

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051310.D
 Acq On : 09 Oct 2022 19:20
 Operator : JC/MD
 Sample : N5013-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA47

Quant Time: Oct 10 01:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	244621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68968	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.912	69	69808	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.565	65	29895	3.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.620	46	248310	57.157	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.320%
24) Chloroform-d	5.060	84	160092	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	88586	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	309362	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	107549	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.896	98	251109	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.179	79	35030	4.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.632	63	154132	57.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.680%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95138	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	95686	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	873	0.046	ug/L #	21
13) Acetone	2.626	43	32779	10.060	ug/L	97
21) 2-Butanone	4.716	43	8096	1.577	ug/L	87
22) cis-1,2-Dichloroethene	4.661	96	3958	0.190	ug/L #	74
33) Benzene	5.774	78	64546	0.751	ug/L	100
35) Methylcyclohexane	6.690	83	24542	0.907	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11308	0.480	ug/L #	89
42) Toluene	7.967	91	124311	1.362	ug/L	96
51) Chlorobenzene	9.446	112	20048	0.368	ug/L	97
52) Ethylbenzene	9.571	91	23367	0.285	ug/L	98
53) m,p-Xylene	9.690	106	20758	0.653	ug/L	94
54) o-Xylene	10.099	106	4998	0.166	ug/L	97
60) Isopropylbenzene	10.484	105	4778	0.067	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	15218	1.078	ug/L #	71
65) 1,4-Dichlorobenzene	11.838	146	2482	0.072	ug/L	98
71) Naphthalene	14.086	128	35423	1.111	ug/L	99

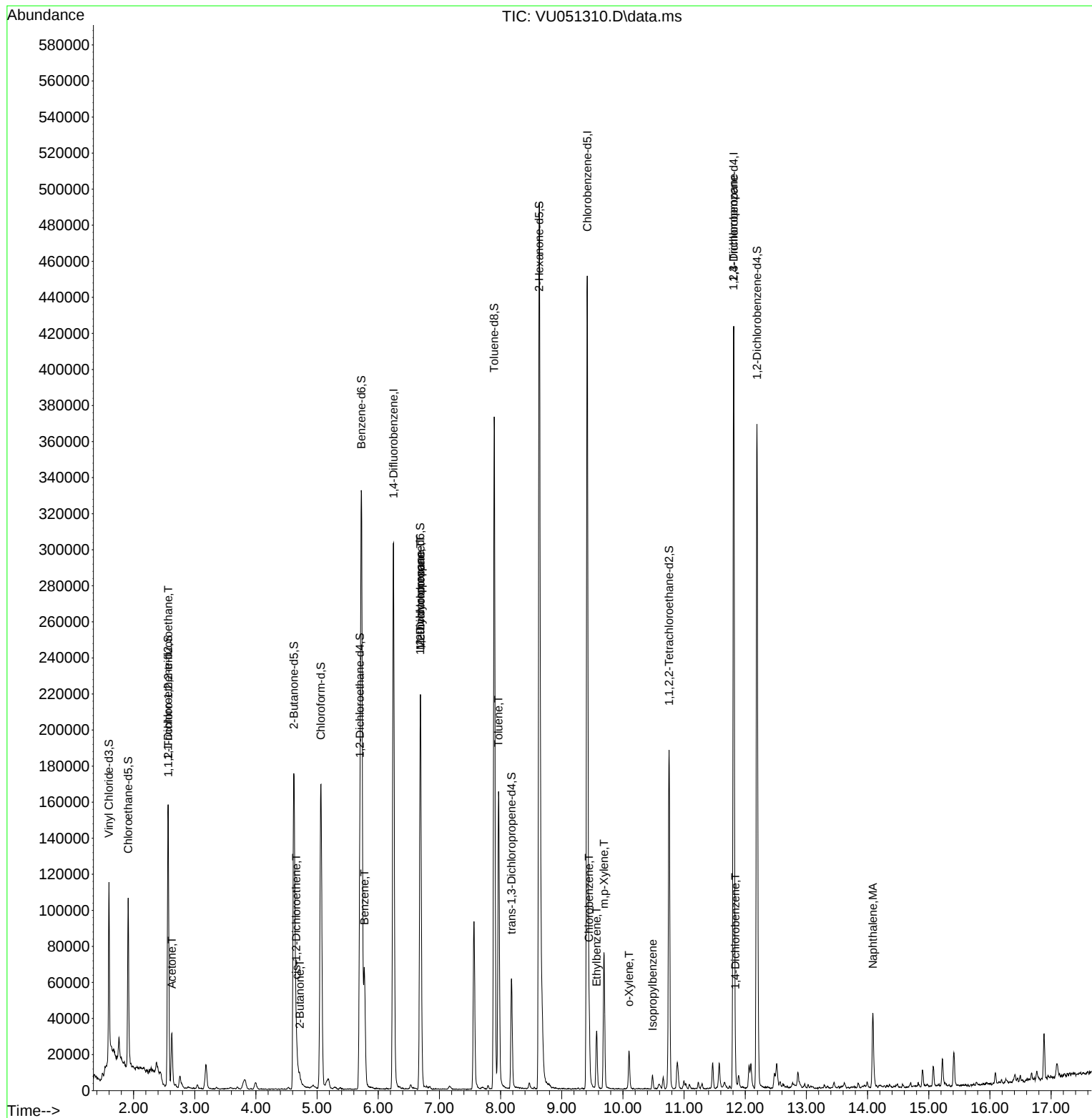
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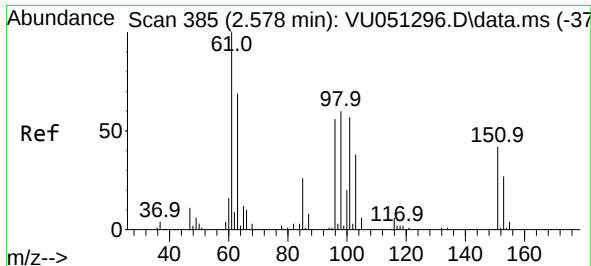
Instrument :
MSVOA_U
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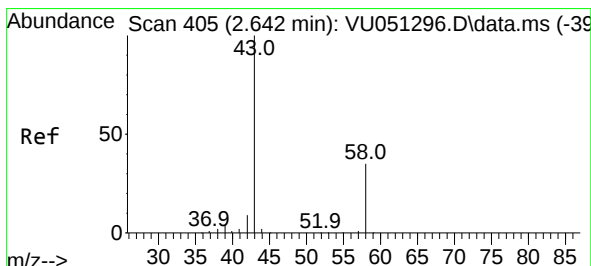
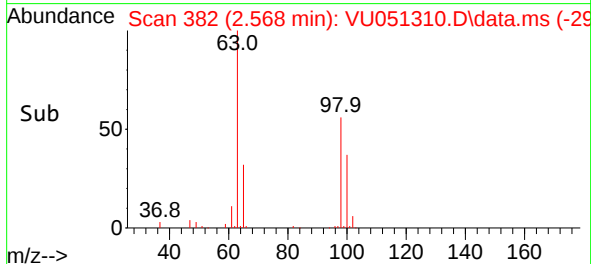
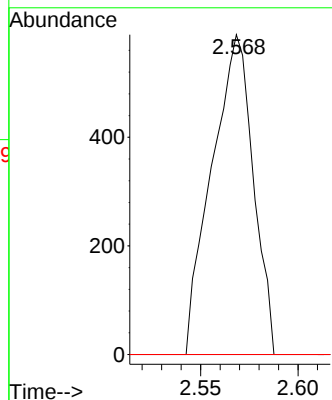
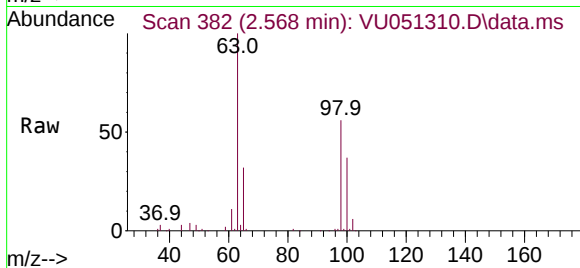




