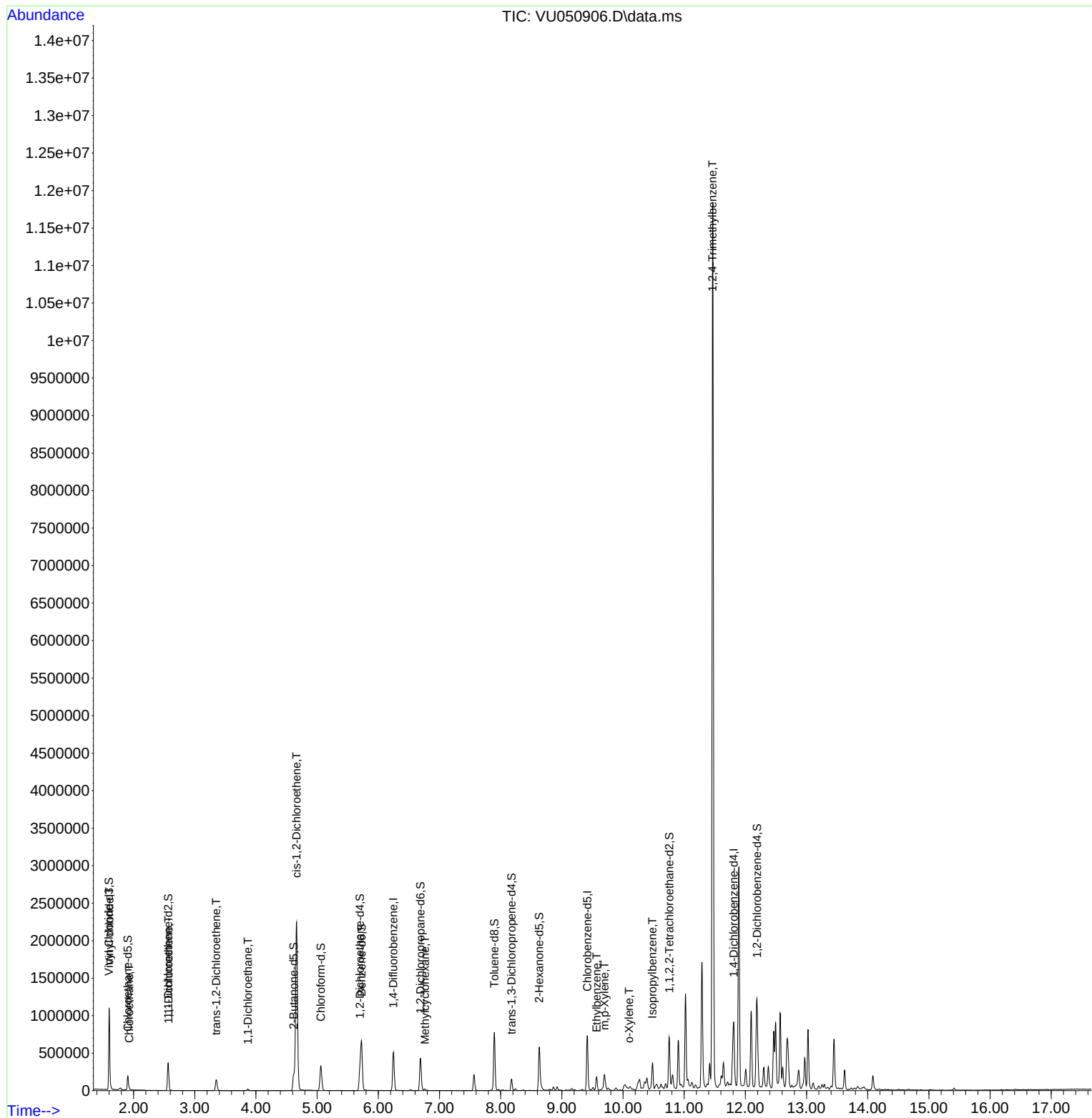
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	400621	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198937	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	180098	43.390	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.780%	
7) Chloroethane-d5	1.906	69	140773	47.621	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.240%	
11) 1,1-Dichloroethene-d2	2.565	63	213146	33.002	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.000%	
21) 2-Butanone-d5	4.617	46	296386	110.605	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.600%	
24) Chloroform-d	5.060	84	306101	47.058	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.120%	
26) 1,2-Dichloroethane-d4	5.700	65	199955	49.881	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.760%	
32) Benzene-d6	5.726	84	611453	46.504	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.690	67	211130	47.572	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.140%	
41) Toluene-d8	7.896	98	504082	43.859	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.720%	
43) trans-1,3-Dichloroprop...	8.176	79	84399	43.714	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.420%	
47) 2-Hexanone-d5	8.629	63	176396	96.446	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.450%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	328661	48.572	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	211150	50.693	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.380%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	643772	136.355	ug/L	99
8) Chloroethane	1.929	64	10128	3.874	ug/L	98
12) 1,1-Dichloroethene	2.572	96	3527	1.145	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	62005	19.642	ug/L	99
19) 1,1-Dichloroethane	3.867	63	23094	3.621	ug/L	92
20) cis-1,2-Dichloroethene	4.665	96	1172570	335.008	ug/L	99
35) Methylcyclohexane	6.764	83	7300	1.328	ug/L	91
52) Ethylbenzene	9.568	91	106416	7.314	ug/L	99
53) m,p-Xylene	9.697	106	45565	8.424	ug/L	98
54) o-Xylene	10.099	106	5779	1.072	ug/L	79
61) Isopropylbenzene	10.481	105	214184	15.065	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	6381499	551.372	ug/L	100

