

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051644.D
 Acq On : 01 Nov 2022 05:22
 Operator : JC/MD
 Sample : N5319-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 01 06:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	227437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65600	3.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.909	69	76960	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.565	65	23700	3.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.626	46	320748	51.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.060	84	167775	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.703	65	95155	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.729	84	319695	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	113393	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	240870	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.179	79	27019	3.481	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.632	63	231382	49.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	112755	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	107201	4.623	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.600	62	212527	7.076	ug/L #	54
8) Chloroethane	1.932	64	304931	16.719	ug/L	97
13) Acetone	2.633	43	174244	55.358	ug/L	98
15) Methyl Acetate	2.964	43	6300	0.765	ug/L #	78
16) Methylene chloride	3.044	84	9119	0.282	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	6114	0.288	ug/L	99
19) 1,1-Dichloroethane	3.867	63	46057	1.177	ug/L	98
21) 2-Butanone	4.710	43	79212	16.070	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	500733	21.326	ug/L	99
30) Cyclohexane	5.385	56	74341	2.585	ug/L	98
33) Benzene	5.758	78	28523063m	314.219	ug/L	
35) Methylcyclohexane	6.761	83	101620	3.355	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	124400	10.623	ug/L	97
42) Toluene	7.957	91	27760036m	297.773	ug/L	
51) Chlorobenzene	9.446	112	6226982	106.128	ug/L	98
52) Ethylbenzene	9.568	91	9310022	103.501	ug/L	100
53) m,p-Xylene	9.693	106	14383705	411.686	ug/L #	34
54) o-Xylene	10.099	106	4647596	136.111	ug/L	100
60) Isopropylbenzene	10.481	105	563558	6.110	ug/L #	86

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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.086	105	974742	39.253	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	4234000	59.132	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	35899	0.782	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	264756	5.750	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	224349	5.016	ug/L	99

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 Dadoda

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

11/03/2022

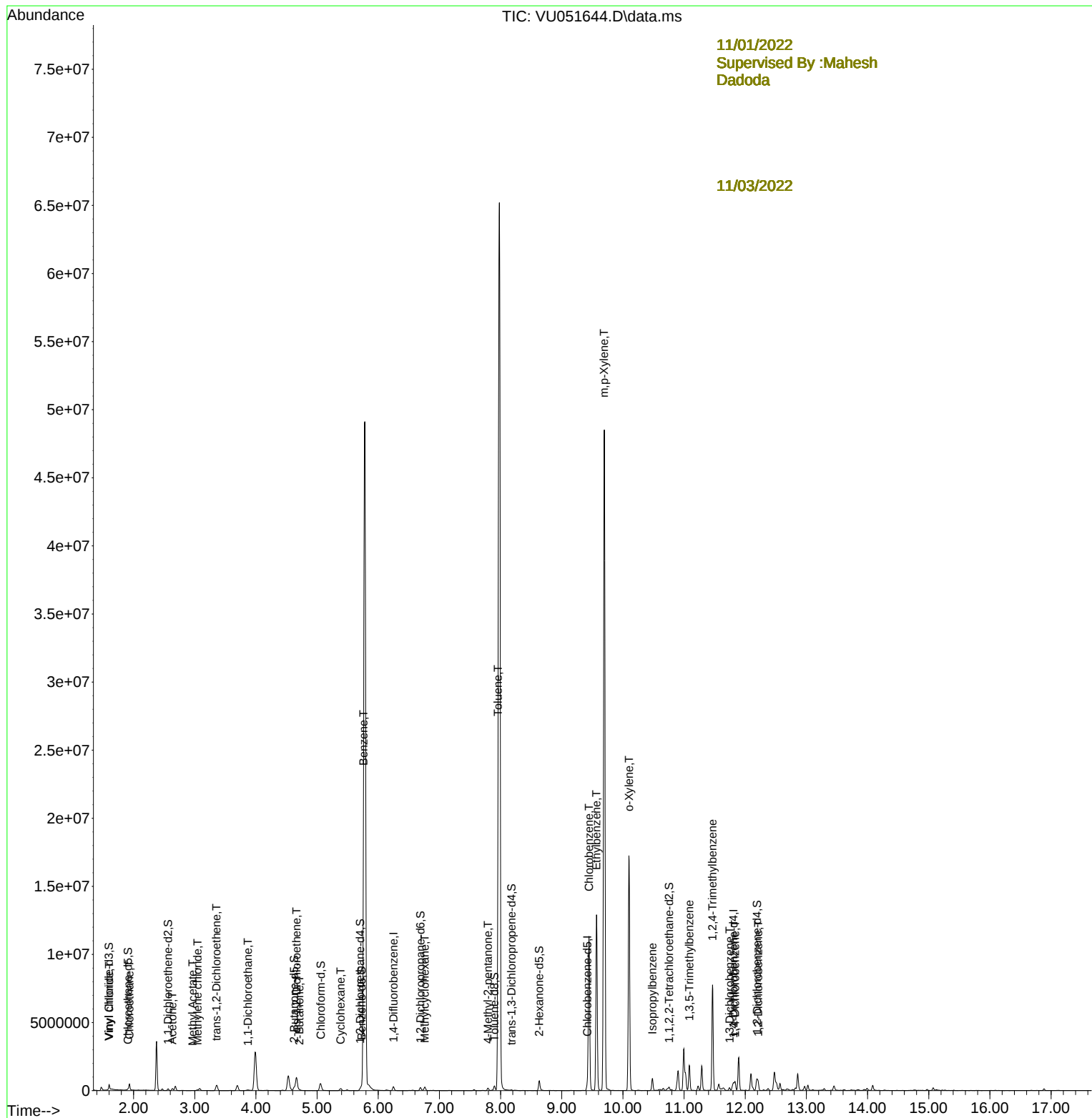
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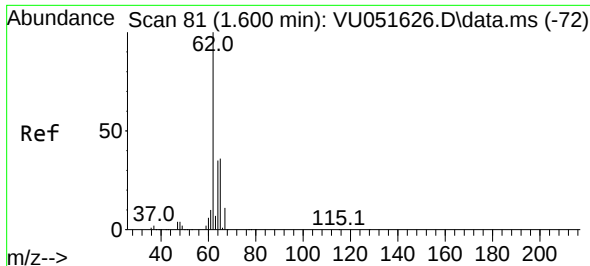
Instrument :
MSVOA_U
ClientSampleId :
BHAA1

