

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051201.D
 Acq On : 07 Oct 2022 03:13
 Operator : JC/MD
 Sample : N4890-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D8

Quant Time: Oct 07 06:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

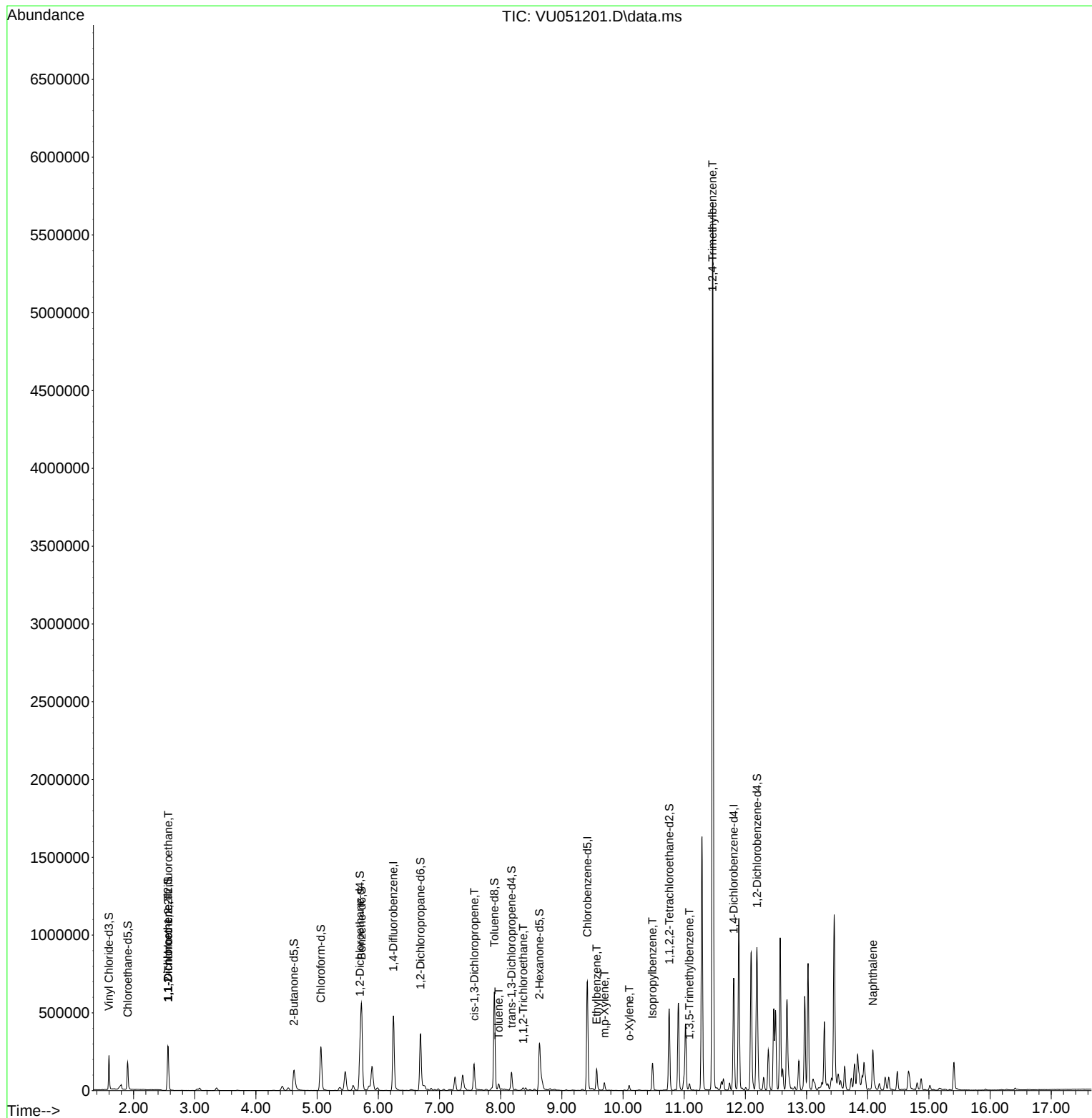
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	386744	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	186304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145192	37.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.080%
7) Chloroethane-d5	1.903	69	129742	35.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.260%
11) 1,1-Dichloroethene-d2	2.562	63	169295	29.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.480%#
21) 2-Butanone-d5	4.620	46	187761	73.861	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.860%
24) Chloroform-d	5.060	84	262257	41.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
26) 1,2-Dichloroethane-d4	5.700	65	172227	44.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.120%
32) Benzene-d6	5.726	84	526831	46.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
36) 1,2-Dichloropropane-d6	6.690	67	180560	49.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	7.896	98	425547	40.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.640%
43) trans-1,3-Dichloroprop...	8.179	79	64078	36.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.380%
47) 2-Hexanone-d5	8.632	63	81492	55.122	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	55.120%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	268689	41.990	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.980%
66) 1,2-Dichlorobenzene-d4	12.192	152	182114	45.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1440	0.488	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1254	0.455	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	3971	0.886	ug/L #	55
42) Toluene	7.967	91	28101	2.249	ug/L	96
45) 1,1,2-Trichloroethane	8.369	97	4713	1.375	ug/L #	19
52) Ethylbenzene	9.568	91	91096	6.835	ug/L	100
53) m,p-Xylene	9.697	106	12090	2.412	ug/L	98
54) o-Xylene	10.102	106	8082	1.613	ug/L	93
61) Isopropylbenzene	10.481	105	102688	8.485	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	22743	2.298	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	3068190	309.334	ug/L	99
71) Naphthalene	14.082	128	212438	17.146	ug/L	99