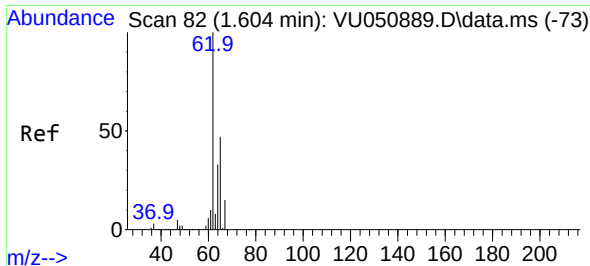
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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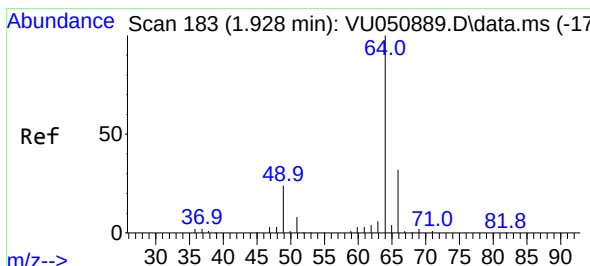
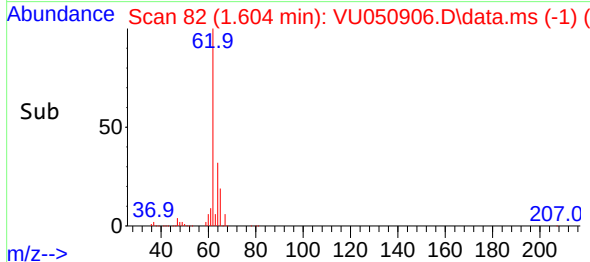
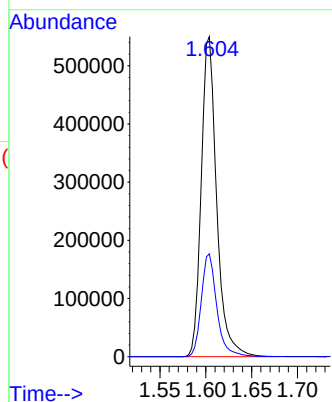
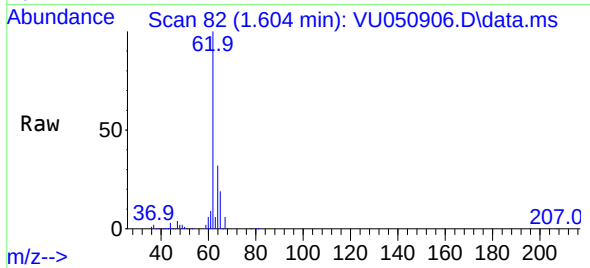




