

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051149.D
 Acq On : 06 Oct 2022 00:41
 Operator : JC/MD
 Sample : N4883-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-140

Quant Time: Oct 06 06:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

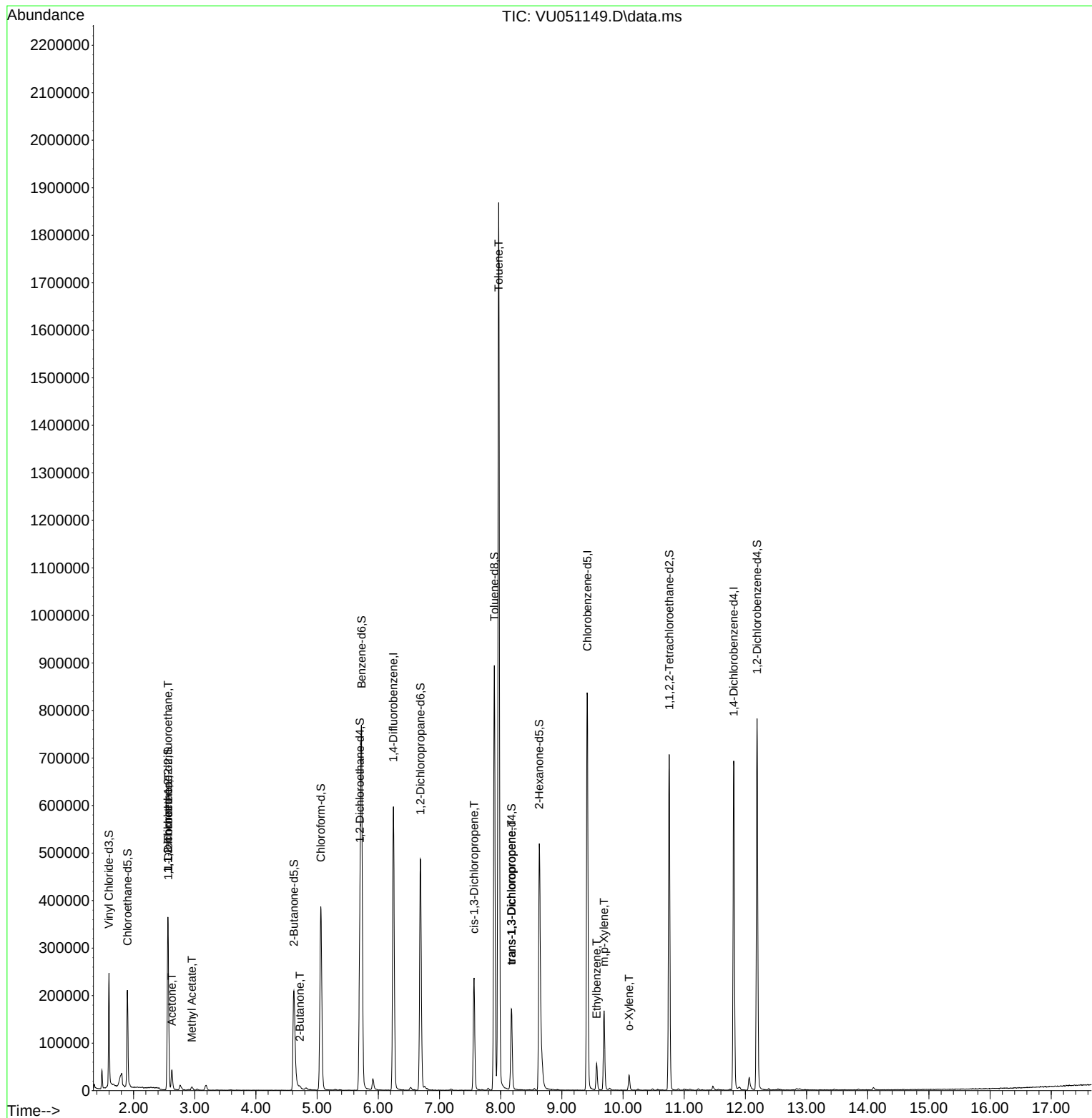
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	492420	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	476946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	185019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159273	31.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.840%		
7) Chloroethane-d5	1.899	69	156322	33.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.440%#		
11) 1,1-Dichloroethene-d2	2.562	63	216672	29.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.780%#		
21) 2-Butanone-d5	4.620	46	302324	93.405	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.400%		
24) Chloroform-d	5.060	84	347136	43.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.360%		
26) 1,2-Dichloroethane-d4	5.700	65	225768	45.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.740%		
32) Benzene-d6	5.726	84	718967	51.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.960%		
36) 1,2-Dichloropropane-d6	6.687	67	244680	53.988	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.980%		
41) Toluene-d8	7.896	98	602028	46.654	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.300%		
43) trans-1,3-Dichloroprop...	8.179	79	95717	44.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.560%		
47) 2-Hexanone-d5	8.629	63	161663	88.341	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.340%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	358785	45.297	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	207830	52.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2216	0.589	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1894	0.539	ug/L #	1
13) Acetone	2.626	43	44978	17.402	ug/L	97
15) Methyl Acetate	2.951	43	8951	1.897	ug/L #	89
22) 2-Butanone	4.716	43	7699	2.156	ug/L	78
39) cis-1,3-Dichloropropene	7.565	75	5353	0.965	ug/L #	56
42) Toluene	7.967	91	1390296	89.892	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	3727	0.665	ug/L #	75
52) Ethylbenzene	9.568	91	39758	2.410	ug/L	95
53) m,p-Xylene	9.690	106	48928	7.887	ug/L	93
54) o-Xylene	10.099	106	8877	1.432	ug/L	82

