

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051147.D
 Acq On : 05 Oct 2022 23:53
 Operator : JC/MD
 Sample : N4890-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E3

Quant Time: Oct 06 06:32:07 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)

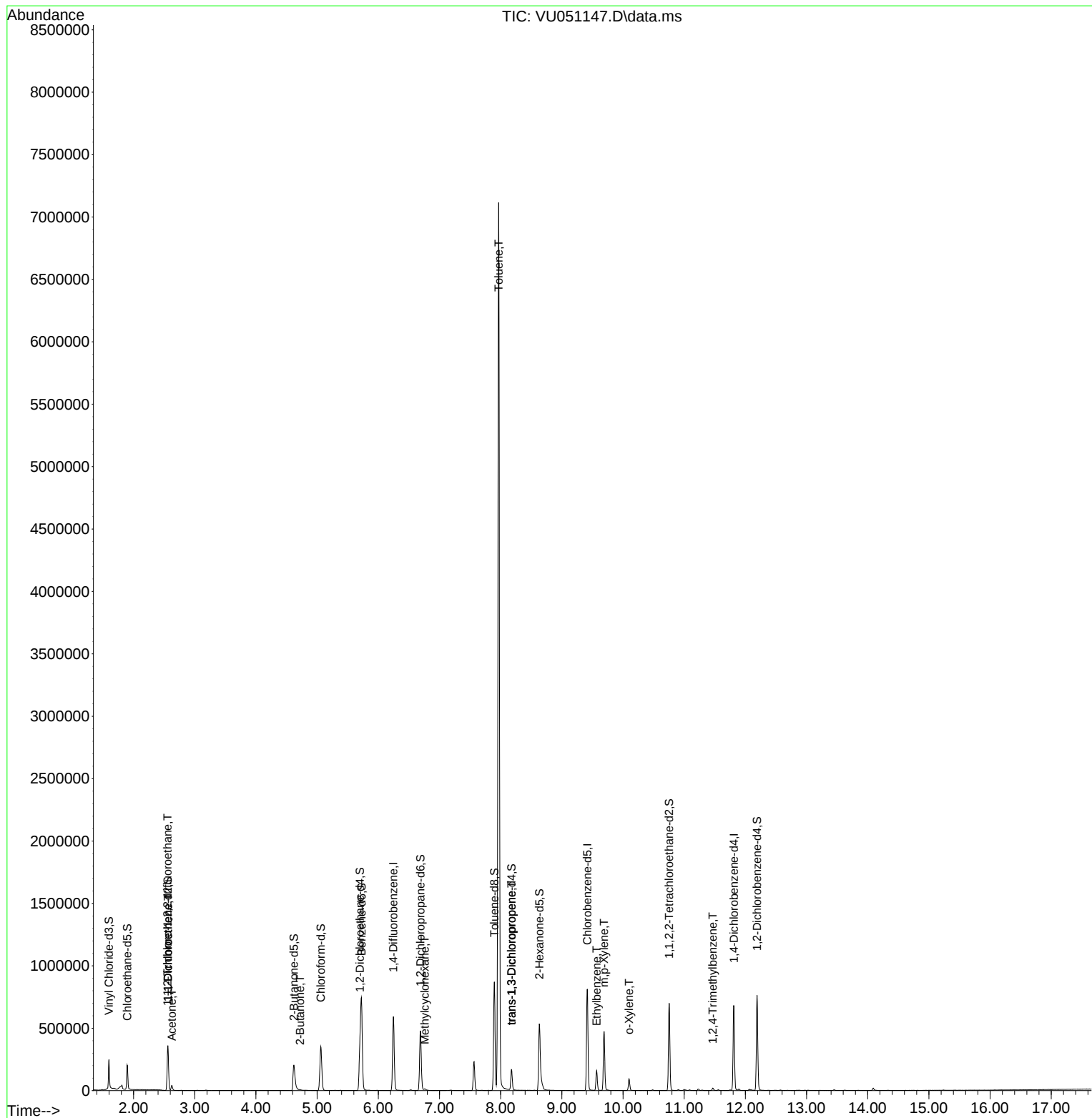
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	486523	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	469561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159324	32.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.620%		
7) Chloroethane-d5	1.896	69	150073	32.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.540%#		
11) 1,1-Dichloroethene-d2	2.559	63	214589	29.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.920%#		
21) 2-Butanone-d5	4.620	46	292855	91.576	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.580%		
24) Chloroform-d	5.060	84	336754	42.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.780%		
26) 1,2-Dichloroethane-d4	5.700	65	219893	44.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.440%		
32) Benzene-d6	5.726	84	709935	51.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.260%		
36) 1,2-Dichloropropane-d6	6.687	67	240489	53.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.800%		
41) Toluene-d8	7.896	98	592396	46.629	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
43) trans-1,3-Dichloroprop...	8.179	79	94706	44.500	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.000%		
47) 2-Hexanone-d5	8.632	63	170733	94.765	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.760%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	356643	45.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.460%		
66) 1,2-Dichlorobenzene-d4	12.192	152	200560	50.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.220%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	2000	0.538	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1630	0.470	ug/L #	1
13) Acetone	2.626	43	40890	16.012	ug/L	98
22) 2-Butanone	4.719	43	5954	1.688	ug/L	80
35) Methylcyclohexane	6.758	83	4603	0.912	ug/L #	78
42) Toluene	7.967	91	5326116	349.786	ug/L	100
44) trans-1,3-Dichloropropene	8.176	75	4229	0.766	ug/L	84
52) Ethylbenzene	9.568	91	111536	6.867	ug/L	100
53) m,p-Xylene	9.690	106	135633	22.207	ug/L	98
54) o-Xylene	10.099	106	25634	4.199	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	11198	1.134	ug/L	96