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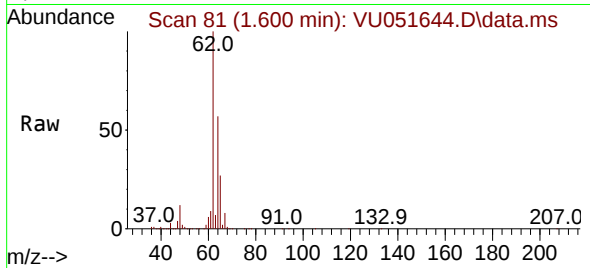
Quant Time: Nov 01 06:02:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
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#5
 Vinyl chloride
 Concen: 7.076 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051644.D
 Acq: 01 Nov 2022 05:22

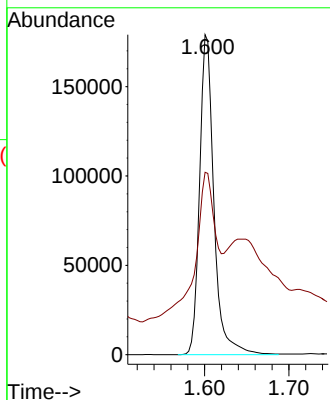
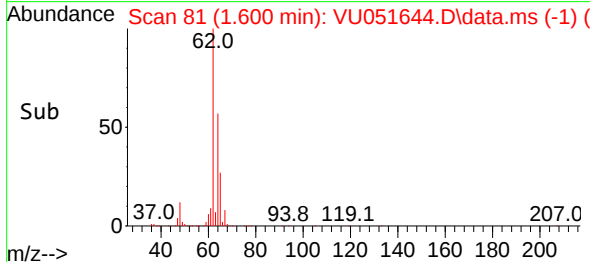
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1



Tgt Ion: 62 Resp: 21252
 Ion Ratio Lower Upper
 62 100
 64 57.0 22.1 41.1

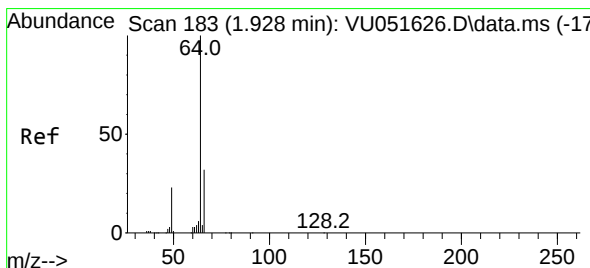
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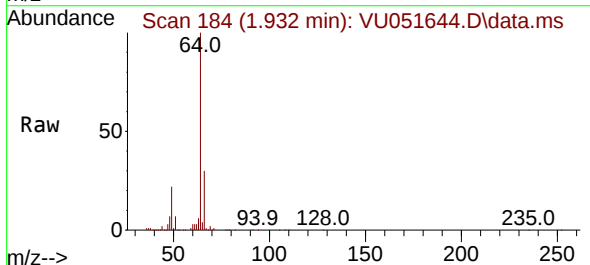


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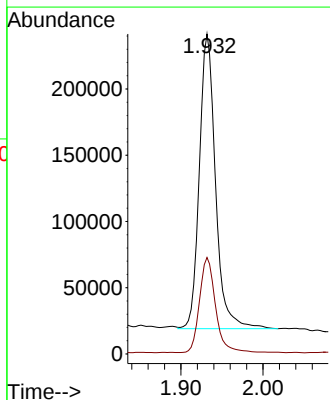
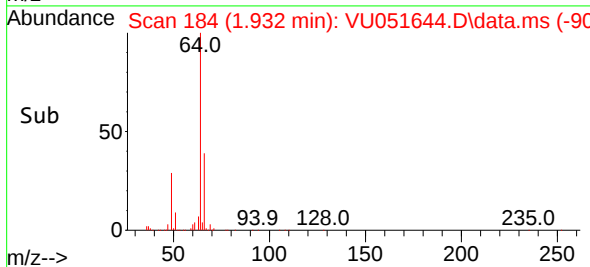
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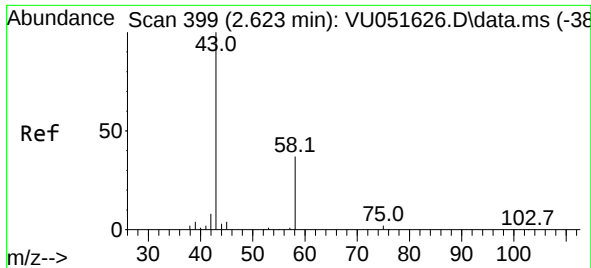


#8
 Chloroethane
 Concen: 16.719 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. 0.003 min
 Lab File: VU051644.D
 Acq: 01 Nov 2022 05:22



Tgt Ion: 64 Resp: 304931
 Ion Ratio Lower Upper
 64 100
 66 30.2 22.3 41.5





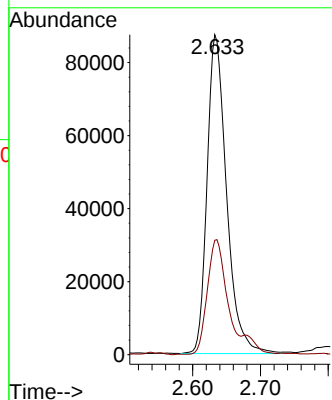
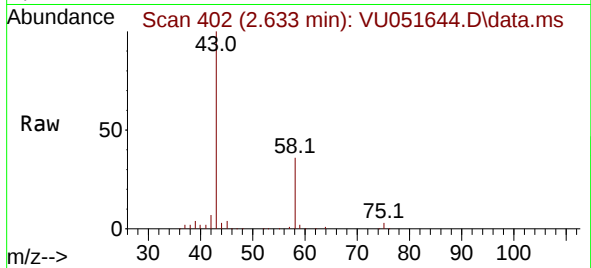
#13
Acetone
Concen: 55.358 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.010 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
BHAA1