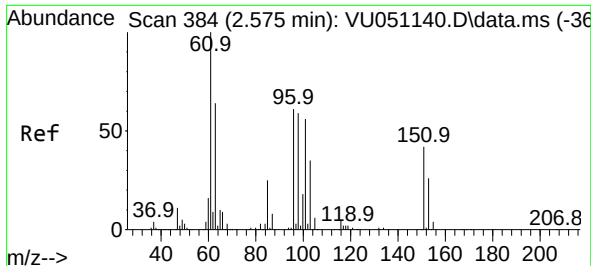
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

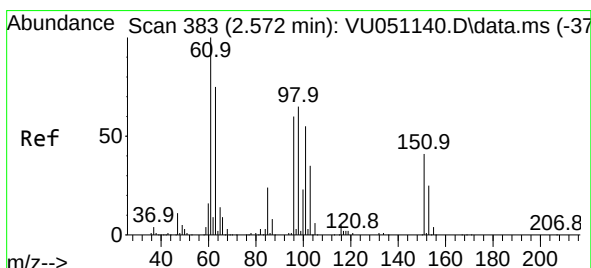
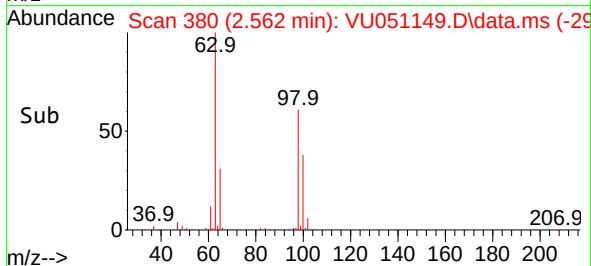
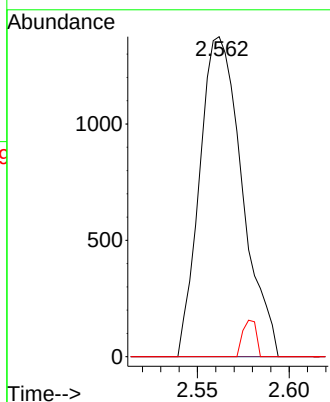
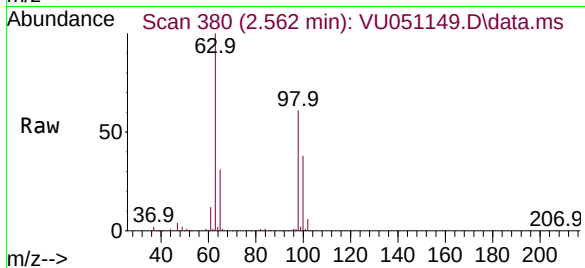




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.589 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051149.D
Acq: 06 Oct 2022 00:41