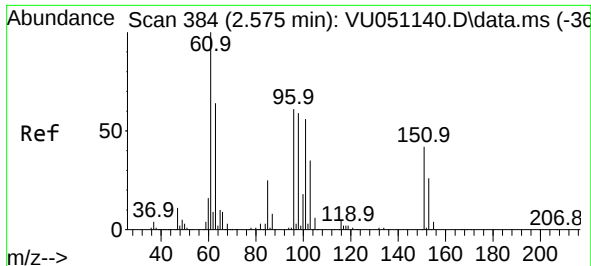
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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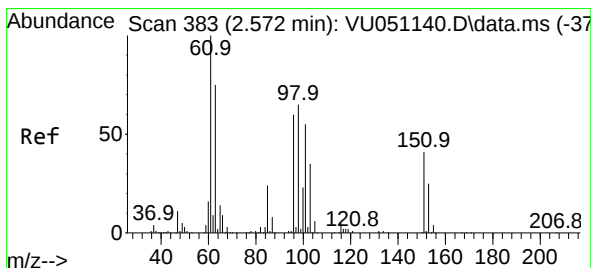
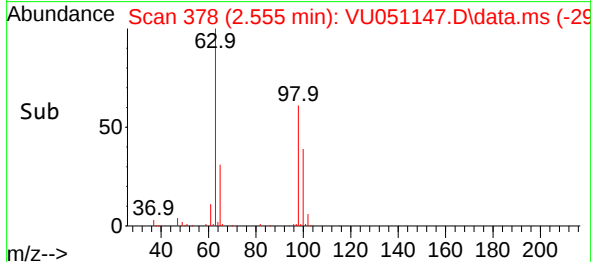
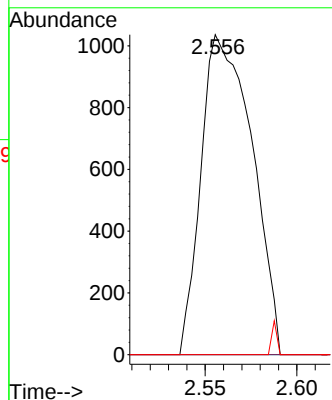
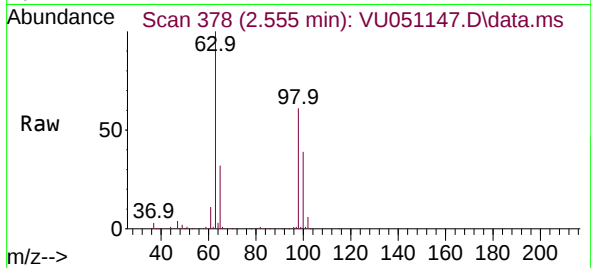




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.538 ug/L
 RT: 2.555 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU051147.D
 Acq: 05 Oct 2022 23:53