Tgt Ion: 43 Resp: 174244
Ion Ratio Lower Upper
43 100
58 35.9 0.0 73.8

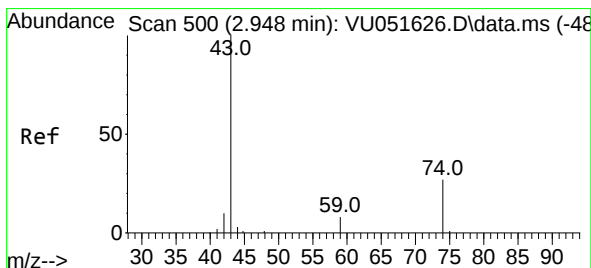
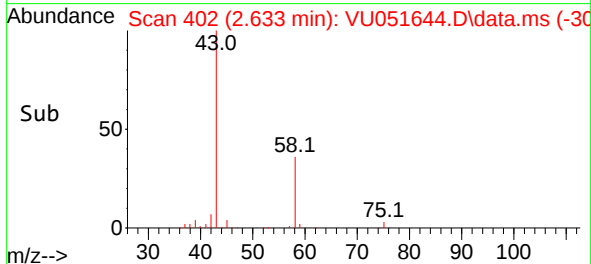
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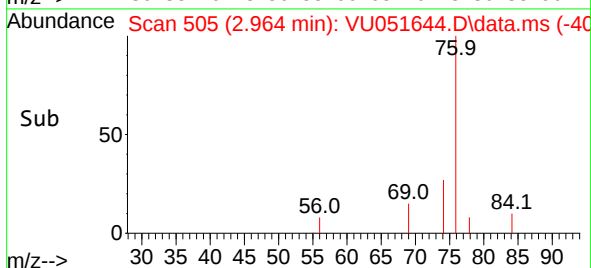
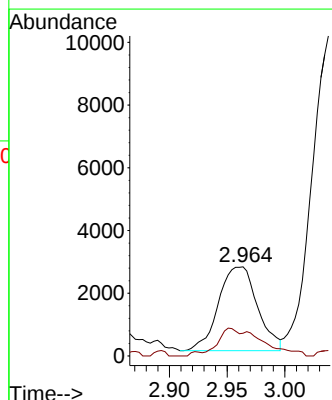
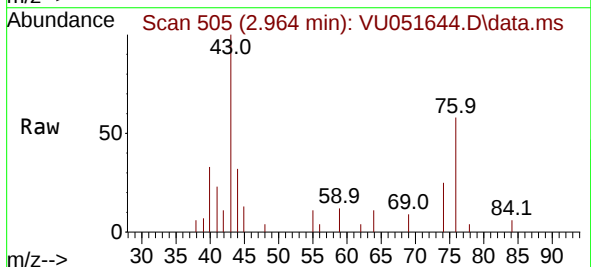
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Supervised By :Mahesh
Dadoda

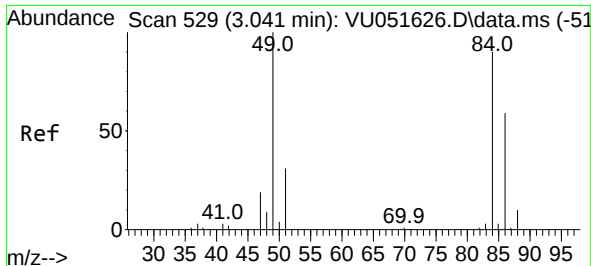
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#15
Methyl Acetate
Concen: 0.765 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Tgt Ion: 43 Resp: 6300
Ion Ratio Lower Upper
43 100
74 14.0 20.2 30.4#





#16

Methylene chloride

Concen: 0.282 ug/L

RT: 3.044 min Scan# 511

Delta R.T. 0.003 min

Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Instrument :

MSVOA_U

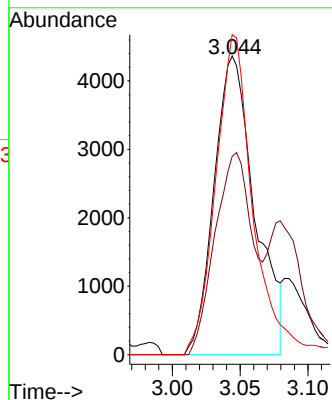
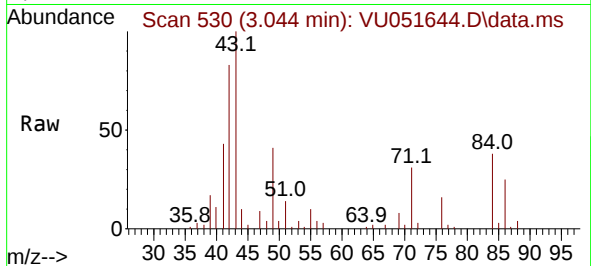
ClientSampleId :

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Tgt Ion: 84	Resp: 911
Ion Ratio	Lower Upper
84 100	
86 66.4	46.3 85.9
49 107.1	76.0 141.2

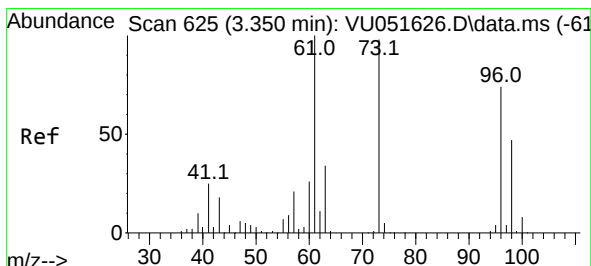
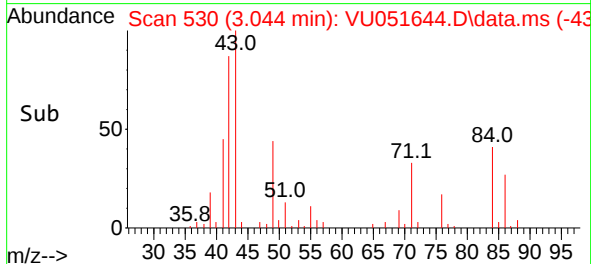
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#18