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.046 ug/L
 RT: 2.568 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VU051310.D
 Acq: 09 Oct 2022 19:20

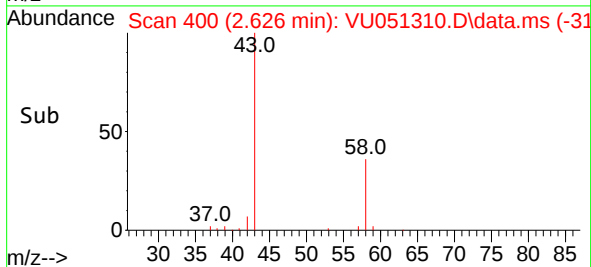
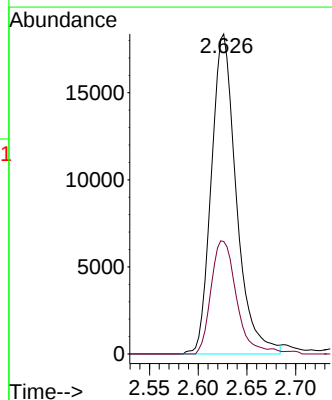
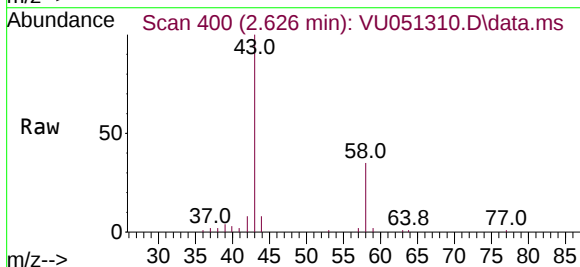
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 MSVOA_U
 ClientSampleId :
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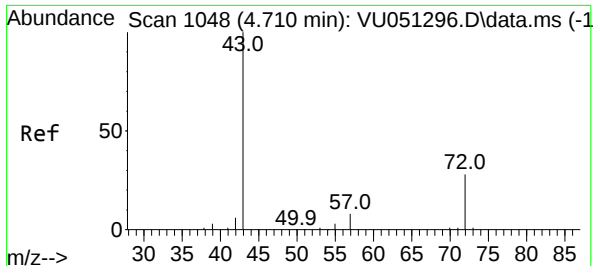
Tgt Ion: 101 Resp: 873
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.5 84.7#