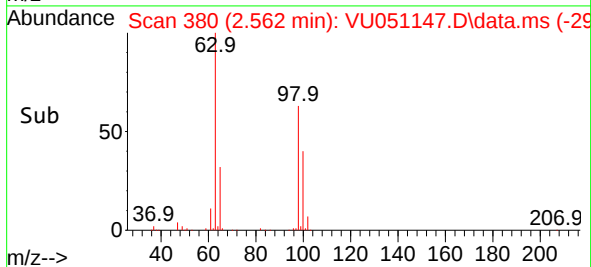
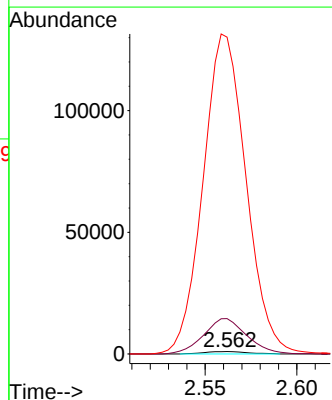
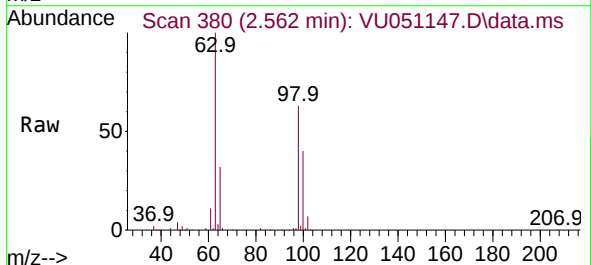
Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E3

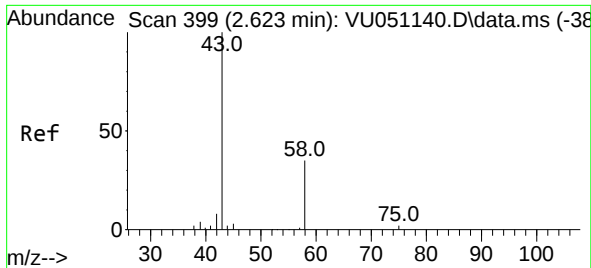
Tgt Ion:101 Resp: 2000
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.470 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.010 min
 Lab File: VU051147.D
 Acq: 05 Oct 2022 23:53

Tgt Ion: 96 Resp: 1630
 Ion Ratio Lower Upper
 96 100
 61 1490.1 113.0 209.9#
 63 13353.0 91.7 170.3#





#13

Acetone

Concen: 16.012 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU051147.D

Acq: 05 Oct 2022 23:53

Instrument :

MSVOA_U

ClientSampleId :

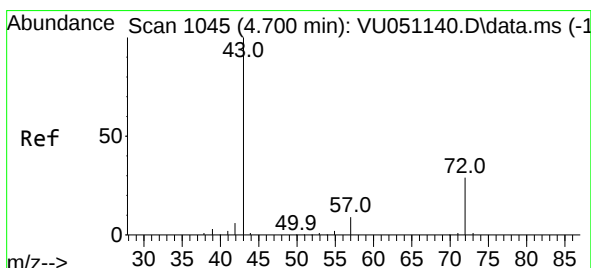
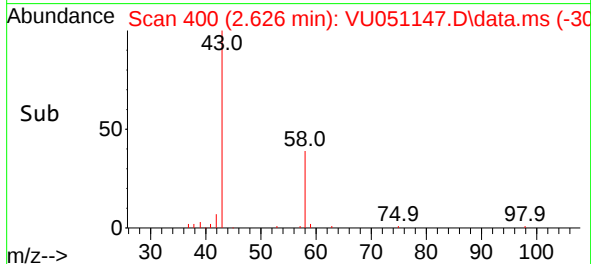
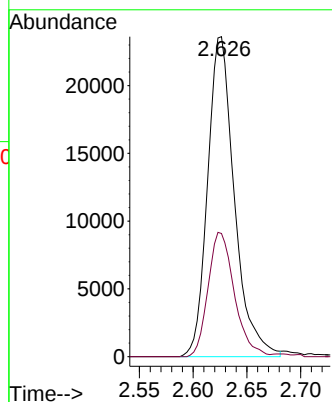
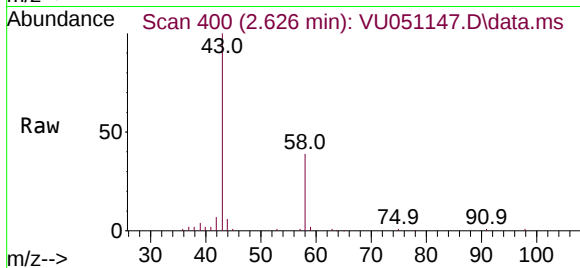
EY0E3