trans-1,2-Dichloroethene

Concen: 0.288 ug/L

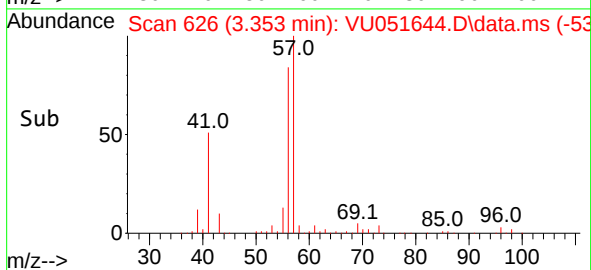
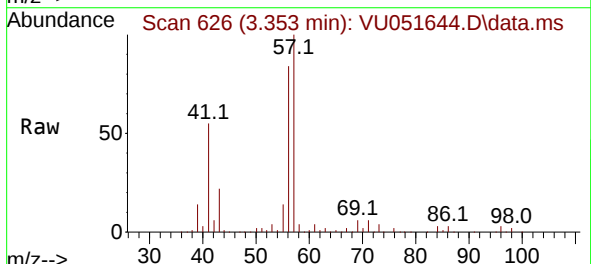
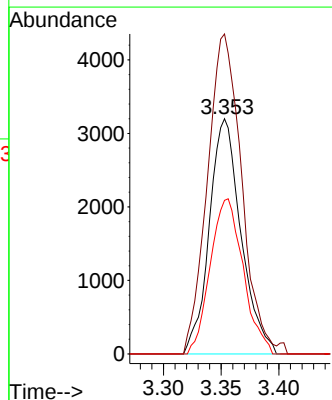
RT: 3.353 min Scan# 626

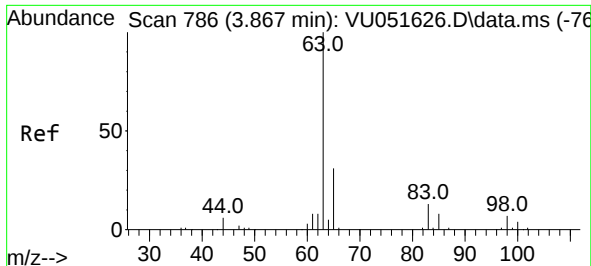
Delta R.T. 0.003 min

Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Tgt Ion: 96	Resp: 6114
Ion Ratio	Lower Upper
96 100	
61 136.0	94.7 175.9
98 65.3	44.2 82.0





#19

1,1-Dichloroethane

Concen: 1.177 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Instrument :

MSVOA_U

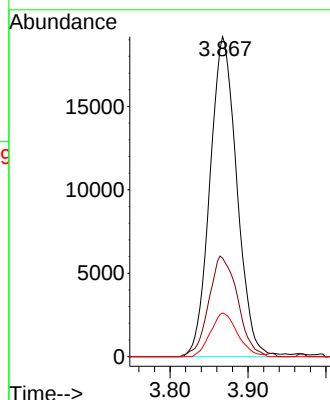
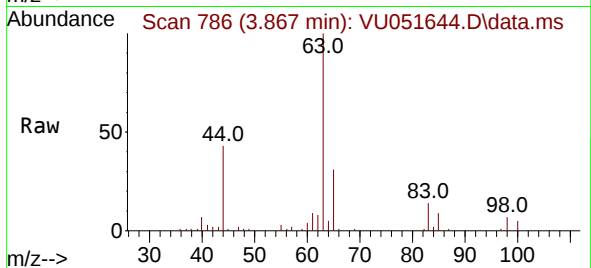
ClientSampleId :

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Tgt Ion: 63	Resp: 4605
Ion Ratio	Lower Upper
63 100	
65 30.8	22.7 42.1
83 13.6	9.2 17.0

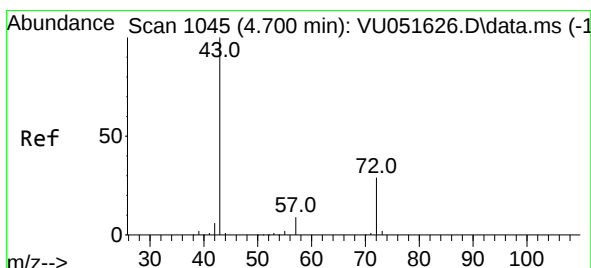
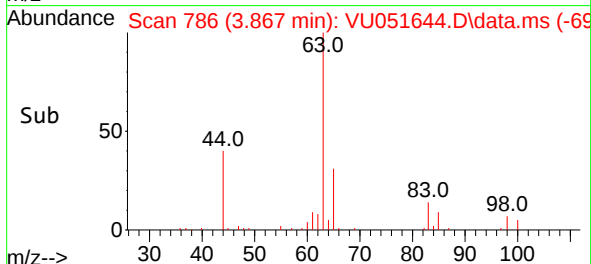
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#21

2-Butanone

Concen: 16.070 ug/L

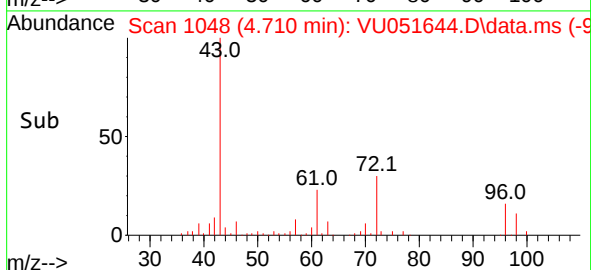
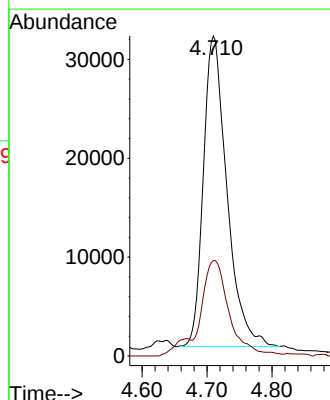
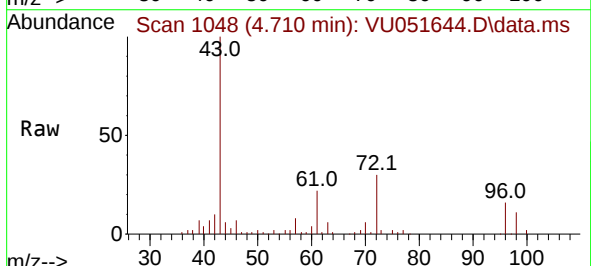
RT: 4.710 min Scan# 1048