#5
 Vinyl chloride
 Concen: 136.355 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050906.D
 Acq: 22 Sep 2022 18:25

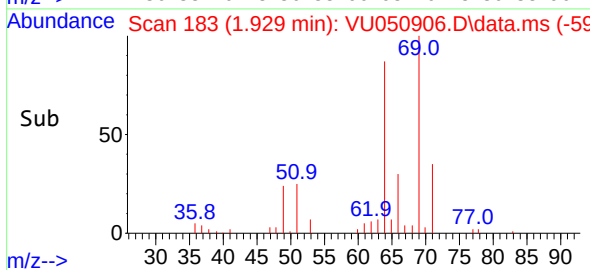
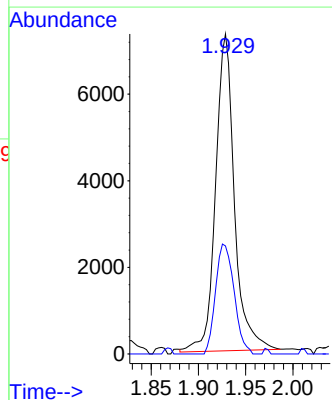
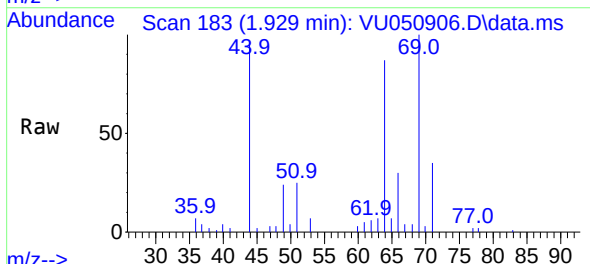
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A3

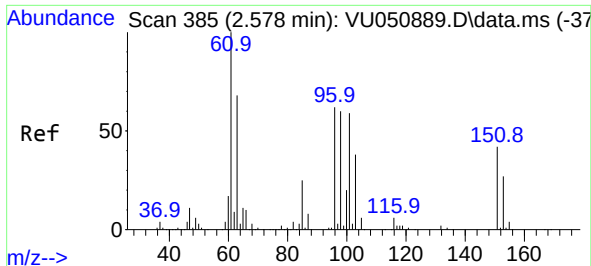
Tgt Ion: 62 Resp: 643772
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.2 41.2



#8
 Chloroethane
 Concen: 3.874 ug/L
 RT: 1.929 min Scan# 183
 Delta R.T. 0.000 min
 Lab File: VU050906.D
 Acq: 22 Sep 2022 18:25