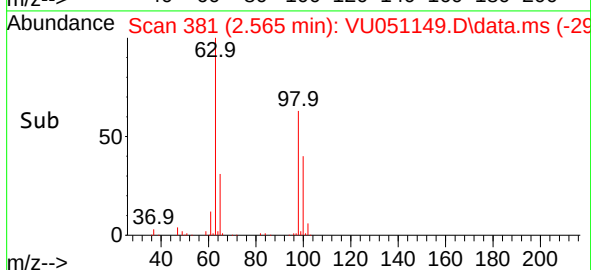
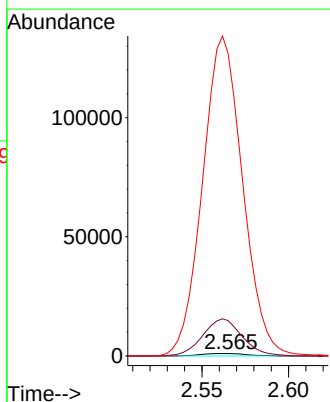
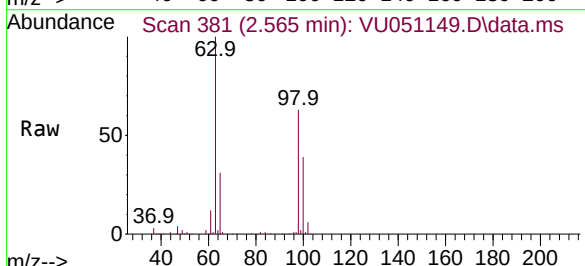
Instrument :
MSVOA_U
ClientSampleId :
MW-140

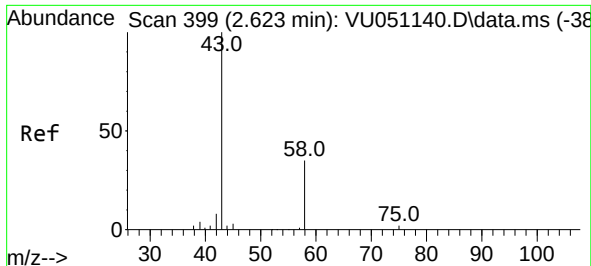
Tgt Ion:101 Resp: 2216
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 3.7 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.539 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.007 min
Lab File: VU051149.D
Acq: 06 Oct 2022 00:41

Tgt Ion: 96 Resp: 1894
Ion Ratio Lower Upper
96 100
61 1478.8 113.0 209.9#
63 12661.1 91.7 170.3#





#13

Acetone

Concen: 17.402 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU051149.D

Acq: 06 Oct 2022 00:41

Instrument :

MSVOA_U

ClientSampleId :

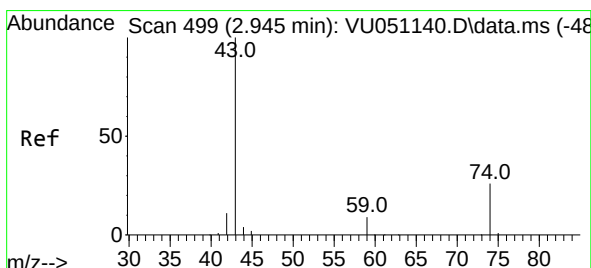
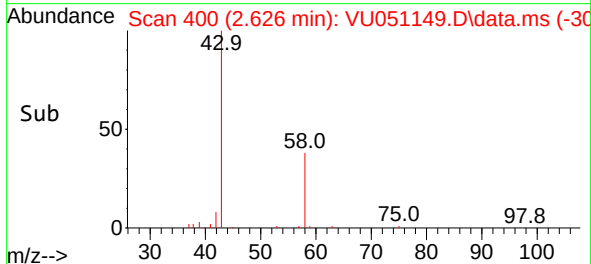
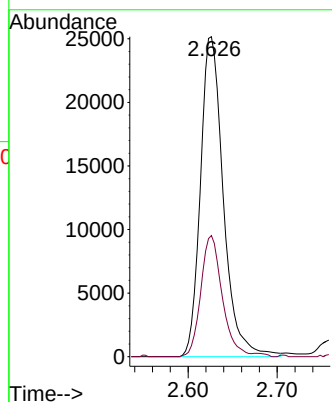
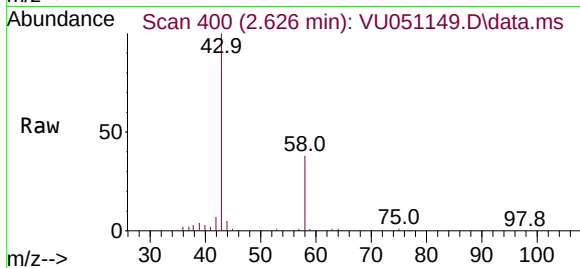
MW-140