Tgt Ion: 43 Resp: 40890

Ion Ratio Lower Upper

43 100

58 38.1 0.0 73.6



#22

2-Butanone

Concen: 1.688 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU051147.D

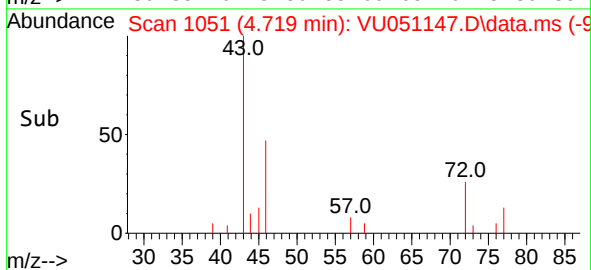
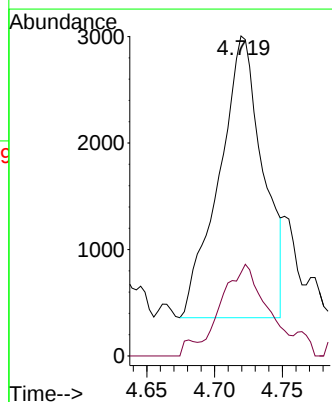
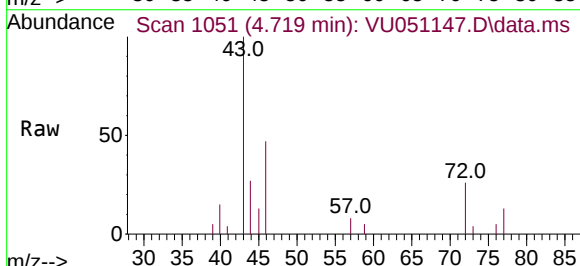
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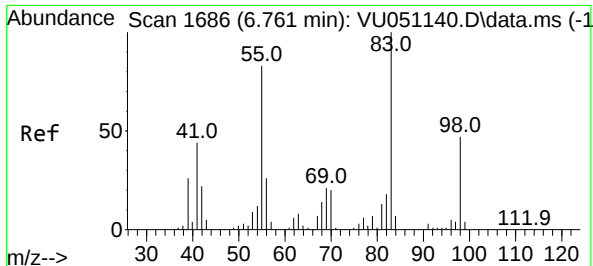
Tgt Ion: 43 Resp: 5954

Ion Ratio Lower Upper

43 100

72 20.5 15.8 47.4





#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051147.D

Acq: 05 Oct 2022 23:53

Instrument :

MSVOA_U

ClientSampleId :

EY0E3

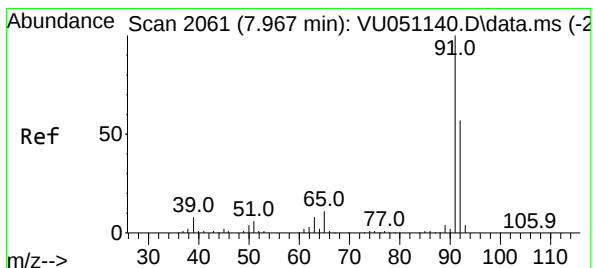
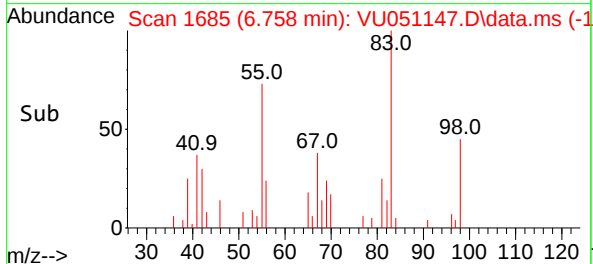
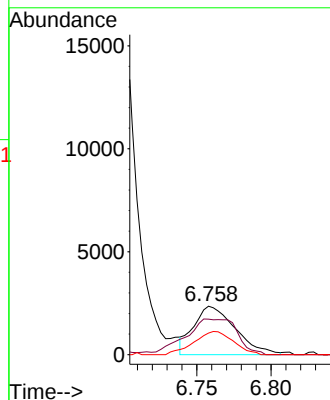
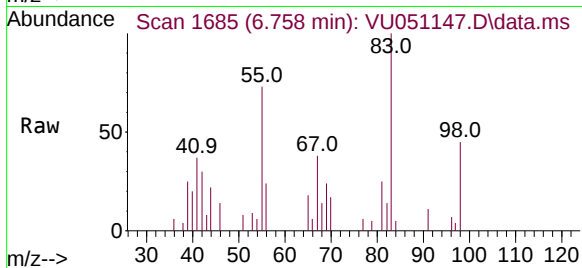
Tgt Ion: 83 Resp: 4603