#13
 Acetone
 Concen: 10.060 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.016 min
 Lab File: VU051310.D
 Acq: 09 Oct 2022 19:20

Tgt Ion: 43 Resp: 32779
 Ion Ratio Lower Upper
 43 100
 58 36.1 0.0 68.8

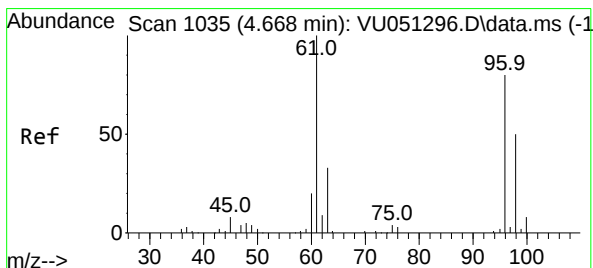
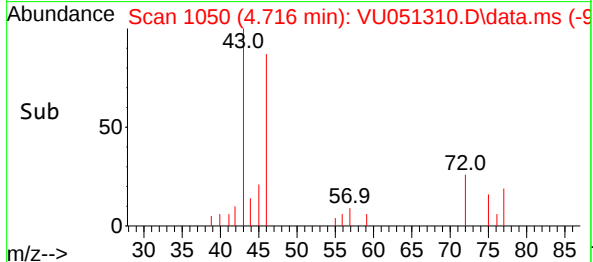
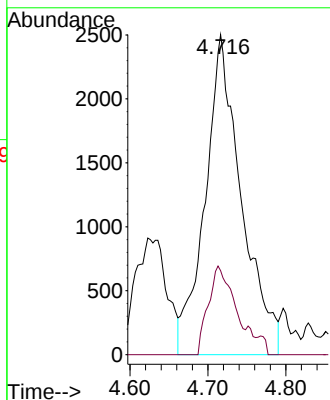
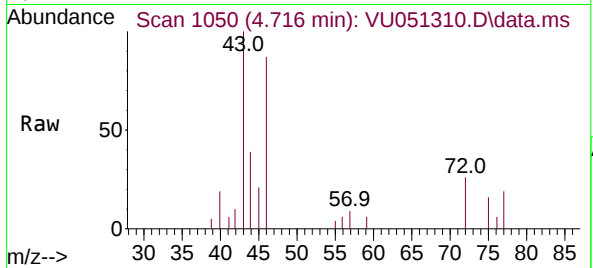




#21
2-Butanone
Concen: 1.577 ug/L
RT: 4.716 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

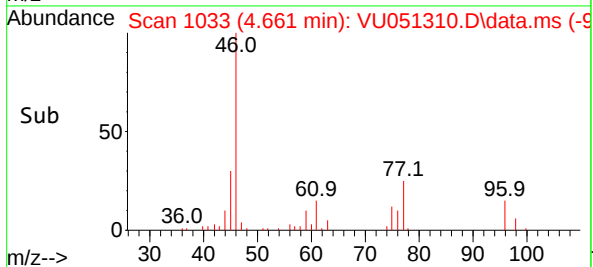
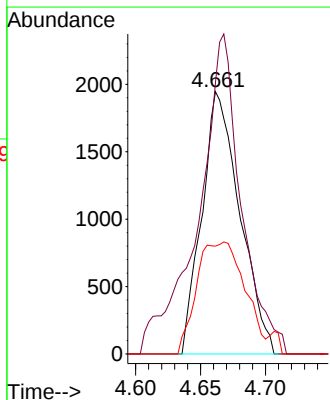
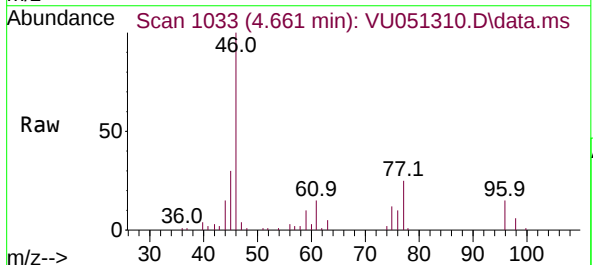
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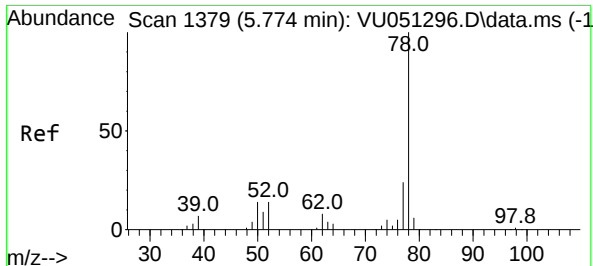
Tgt Ion: 43 Resp: 8096
Ion Ratio Lower Upper
43 100
72 21.0 13.8 41.4