Tgt Ion: 64 Resp: 10128
 Ion Ratio Lower Upper
 64 100
 66 33.8 22.9 42.5





#12

1,1-Dichloroethene

Concen: 1.145 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU050906.D

Acq: 22 Sep 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

E45A3

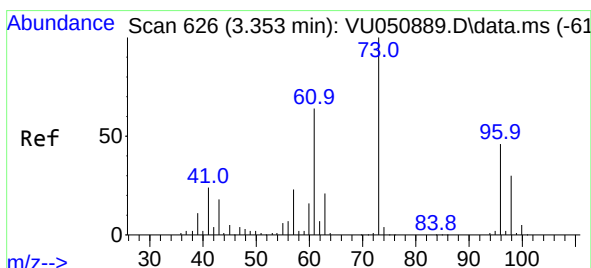
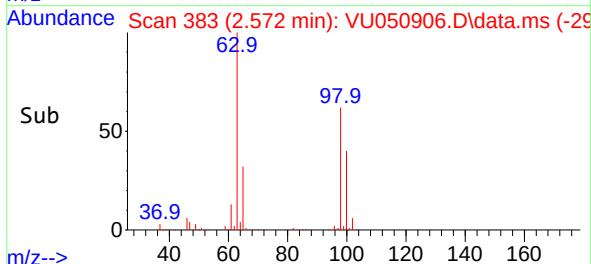
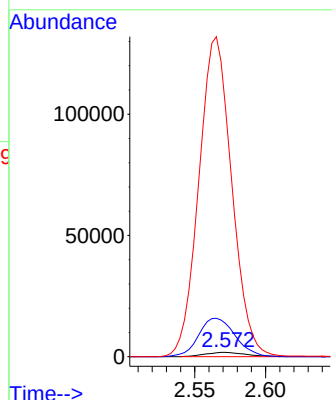
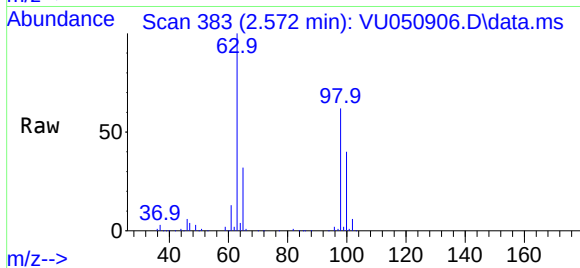
Tgt Ion: 96 Resp: 3527

Ion Ratio Lower Upper

96 100

61 763.6 118.6 220.2#

63 5720.3 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 19.642 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU050906.D

Acq: 22 Sep 2022 18:25

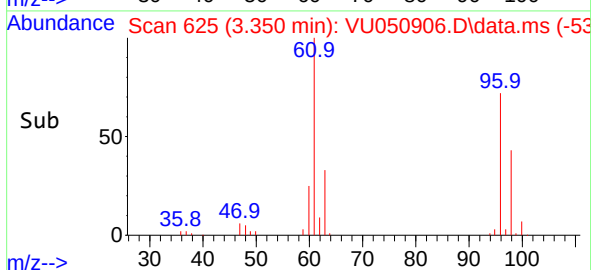
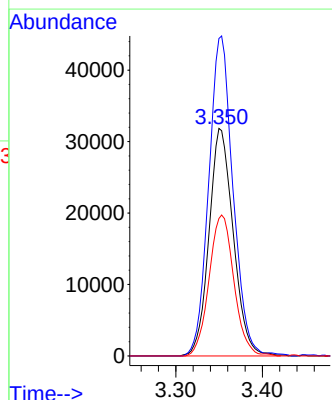
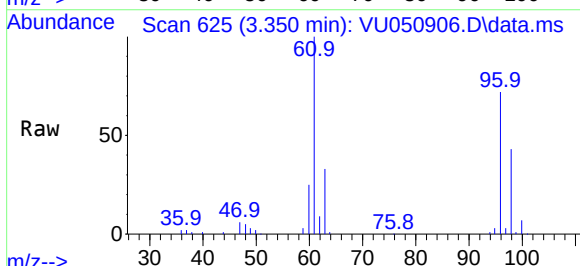
Tgt Ion: 96 Resp: 62005