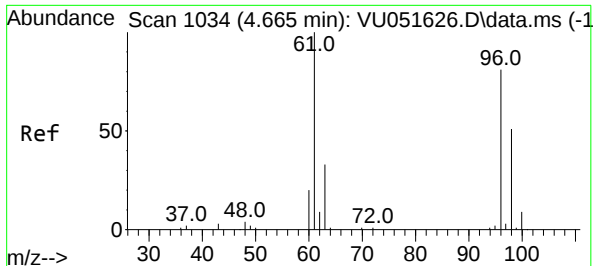
Delta R.T. 0.010 min

Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Tgt Ion: 43	Resp: 79212
Ion Ratio	Lower Upper
43 100	
72 34.4	16.2 48.5





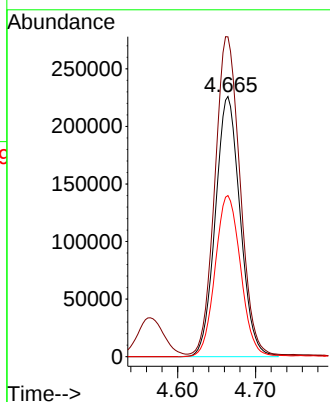
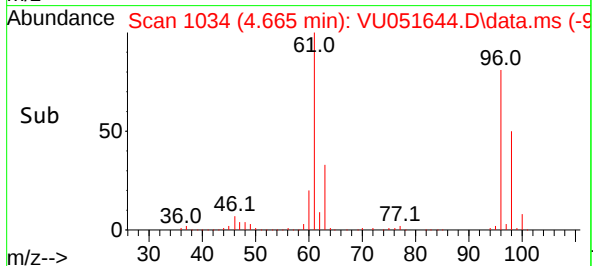
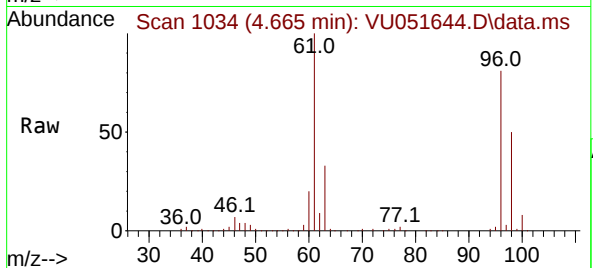
#22
 cis-1,2-Dichloroethene
 Concen: 21.326 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051644.D
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Tgt Ion: 96 Resp: 50073
 Ion Ratio Lower Upper
 96 100
 61 122.9 86.4 160.4
 98 61.9 44.2 82.2

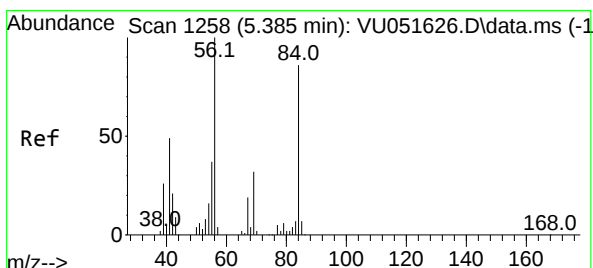
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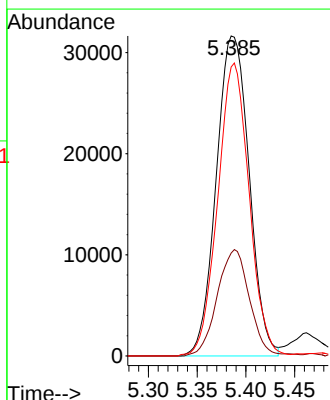
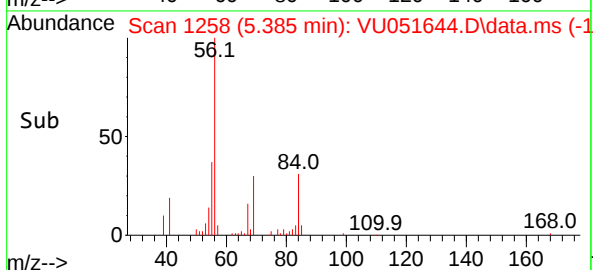
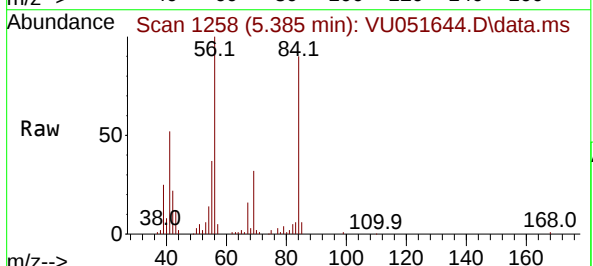
11/01/2022
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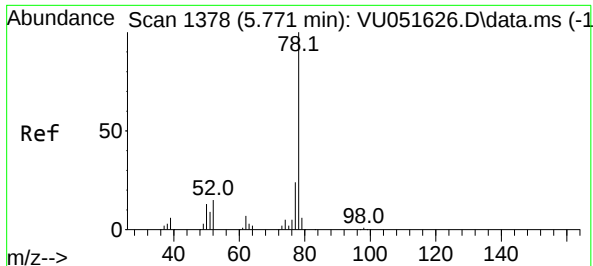
11/03/2022



#30
 Cyclohexane
 Concen: 2.585 ug/L
 RT: 5.385 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VU051644.D
 Acq: 01 Nov 2022 05:22

Tgt Ion: 56 Resp: 74341
 Ion Ratio Lower Upper
 56 100
 69 32.6 25.4 38.0
 84 87.3 71.4 107.0