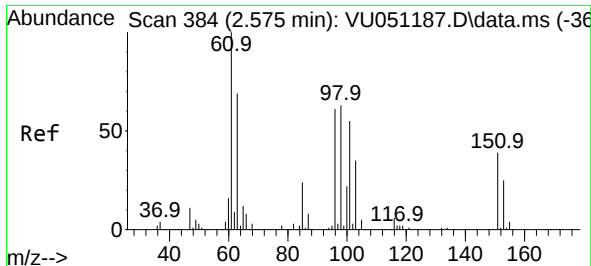
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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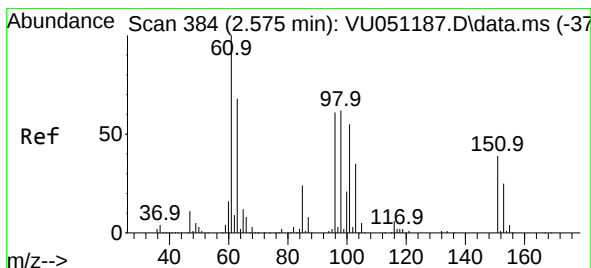
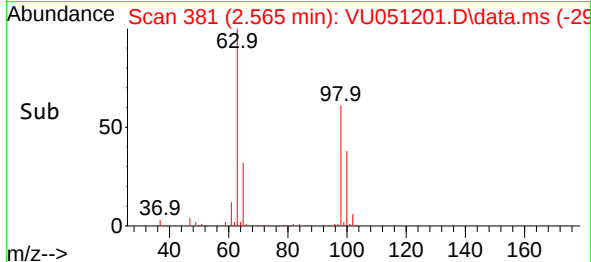
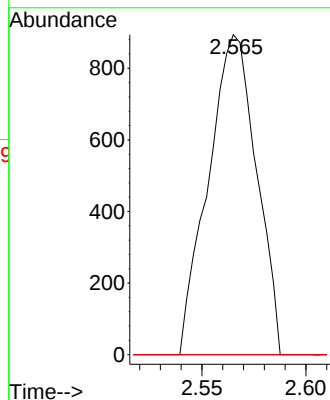
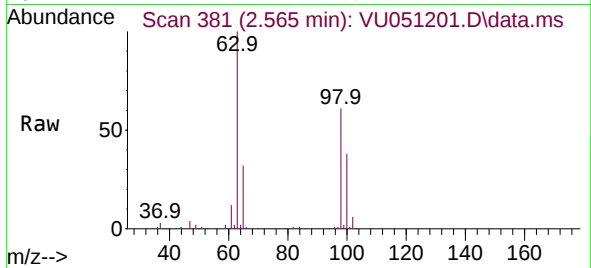