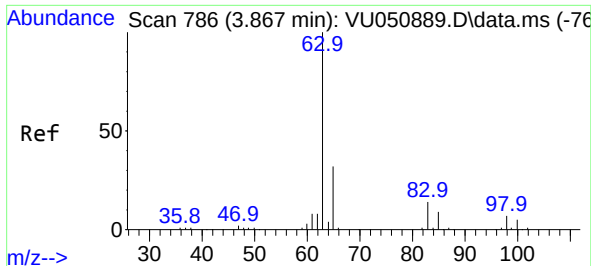
Ion Ratio Lower Upper

96 100

61 139.6 98.0 182.0

98 60.4 44.3 82.3

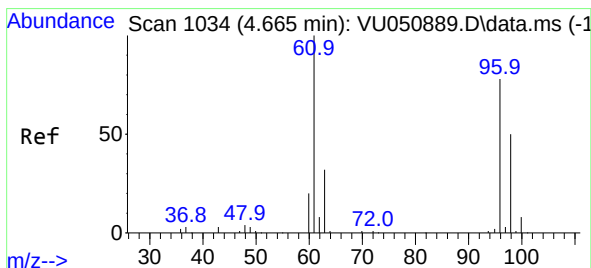
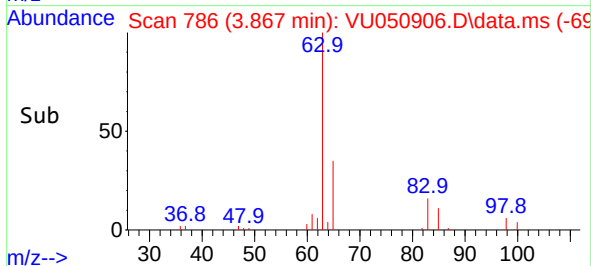
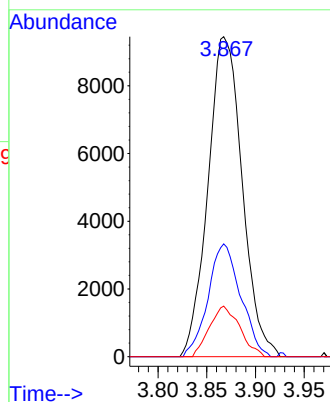
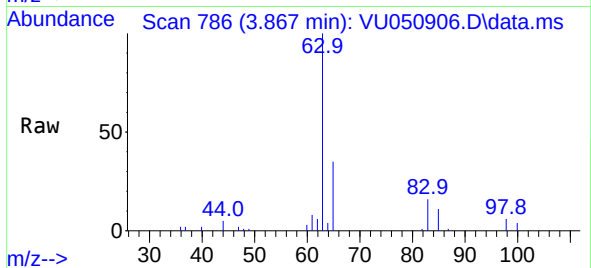




#19
1,1-Dichloroethane
Concen: 3.621 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

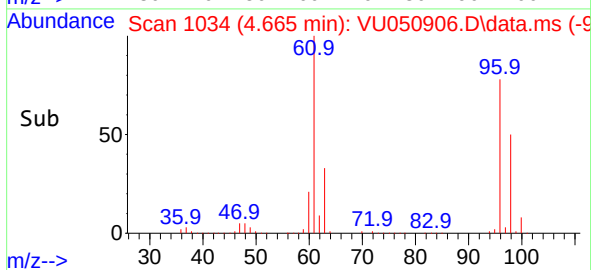
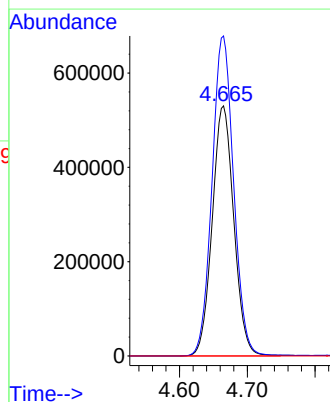
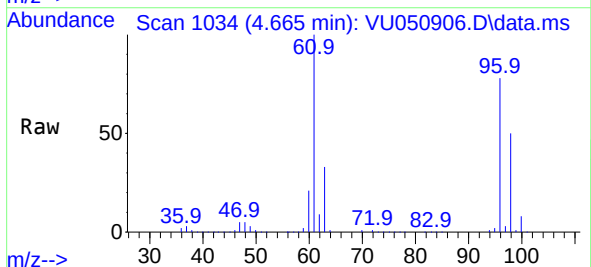
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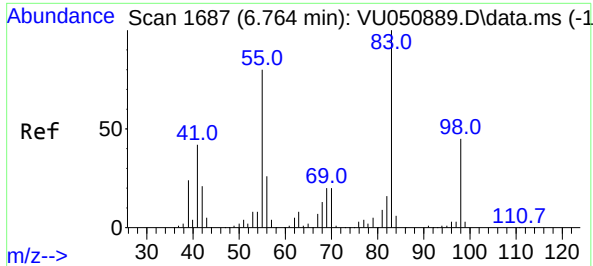
Tgt Ion:	63	Resp:	23094
Ion	Ratio	Lower	Upper
63	100		
65	35.3	21.5	39.9
83	15.8	9.3	17.3