#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion: 96 Resp: 3958
Ion Ratio Lower Upper
96 100
61 103.5 90.6 168.2
98 41.1 47.5 88.3#

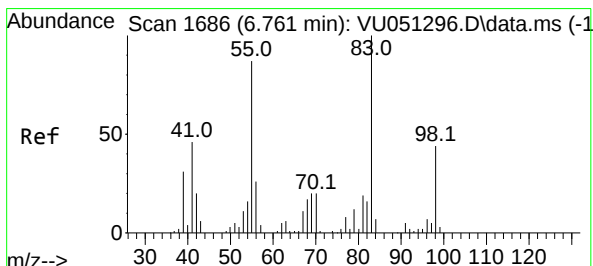
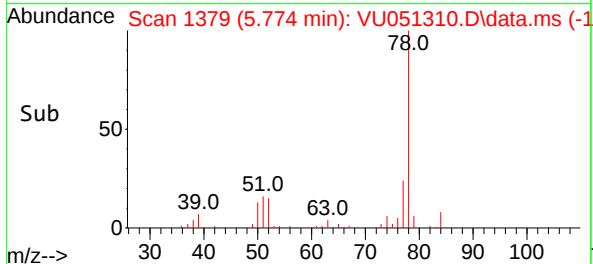
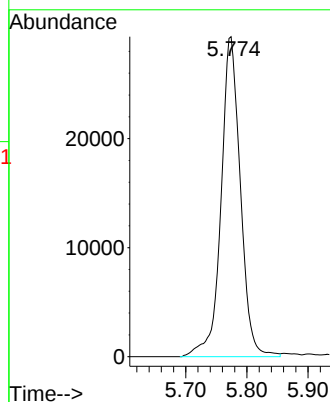
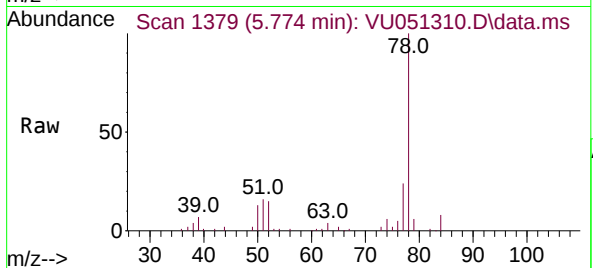




#33
Benzene
Concen: 0.751 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

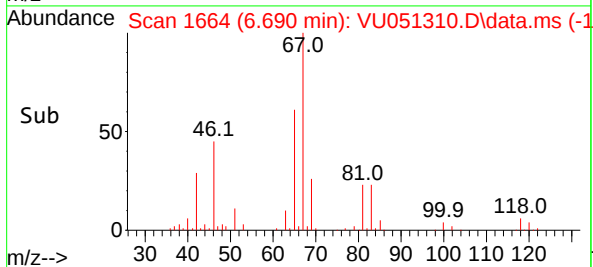
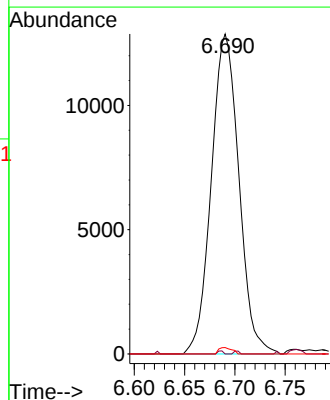
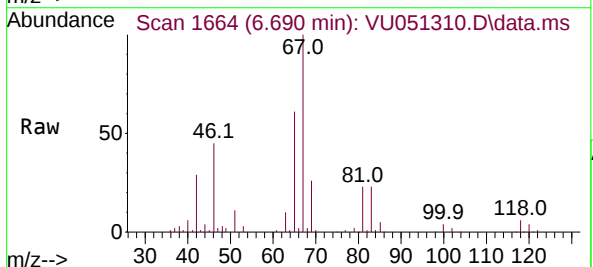
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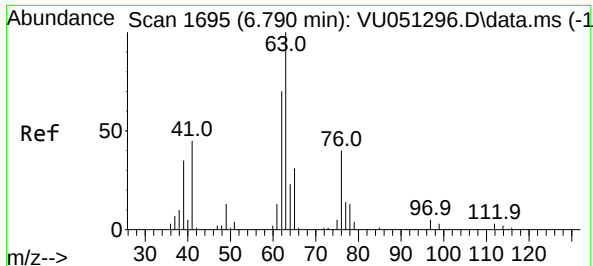
Tgt Ion: 78 Resp: 64546



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion: 83 Resp: 24542
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 1.0 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051310.D