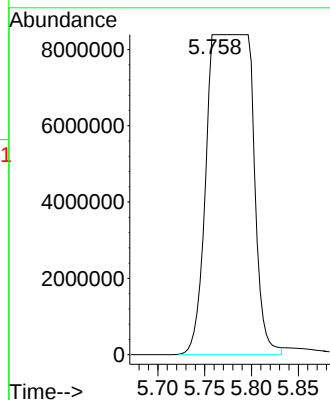
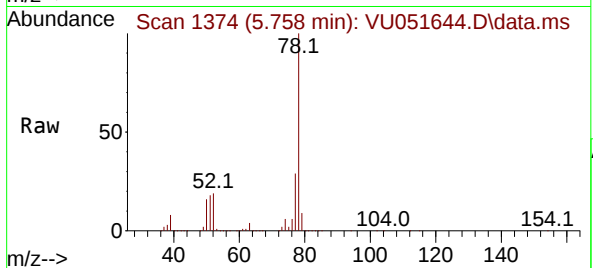
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Benzene
Concen: 314.219 ug/L m
RT: 5.758 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

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Tgt Ion: 78 Resp:2852306

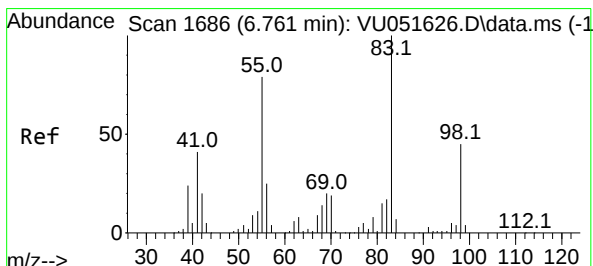
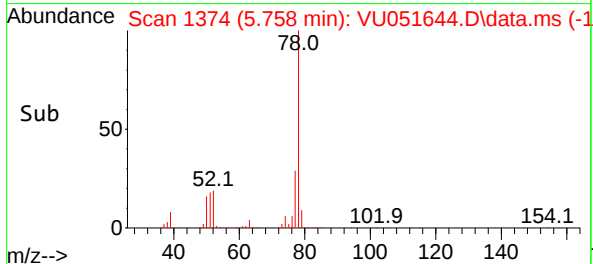
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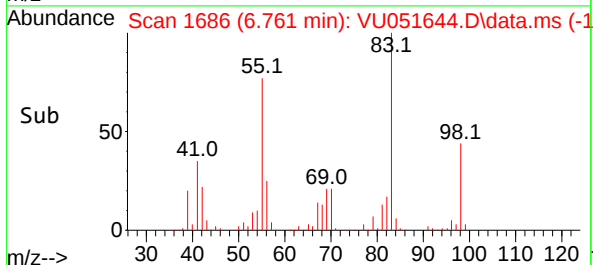
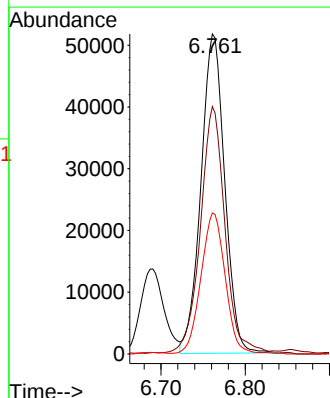
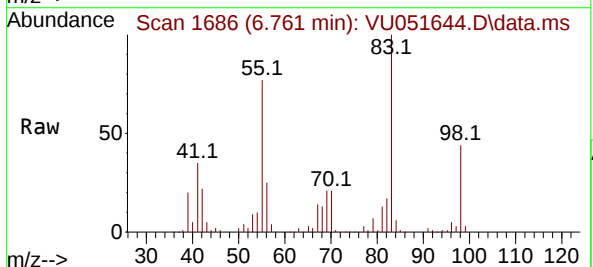
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Supervised By :Mahesh
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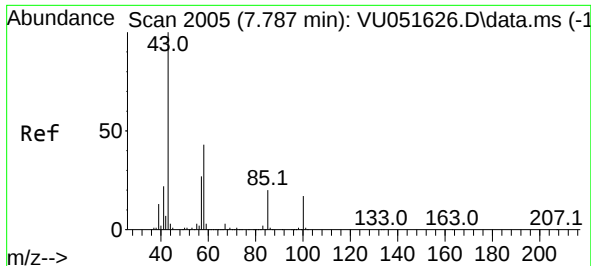
11/03/2022



#35
Methylcyclohexane
Concen: 3.355 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Tgt Ion: 83 Resp: 101620
Ion Ratio Lower Upper
83 100
55 78.8 60.6 90.8
98 44.4 35.8 53.6





#40

4-Methyl-2-pentanone

Concen: 10.623 ug/L

RT: 7.793 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

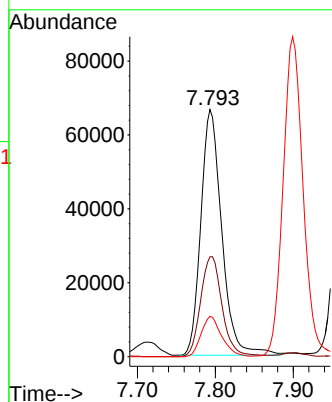
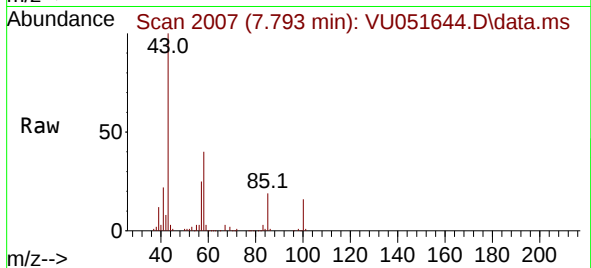
BHAA1

Tgt Ion: 43 Resp: 124400

Ion	Ratio	Lower	Upper
43	100		
58	41.9	35.0	52.6
100	16.1	13.4	20.0

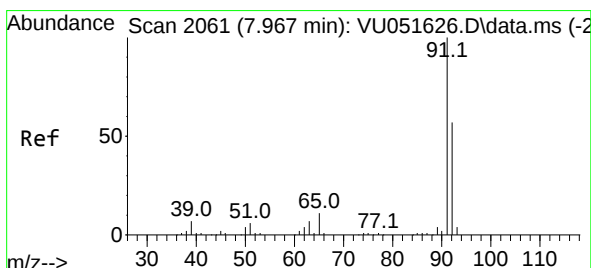
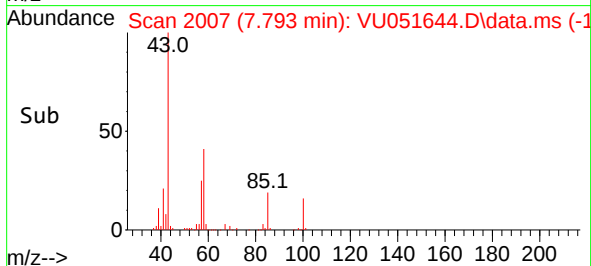
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#42