Ion Ratio Lower Upper

83 100

55 45.1 59.3 88.9#

98 45.3 36.0 54.0



#42

Toluene

Concen: 349.786 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051147.D

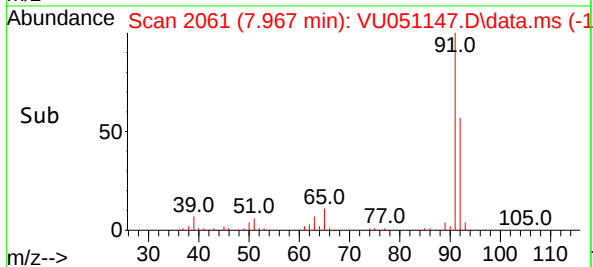
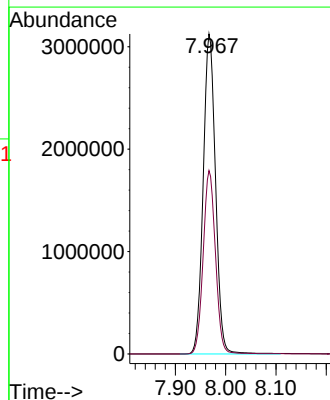
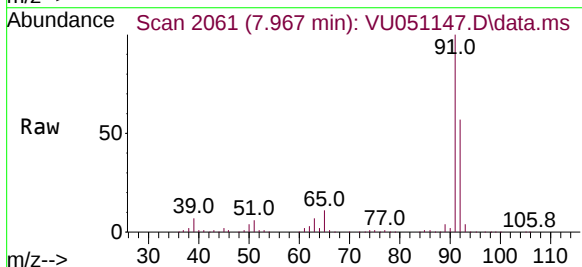
Acq: 05 Oct 2022 23:53