Acq: 09 Oct 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

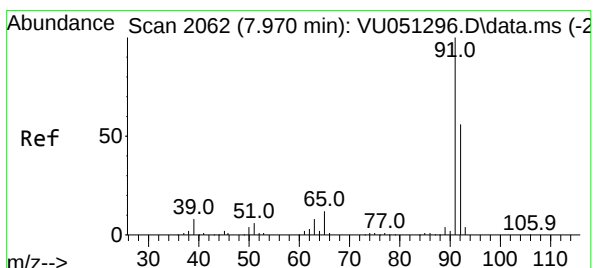
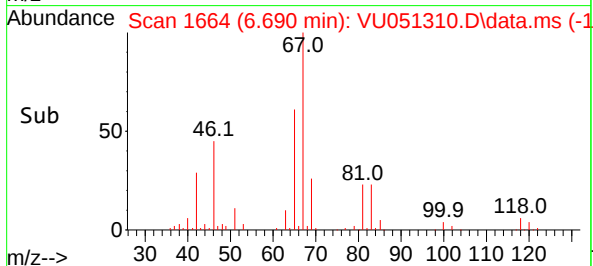
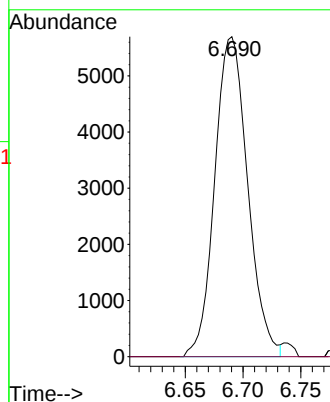
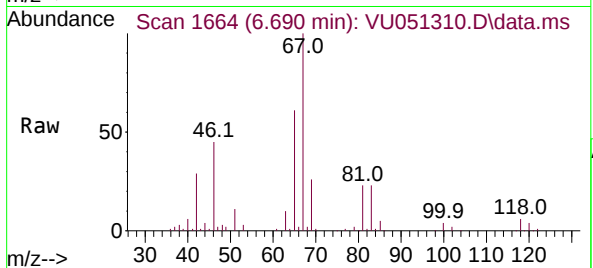
BHA47

Tgt Ion: 63 Resp: 11308

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#42

Toluene

Concen: 1.362 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051310.D

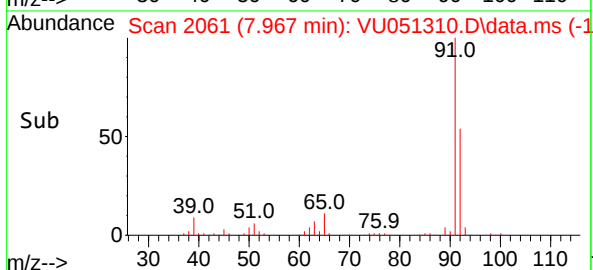
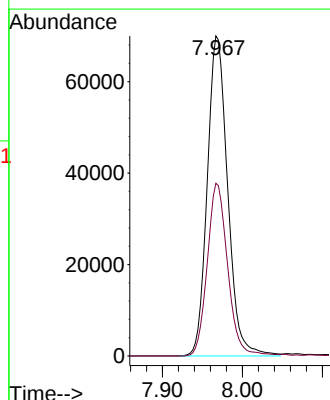
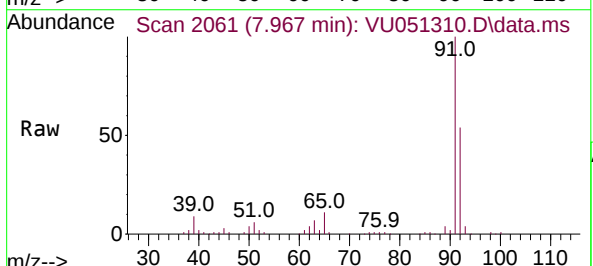
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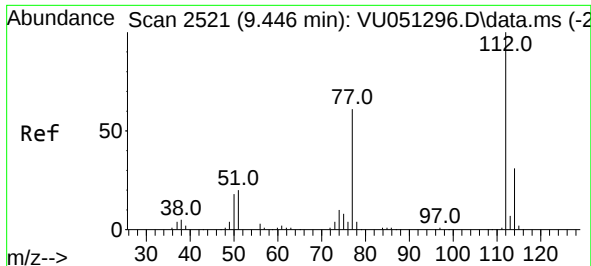
Tgt Ion: 91 Resp: 124311

Ion Ratio Lower Upper

91 100

92 53.9 39.9 74.1

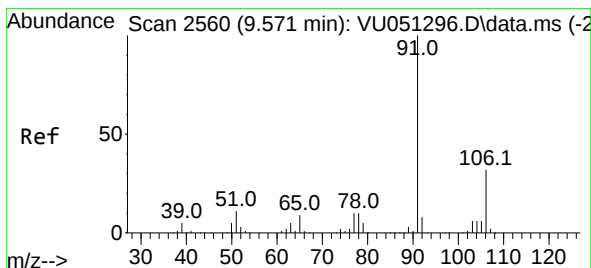
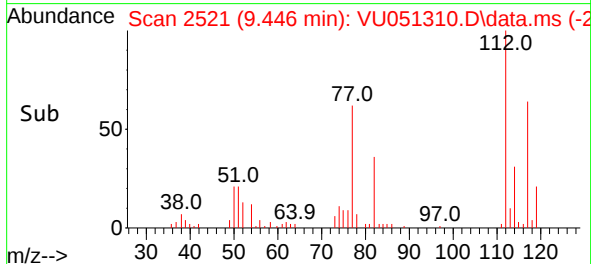
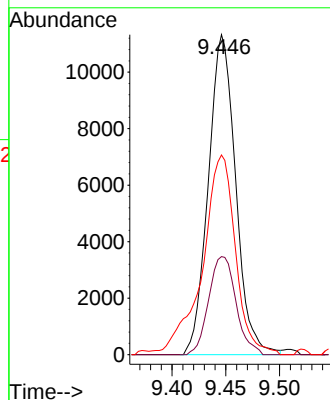
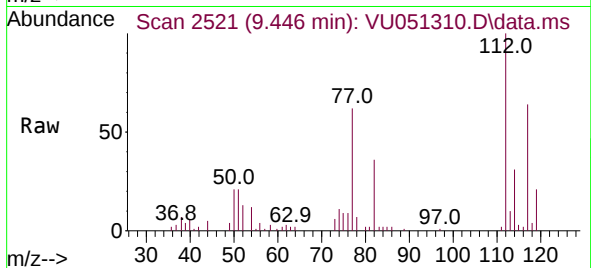