Toluene

Concen: 297.773 ug/L m

RT: 7.957 min Scan# 2058

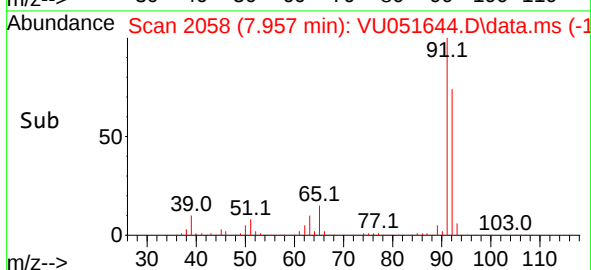
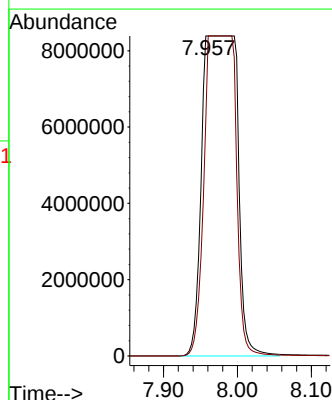
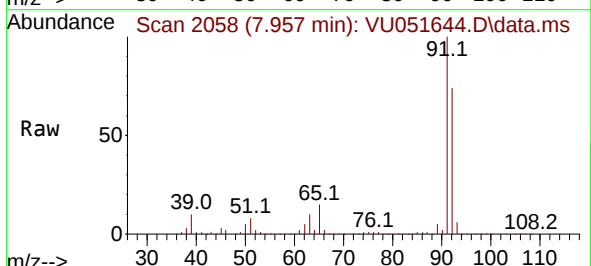
Delta R.T. -0.010 min

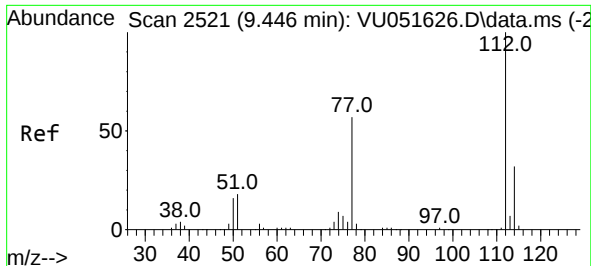
Lab File: VU051644.D

Acq: 01 Nov 2022 05:22

Tgt Ion: 91 Resp:27760036

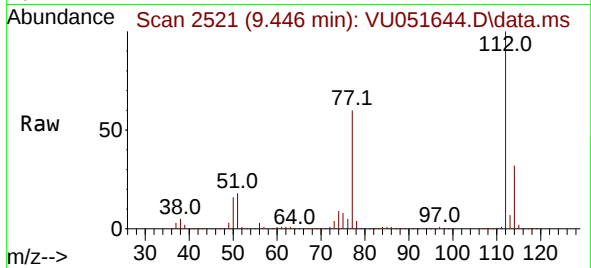
Ion	Ratio	Lower	Upper
91	100		
92	73.5	40.5	75.3





#51
Chlorobenzene
Concen: 106.128 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

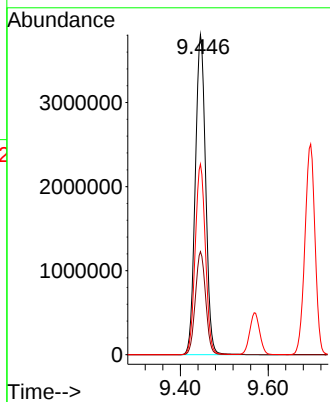
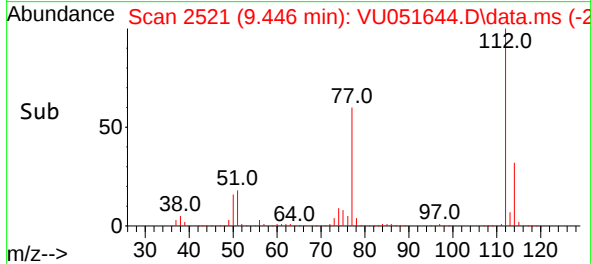
Instrument :
MSVOA_U
ClientSampleId :
BHAA1



Tgt Ion:112 Resp: 622698
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 59.6 46.7 70.1