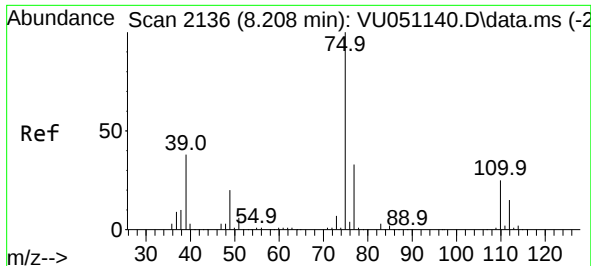
Tgt Ion: 91 Resp: 5326116

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5

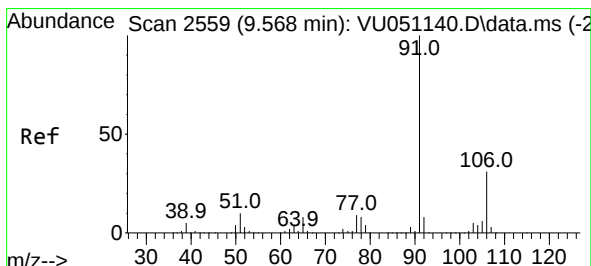
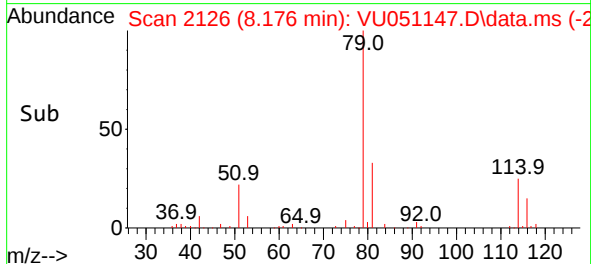
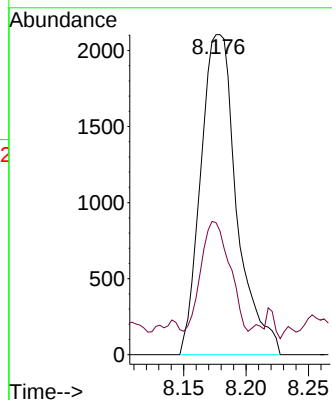
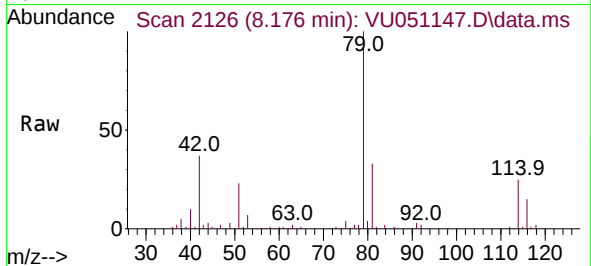




#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

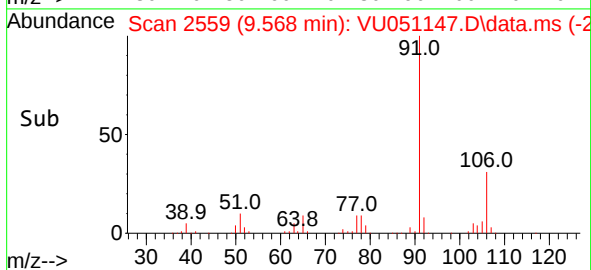
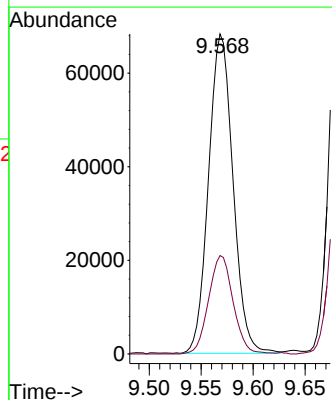
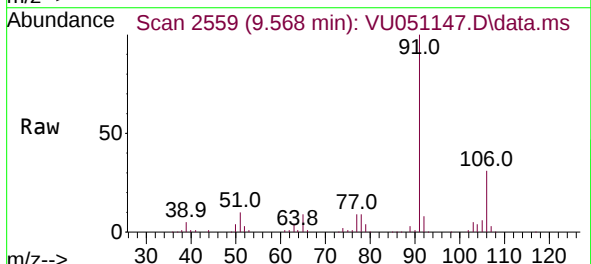
Instrument :
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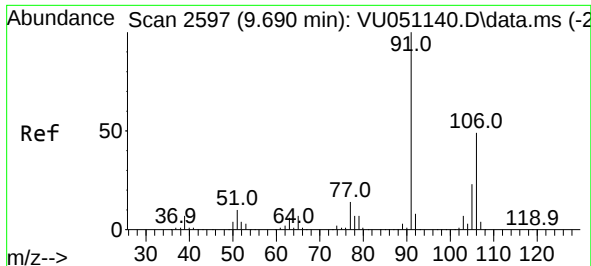
Tgt Ion: 75 Resp: 4229
Ion Ratio Lower Upper
75 100
77 41.3 22.7 42.3



#52
Ethylbenzene
Concen: 6.867 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Tgt Ion: 91 Resp: 111536
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3