#51
Chlorobenzene
Concen: 0.368 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

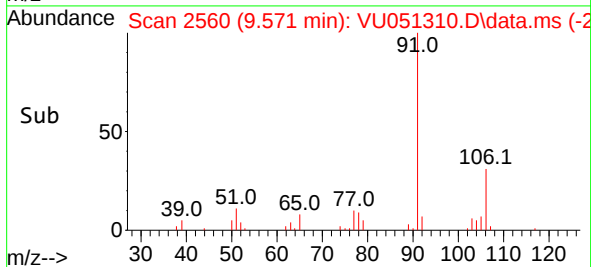
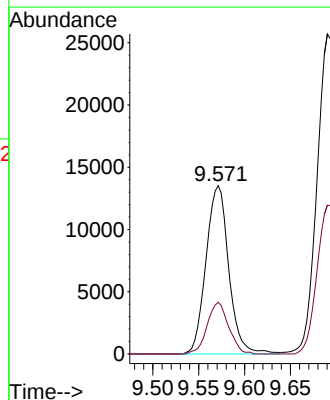
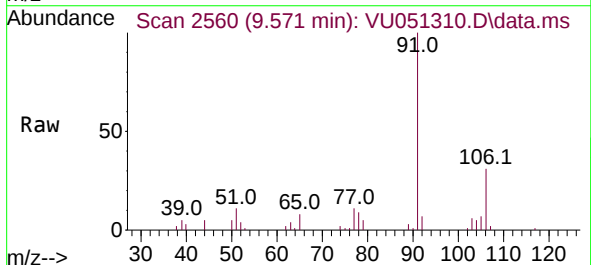
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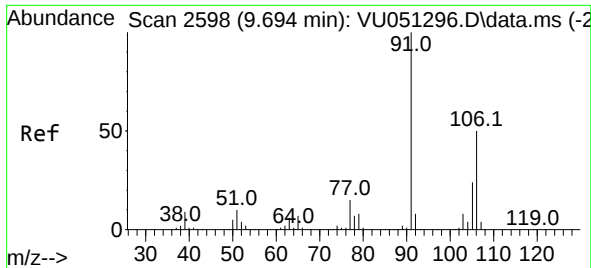
Tgt Ion:112 Resp: 20048
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 62.4 48.1 72.1



#52
Ethylbenzene
Concen: 0.285 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion: 91 Resp: 23367
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7

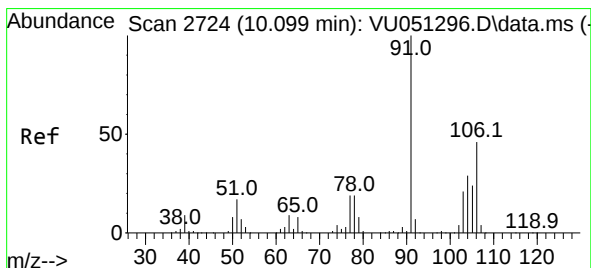
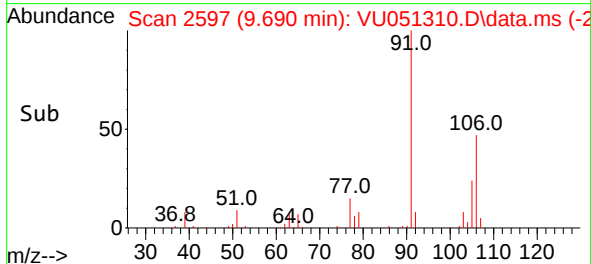
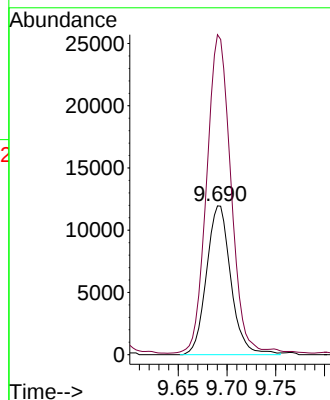
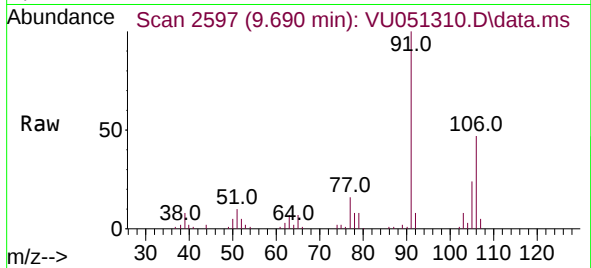