Tgt Ion: 43 Resp: 44978

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.6



#15

Methyl Acetate

Concen: 1.897 ug/L

RT: 2.951 min Scan# 501

Delta R.T. 0.006 min

Lab File: VU051149.D

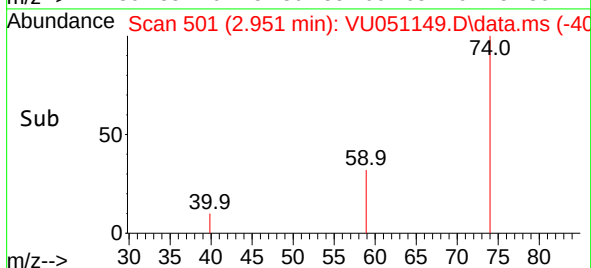
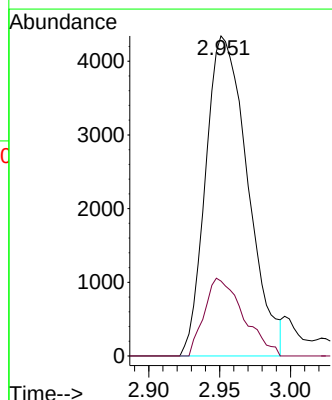
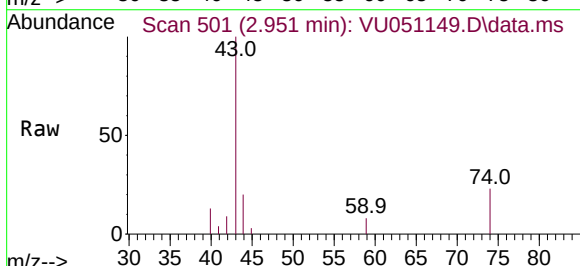
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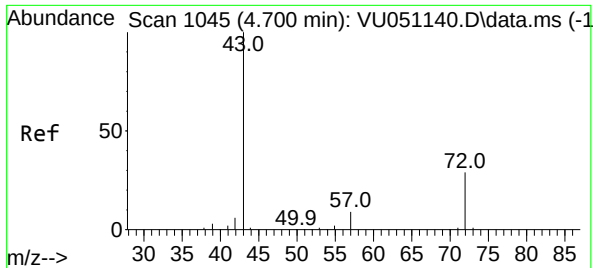
Tgt Ion: 43 Resp: 8951

Ion Ratio Lower Upper

43 100

74 22.3 22.4 33.6#





#22

2-Butanone

Concen: 2.156 ug/L

RT: 4.716 min Scan# 1045

Delta R.T. 0.016 min

Lab File: VU051149.D

Acq: 06 Oct 2022 00:41

Instrument :

MSVOA_U

ClientSampleId :

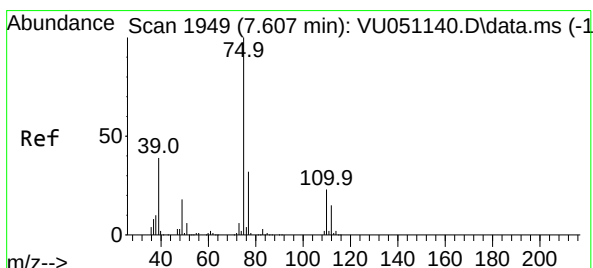
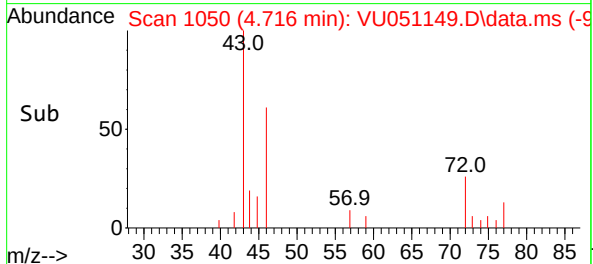
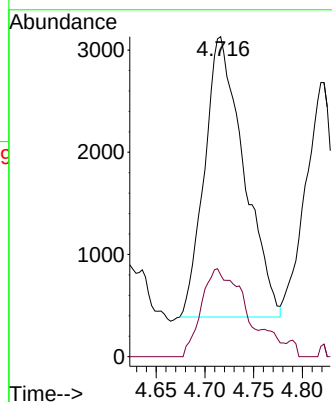
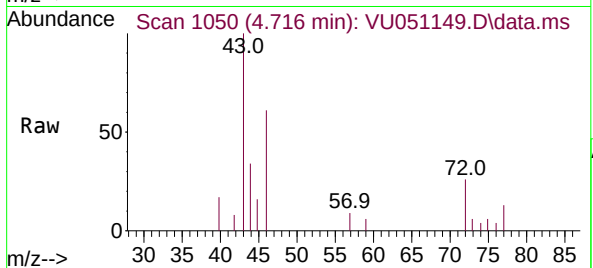
MW-140