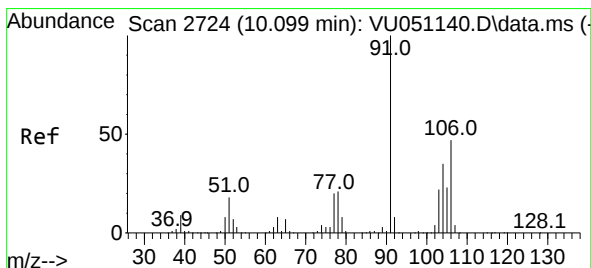
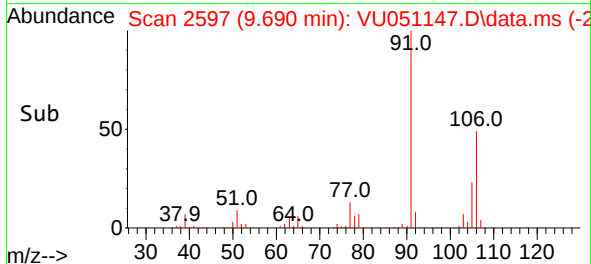
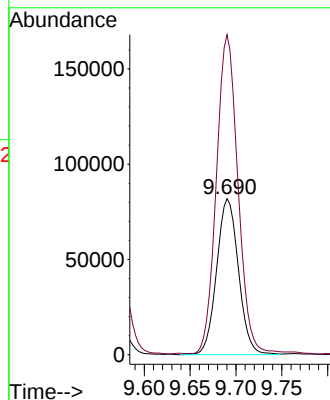
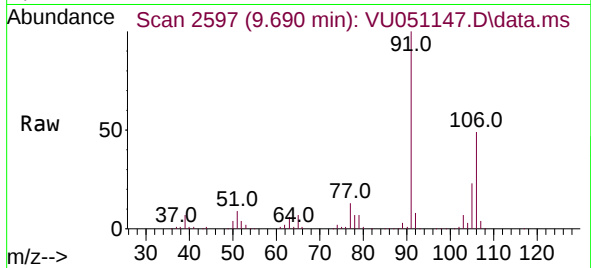




#53
m,p-Xylene
Concen: 22.207 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

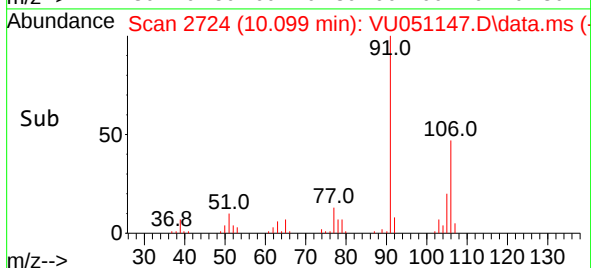
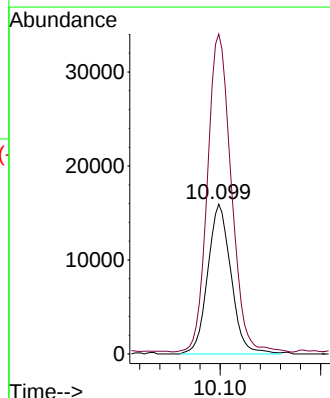
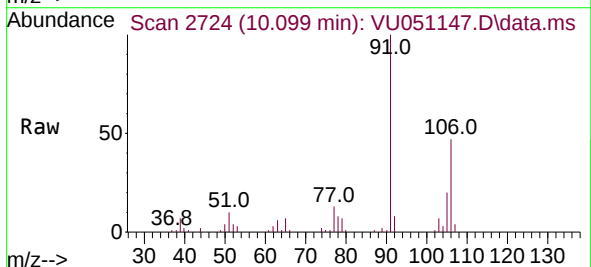
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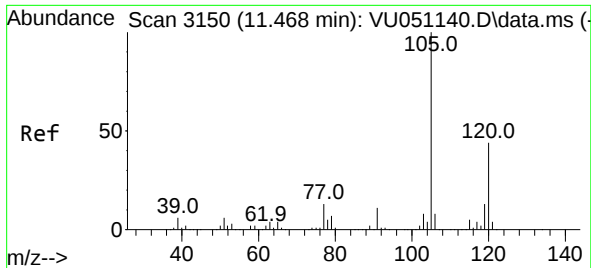
Tgt Ion:106 Resp: 135633
Ion Ratio Lower Upper
106 100
91 205.2 141.9 263.5



#54
o-Xylene
Concen: 4.199 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051147.D
Acq: 05 Oct 2022 23:53

Tgt Ion:106 Resp: 25634
Ion Ratio Lower Upper
106 100
91 213.7 152.4 283.0





#63
 1,2,4-Trimethylbenzene
 Concen: 1.134 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU051147.D
 Acq: 05 Oct 2022 23:53

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E3

Tgt Ion:105 Resp: 11198
 Ion Ratio Lower Upper
 105 100
 120 41.7 35.5 53.3