#53
m,p-Xylene
Concen: 0.653 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

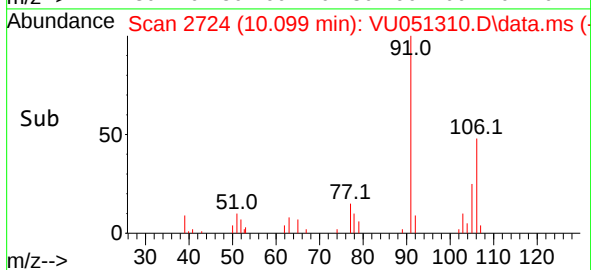
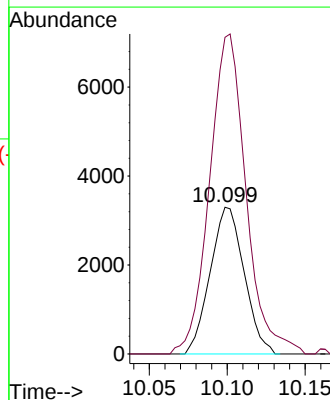
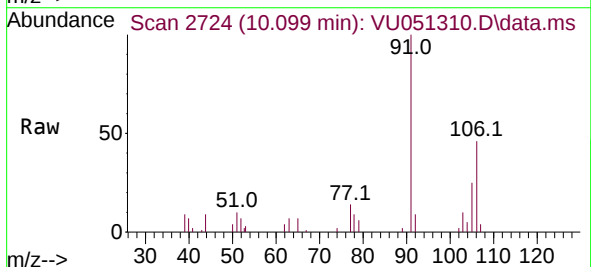
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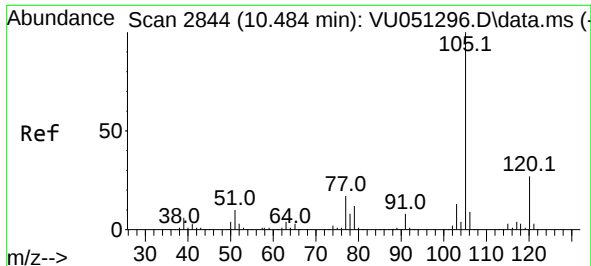
Tgt Ion:106 Resp: 20758
Ion Ratio Lower Upper
106 100
91 215.0 143.9 267.3



#54
o-Xylene
Concen: 0.166 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion:106 Resp: 4998
Ion Ratio Lower Upper
106 100
91 215.8 154.4 286.8

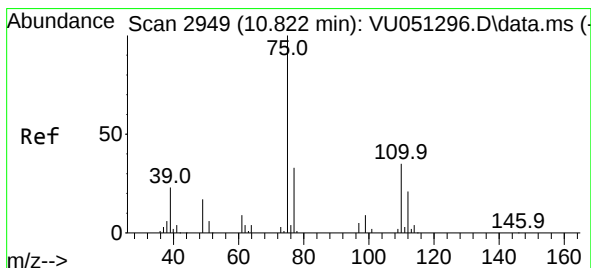
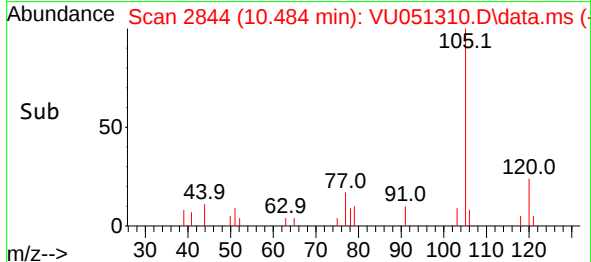
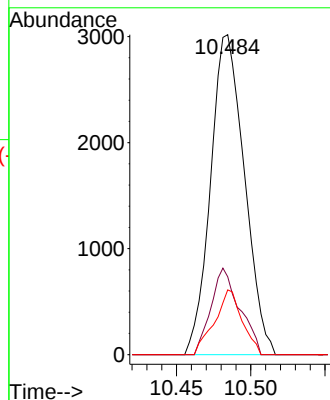
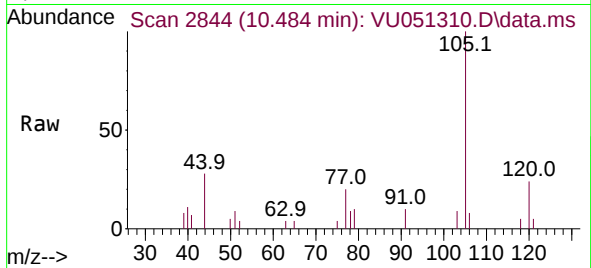




#60
Isopropylbenzene
Concen: 0.067 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