Tgt Ion: 43 Resp: 7699

Ion Ratio Lower Upper

43 100

72 19.5 15.8 47.4



#39

cis-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051149.D

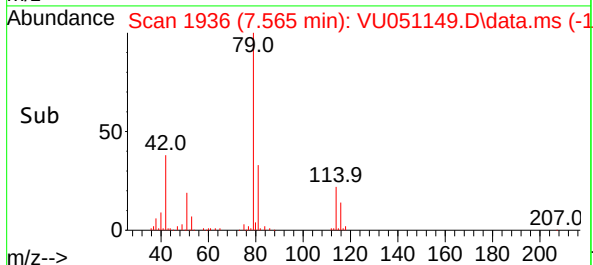
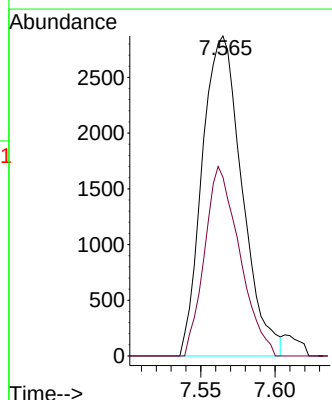
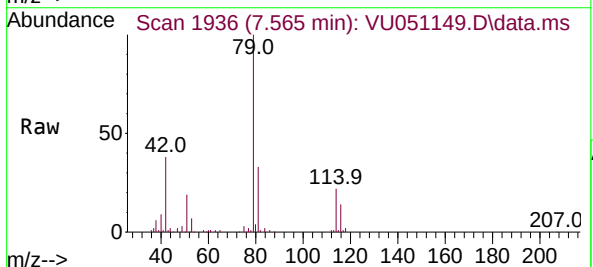
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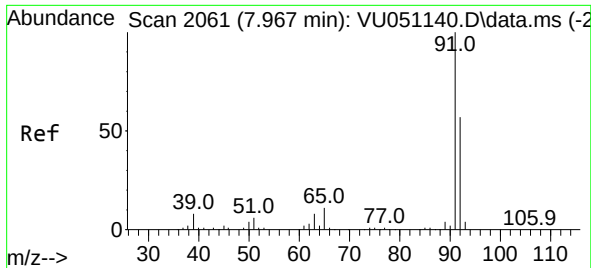
Tgt Ion: 75 Resp: 5353

Ion Ratio Lower Upper

75 100

77 55.9 22.0 41.0#





#42

Toluene

Concen: 89.892 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051149.D

Acq: 06 Oct 2022 00:41

Instrument :

MSVOA_U

ClientSampleId :