#20
cis-1,2-Dichloroethene
Concen: 335.008 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

Tgt Ion:	96	Resp:	1172570
Ion	Ratio	Lower	Upper
96	100		
61	128.0	90.1	167.3
68	0.0	0.0	0.0

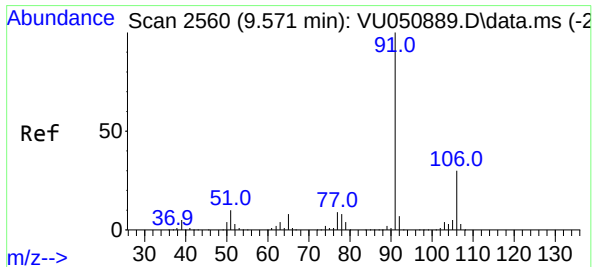
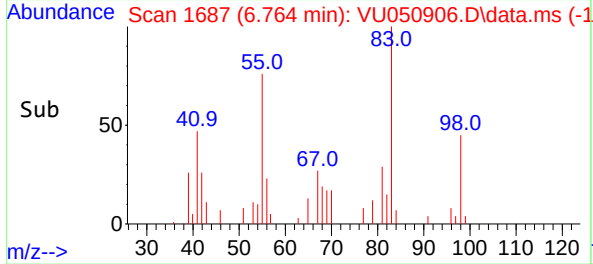
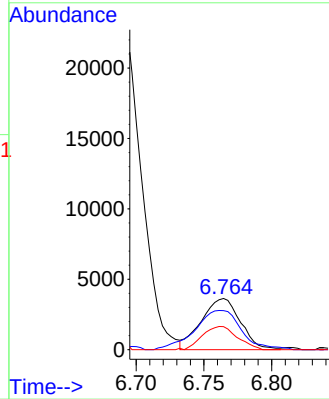
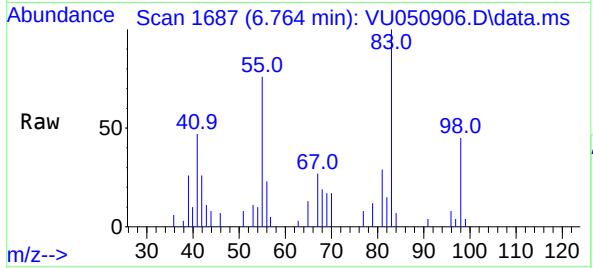




#35
Methylcyclohexane
Concen: 1.328 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

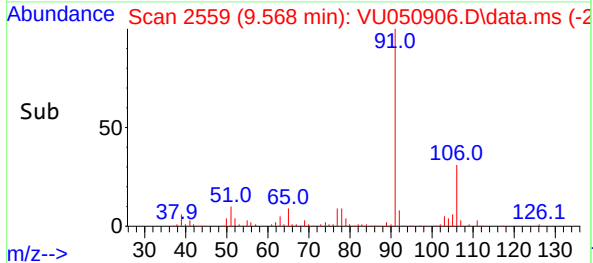
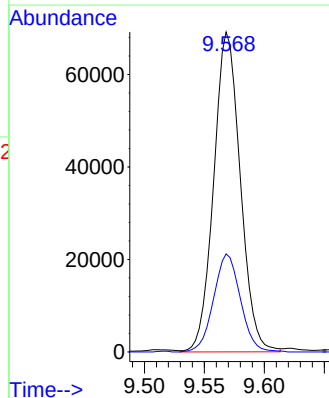
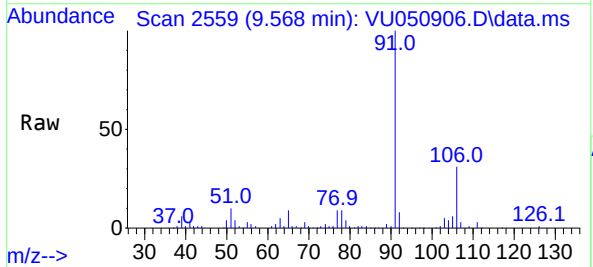
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ClientSampleId :
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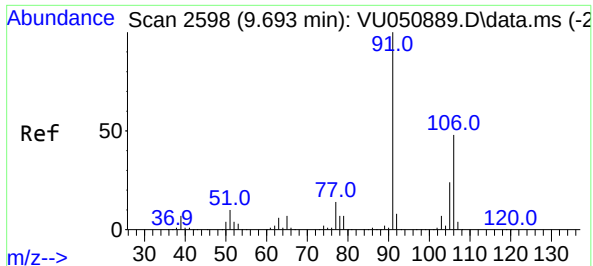
Tgt Ion: 83 Resp: 7300
Ion Ratio Lower Upper
83 100
55 90.6 64.7 97.1
98 40.3 35.2 52.8