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.488 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU051201.D
 Acq: 07 Oct 2022 03:13

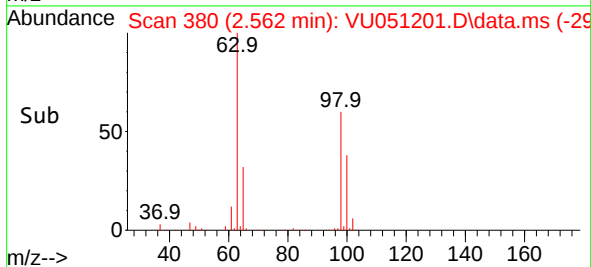
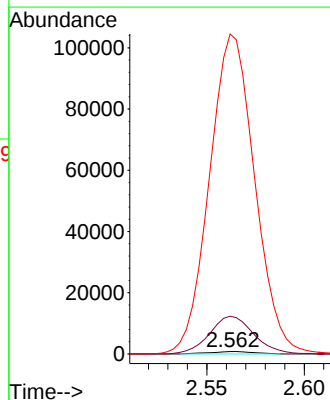
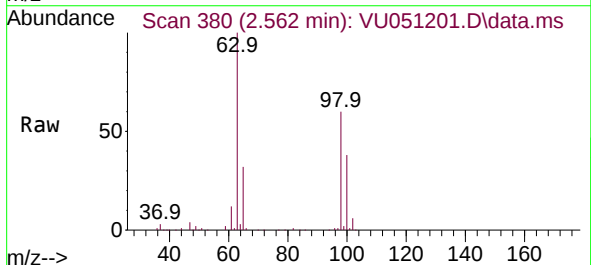
Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D8

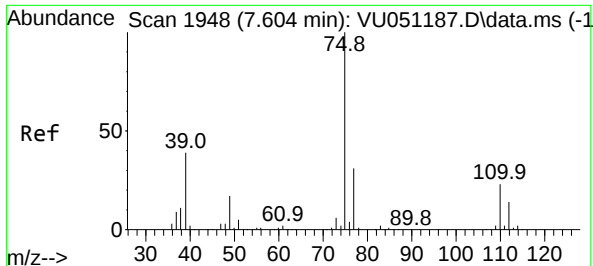
Tgt Ion:101 Resp: 1440
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.455 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU051201.D
 Acq: 07 Oct 2022 03:13

Tgt Ion: 96 Resp: 1254
 Ion Ratio Lower Upper
 96 100
 61 1556.0 113.0 209.9#
 63 13182.3 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 7.568 min Scan# 1948

Delta R.T. -0.035 min

Lab File: VU051201.D

Acq: 07 Oct 2022 03:13

Instrument :

MSVOA_U

ClientSampleId :