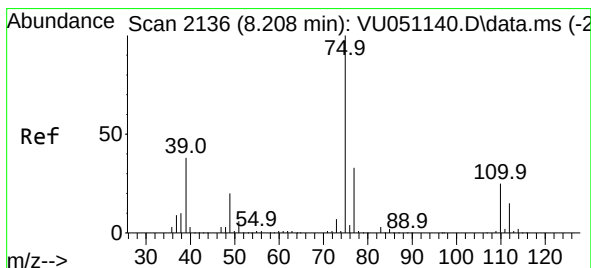
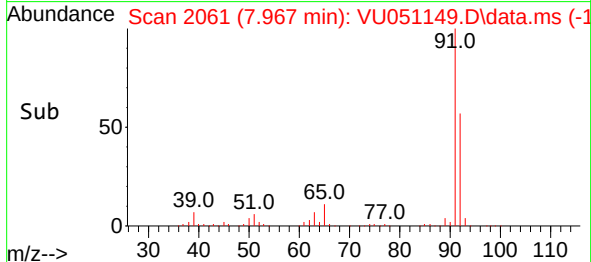
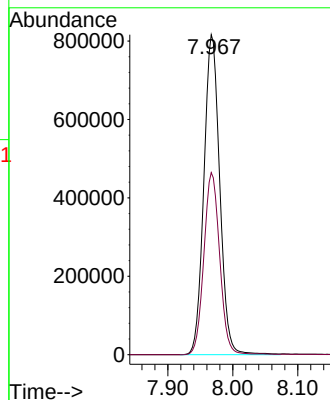
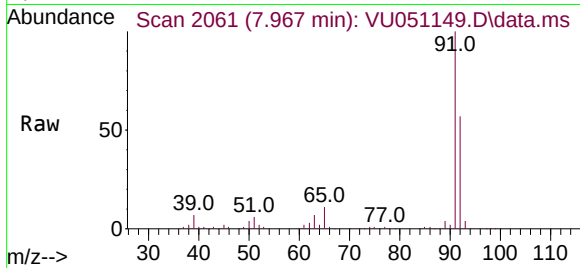
MW-140

Tgt Ion: 91 Resp: 1390296

Ion Ratio Lower Upper

91 100

92 56.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.665 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051149.D

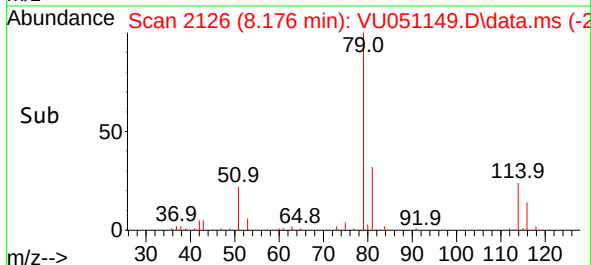
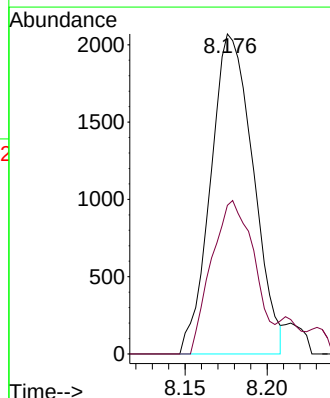
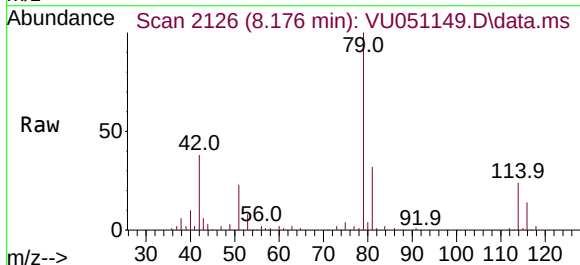
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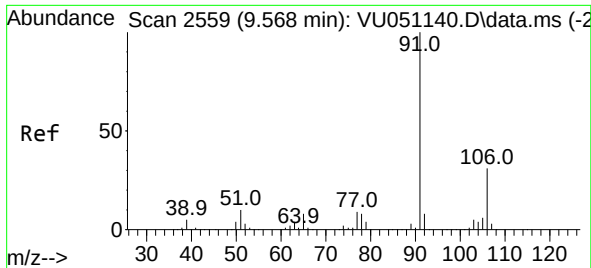
Tgt Ion: 75 Resp: 3727