#52
Ethylbenzene
Concen: 7.314 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

Tgt Ion: 91 Resp: 106416
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0

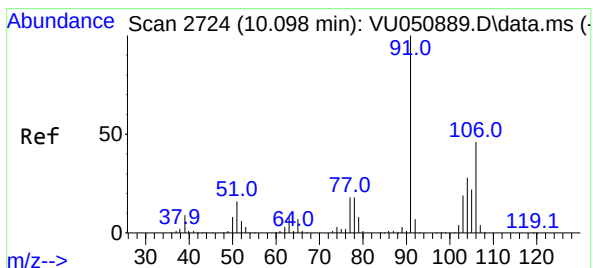
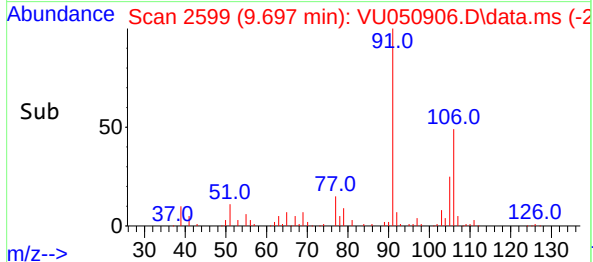
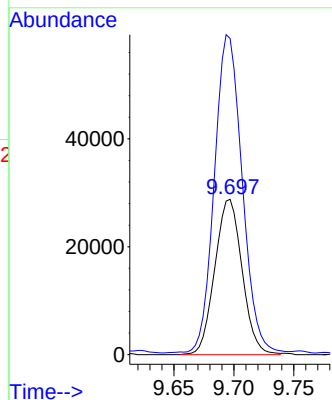
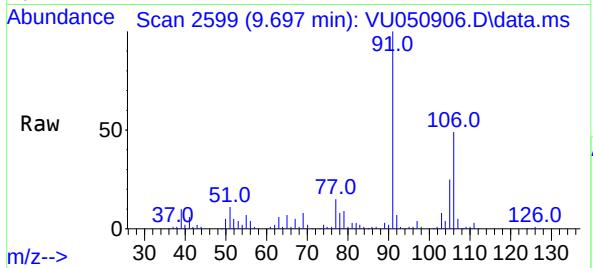




#53
m,p-Xylene
Concen: 8.424 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