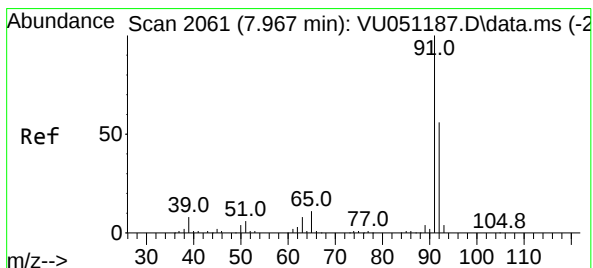
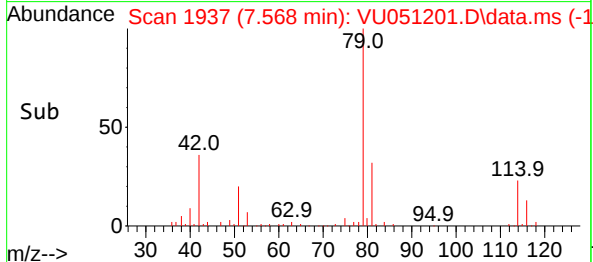
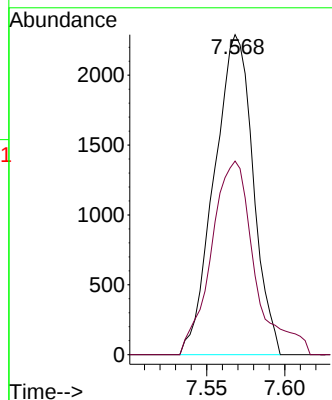
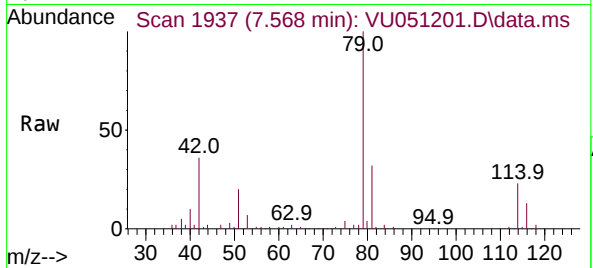
EY0D8

Tgt Ion: 75 Resp: 3971

Ion Ratio Lower Upper

75 100

77 56.5 22.0 41.0#



#42

Toluene

Concen: 2.249 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051201.D

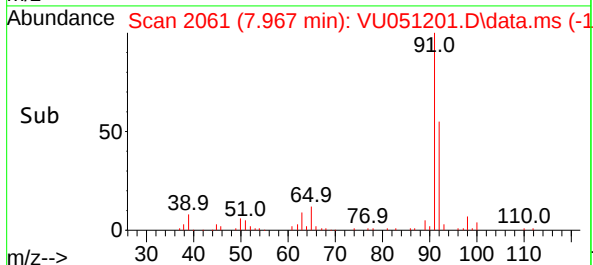
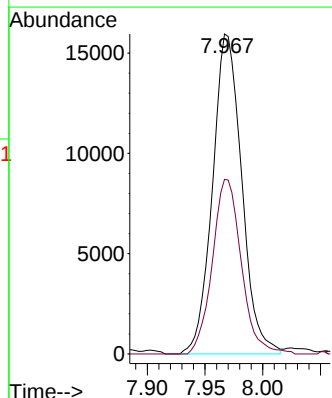
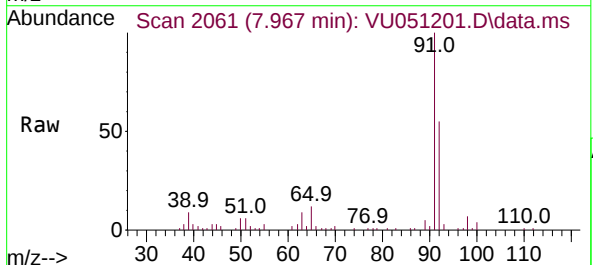
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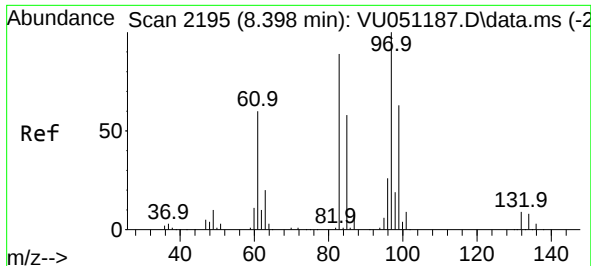
Tgt Ion: 91 Resp: 28101