Ion Ratio Lower Upper

75 100

77 46.5 22.7 42.3#

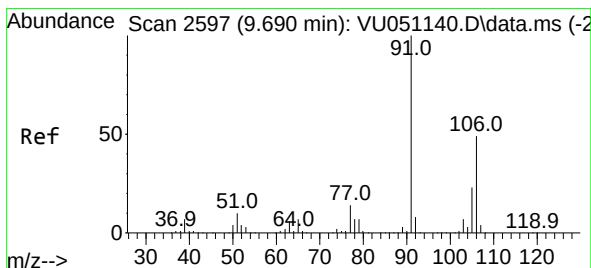
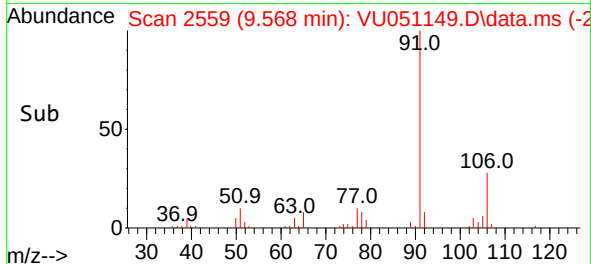
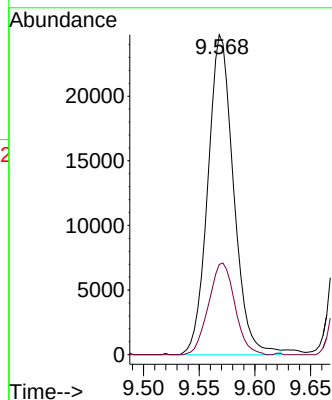
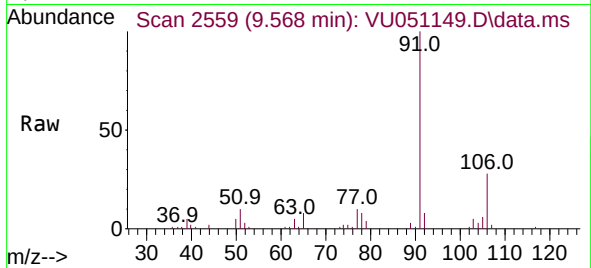




#52
Ethylbenzene
Concen: 2.410 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
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Acq: 06 Oct 2022 00:41

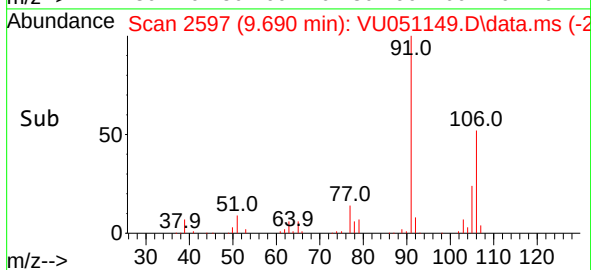
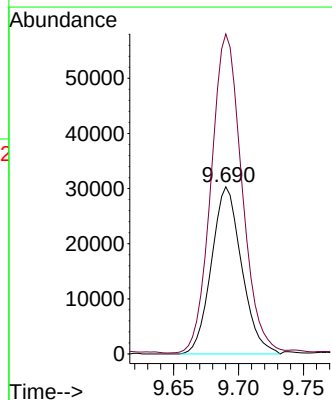
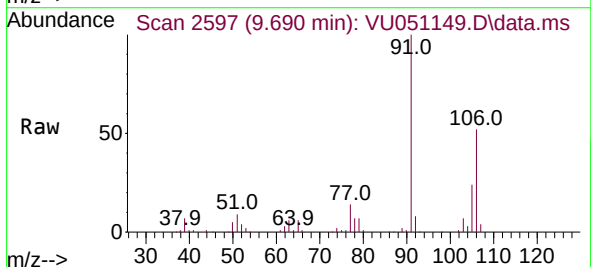
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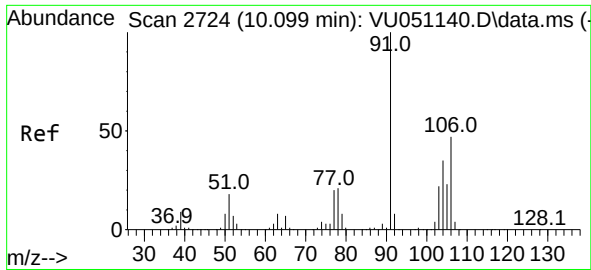
Tgt Ion: 91 Resp: 39758
Ion Ratio Lower Upper
91 100
106 28.2 21.7 40.3



#53
m,p-Xylene
Concen: 7.887 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051149.D
Acq: 06 Oct 2022 00:41

Tgt Ion: 106 Resp: 48928
Ion Ratio Lower Upper
106 100
91 191.5 141.9 263.5





#54
 o-Xylene
 Concen: 1.432 ug/L
 RT: 10.099 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051149.D
 Acq: 06 Oct 2022 00:41

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-140

Tgt Ion:106 Resp: 8877
 Ion Ratio Lower Upper
 106 100
 91 189.3 152.4 283.0