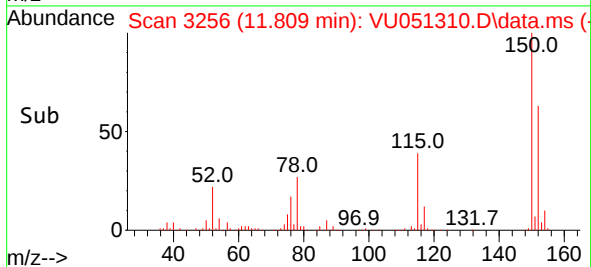
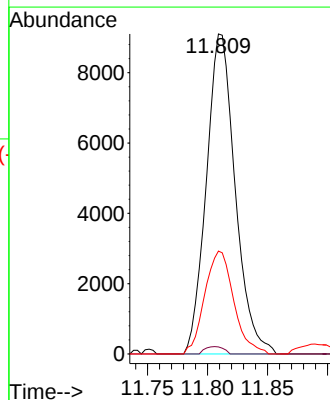
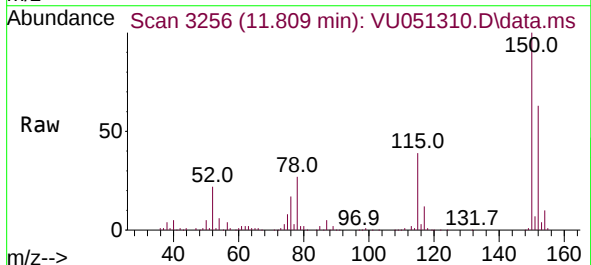
Instrument :
MSVOA_U
ClientSampleId :
BHA47

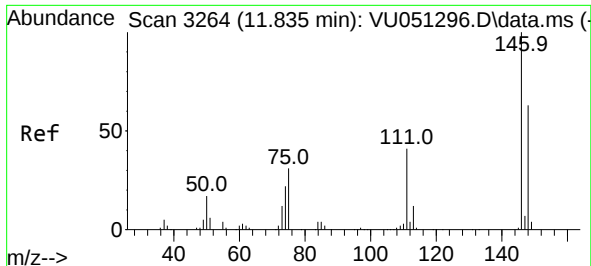
Tgt Ion:	105	Resp:	4778
Ion	Ratio	Lower	Upper
105	100		
120	23.0	20.6	30.8
77	16.5	13.5	20.3



#61
1,2,3-Trichloropropane
Concen: 1.078 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion:	75	Resp:	15218
Ion	Ratio	Lower	Upper
75	100		
110	1.5	27.0	40.6#
77	32.3	26.4	39.6

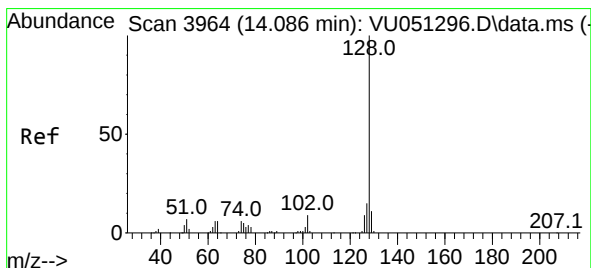
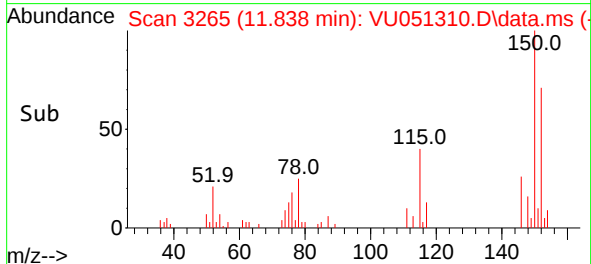
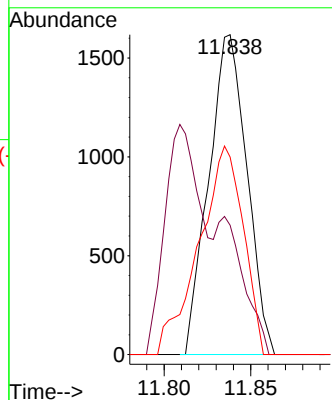
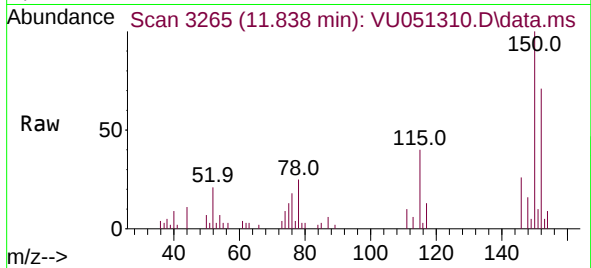




#65
1,4-Dichlorobenzene
Concen: 0.072 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Instrument :
MSVOA_U
ClientSampleId :
BHA47

Tgt Ion:146 Resp: 2482
Ion Ratio Lower Upper
146 100
111 40.4 29.1 54.1
148 61.7 44.2 82.0



#71
Naphthalene
Concen: 1.111 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051310.D
Acq: 09 Oct 2022 19:20

Tgt Ion:128 Resp: 35423
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 13.4 11.1 16.7