Ion Ratio Lower Upper

91 100

92 54.6 40.1 74.5

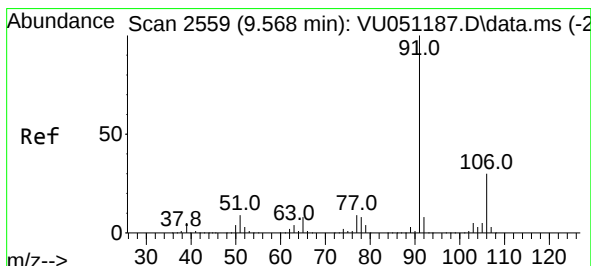
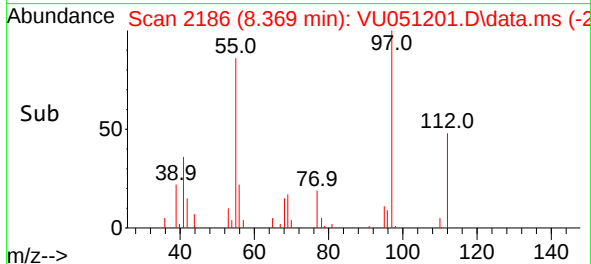
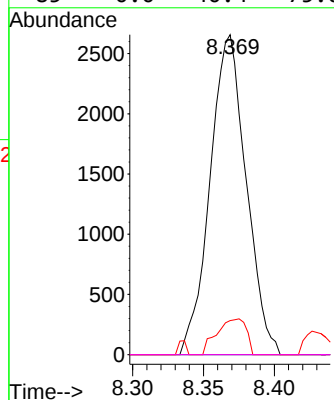
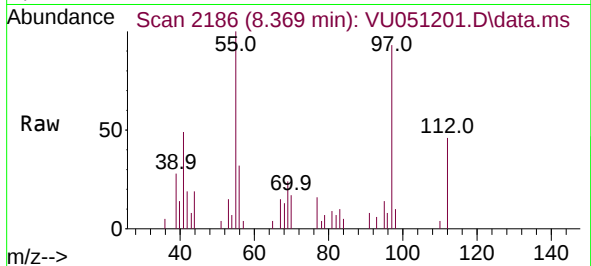




#45
1,1,2-Trichloroethane
Concen: 1.375 ug/L
RT: 8.369 min Scan# 2195
Delta R.T. -0.029 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

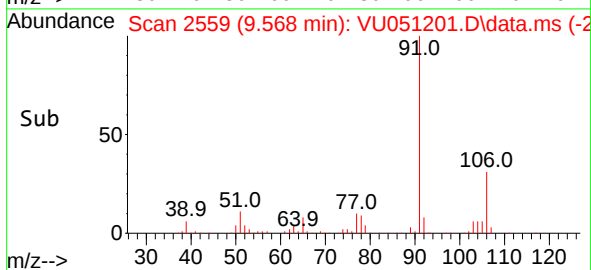
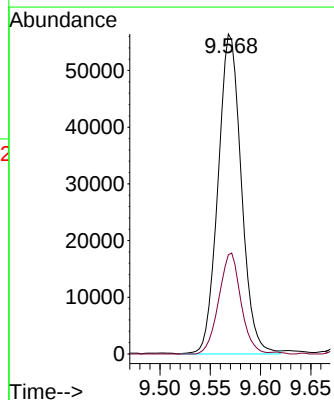
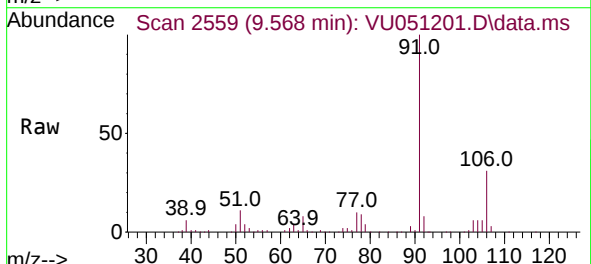
Instrument : MSVOA_U
ClientSampleId : EY0D8

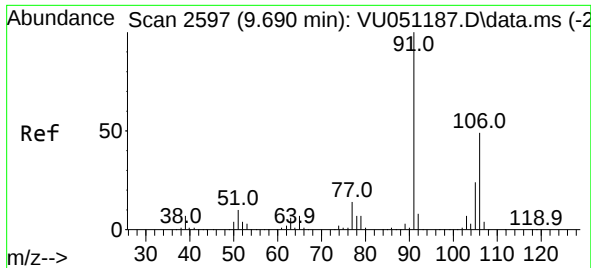
Tgt Ion:	97	Resp:	4713
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.4	82.4#
83	10.7	61.7	114.5#
85	0.0	40.4	75.0#