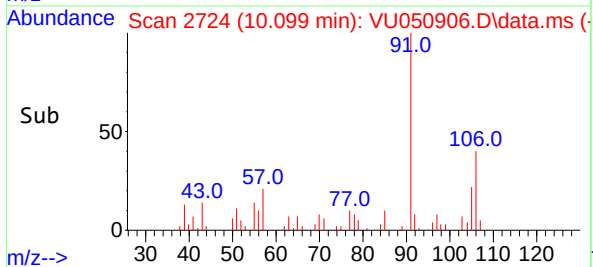
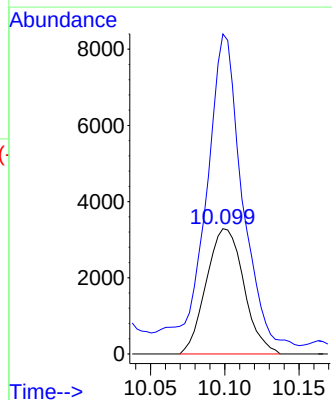
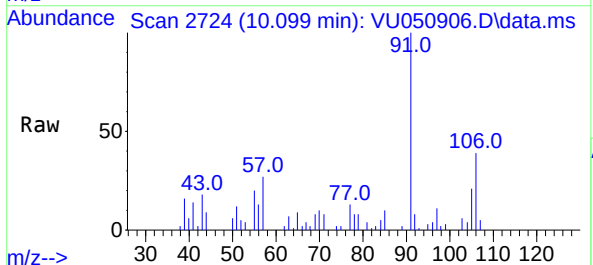
Instrument :
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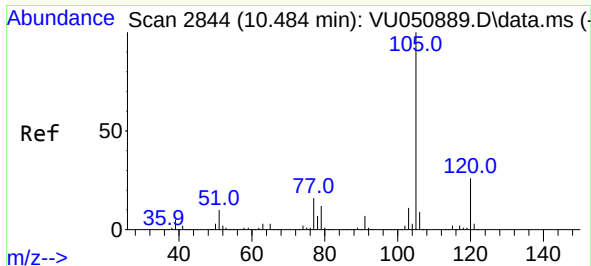
Tgt Ion:106 Resp: 45565
Ion Ratio Lower Upper
106 100
91 203.4 144.0 267.4



#54
o-Xylene
Concen: 1.072 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

Tgt Ion:106 Resp: 5779
Ion Ratio Lower Upper
106 100
91 255.3 154.6 287.0

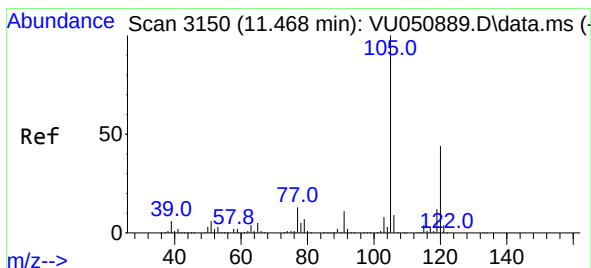
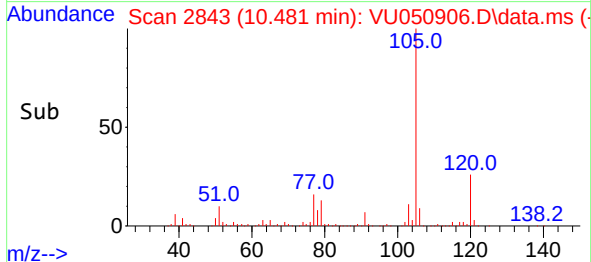
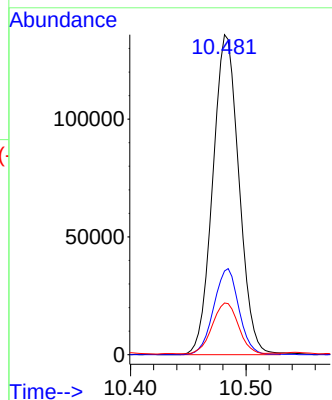
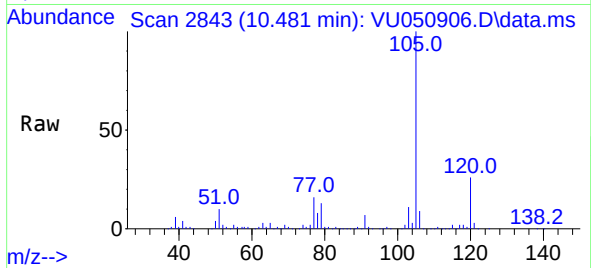




#61
Isopropylbenzene
Concen: 15.065 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

Instrument :
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Tgt Ion:105 Resp: 214184
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.0 12.9 19.3



#63
1,2,4-Trimethylbenzene
Concen: 551.372 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU050906.D
Acq: 22 Sep 2022 18:25

Tgt Ion:105 Resp: 6381499
Ion Ratio Lower Upper
105 100
120 43.7 34.9 52.3