#52
Ethylbenzene
Concen: 6.835 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Tgt Ion:	91	Resp:	91096
Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.7	40.3

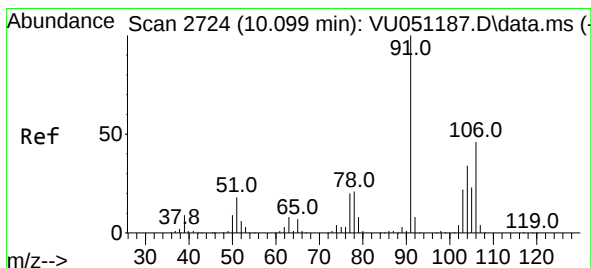
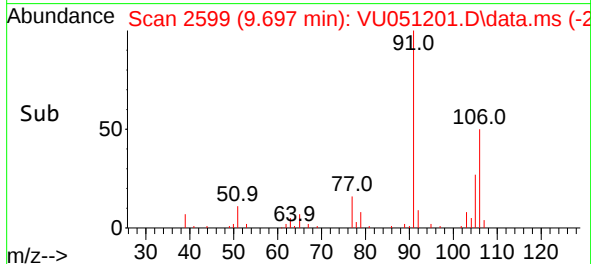
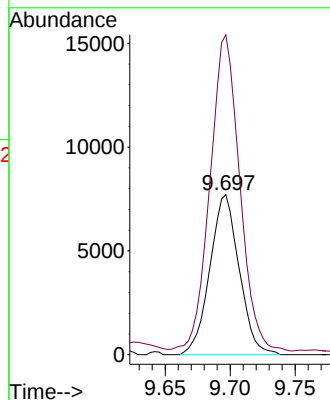
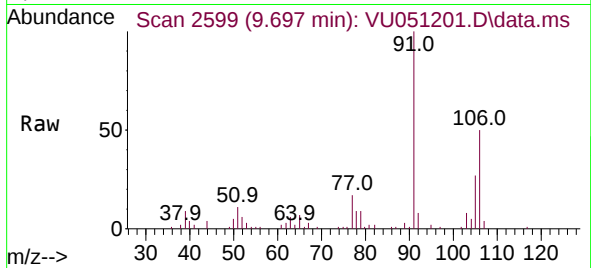




#53
m,p-Xylene
Concen: 2.412 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

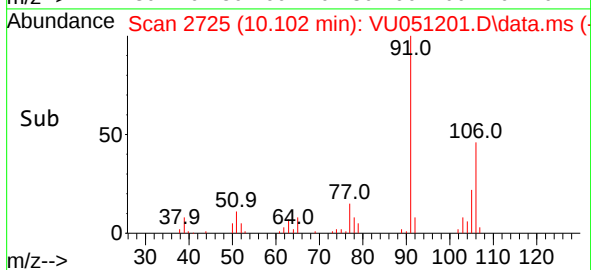
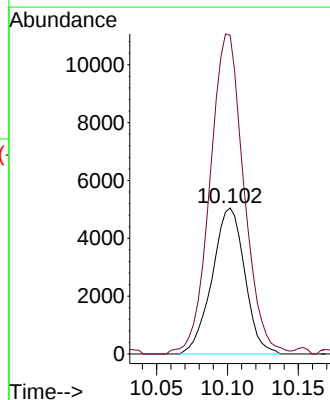
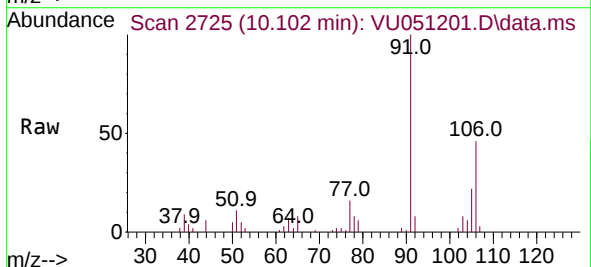
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MSVOA_U
ClientSampleId :
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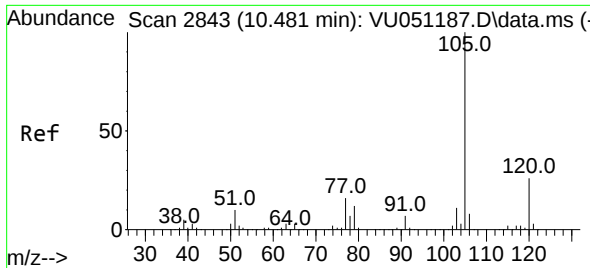
Tgt Ion:106 Resp: 12090
Ion Ratio Lower Upper
106 100
91 200.0 141.9 263.5



#54
o-Xylene
Concen: 1.613 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Tgt Ion:106 Resp: 8082
Ion Ratio Lower Upper
106 100
91 205.8 152.4 283.0

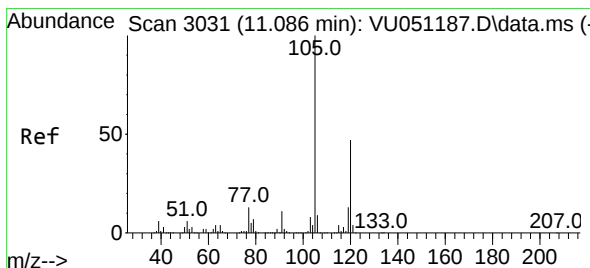
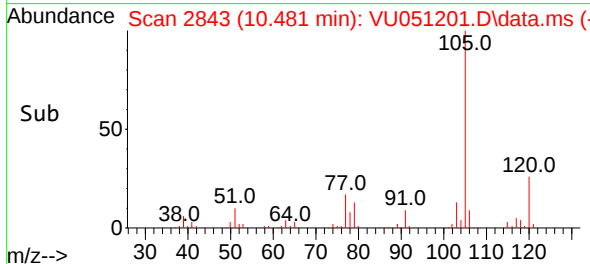
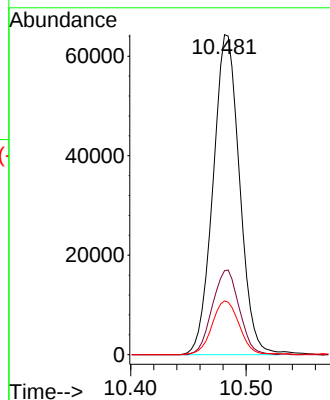
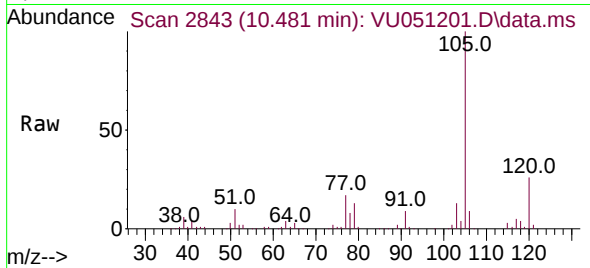




#61
Isopropylbenzene
Concen: 8.485 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

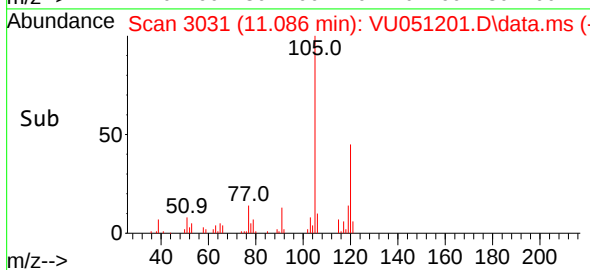
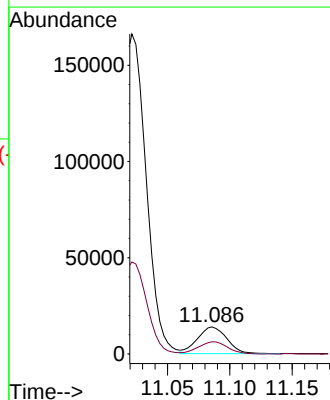
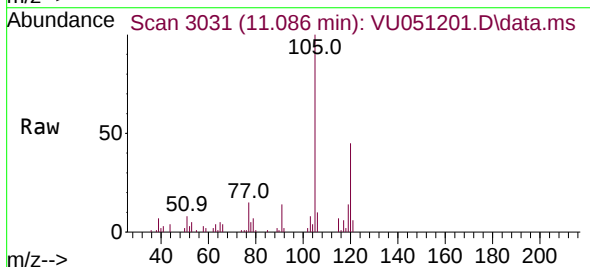
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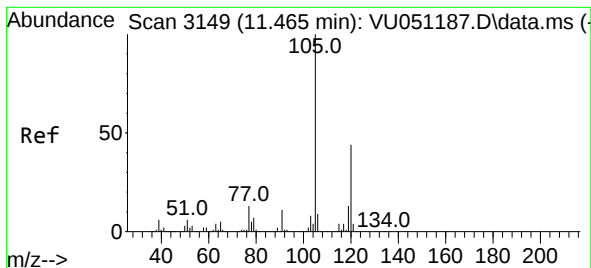
Tgt Ion:105 Resp: 102688
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 17.1 12.8 19.2



#62
1,3,5-Trimethylbenzene
Concen: 2.298 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Tgt Ion:105 Resp: 22743
Ion Ratio Lower Upper
105 100
120 45.2 37.8 56.8





#63

1,2,4-Trimethylbenzene

Concen: 309.334 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051201.D

Acq: 07 Oct 2022 03:13

Instrument :

MSVOA_U

ClientSampleId :

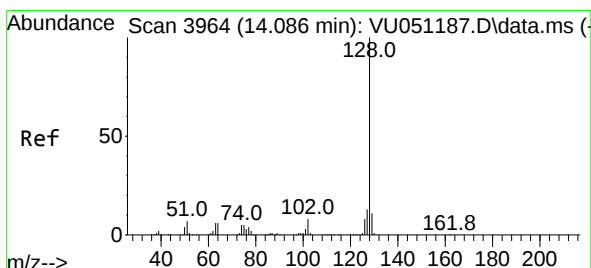
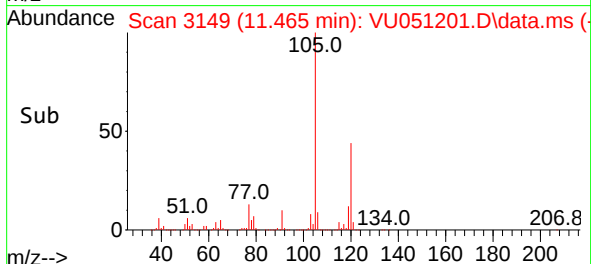
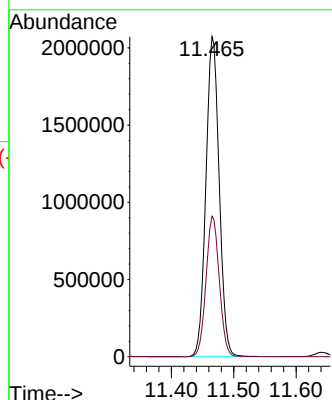
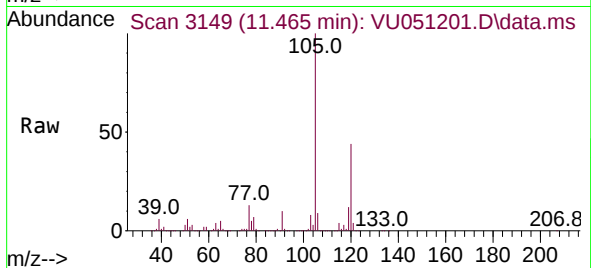
EY0D8

Tgt Ion:105 Resp: 3068190

Ion Ratio Lower Upper

105 100

120 43.9 35.5 53.3



#71

Naphthalene

Concen: 17.146 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VU051201.D

Acq: 07 Oct 2022 03:13

Tgt Ion:128 Resp: 212438

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.2 8.6 13.0