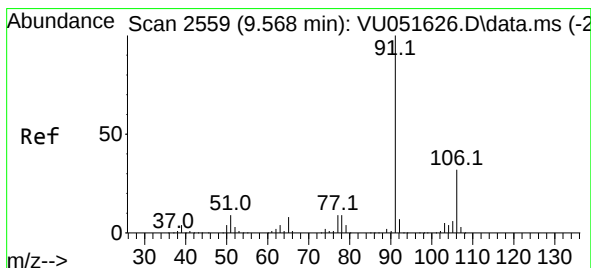
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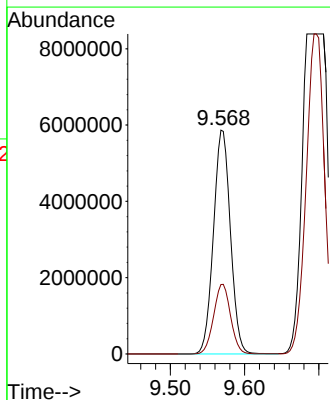
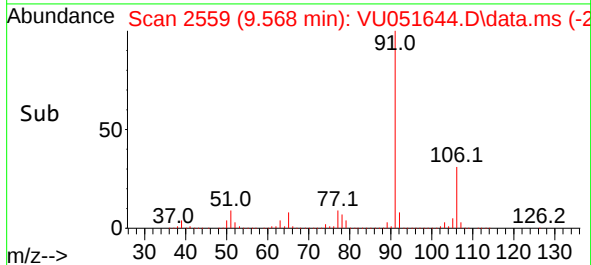
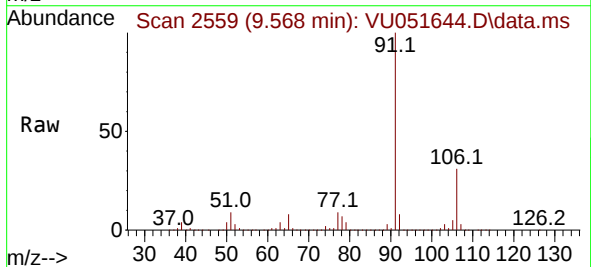
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Supervised By :Mahesh
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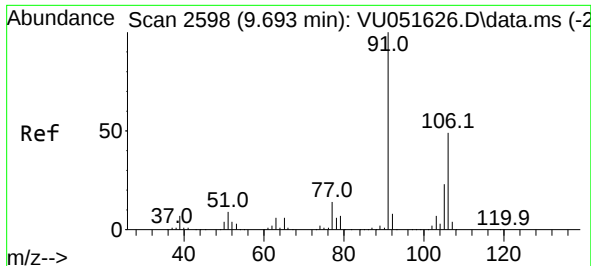
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#52
Ethylbenzene
Concen: 103.501 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Tgt Ion: 91 Resp: 9310022
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6





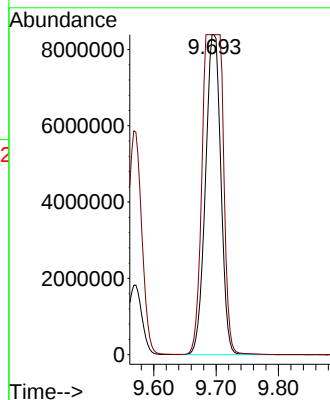
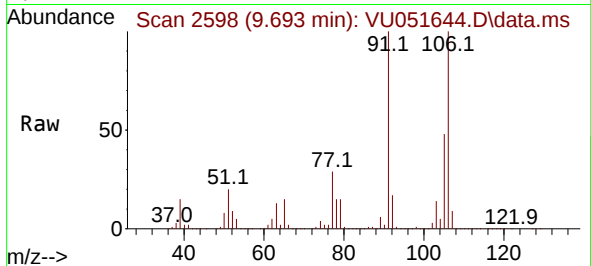
#53
m,p-Xylene
Concen: 411.686 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
BHAA1

Tgt Ion:106 Resp:1438370
Ion Ratio Lower Upper
106 100
91 100.0 139.4 259.0

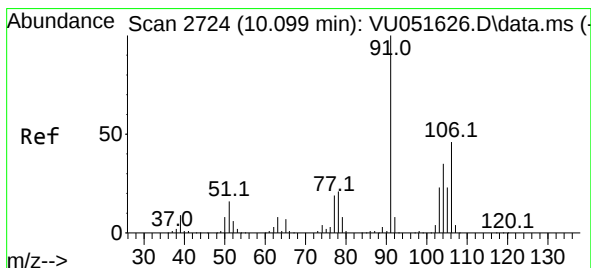
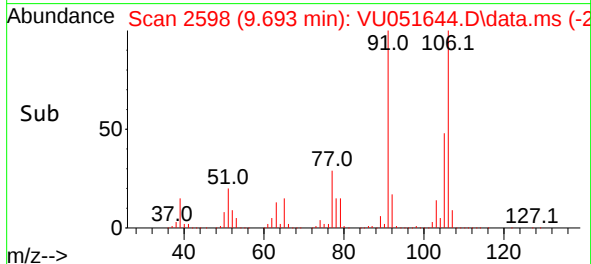
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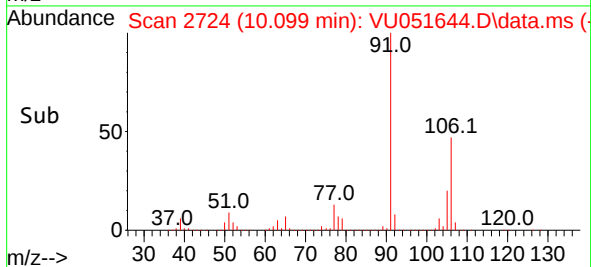
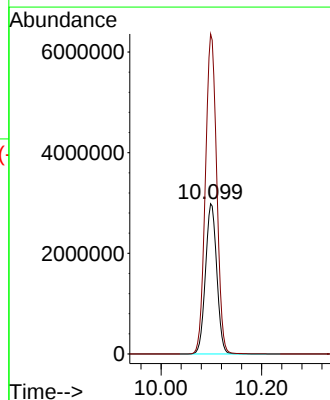
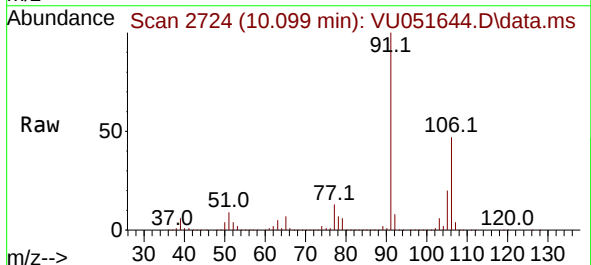
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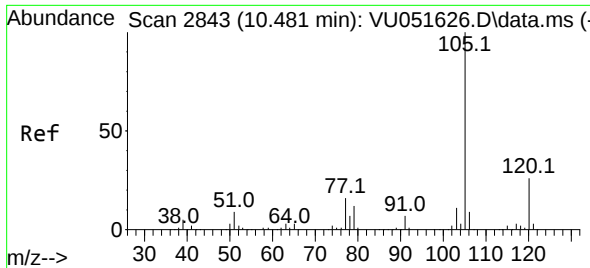
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#54
o-Xylene
Concen: 136.111 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Tgt Ion:106 Resp: 4647596
Ion Ratio Lower Upper
106 100
91 213.0 149.2 277.2





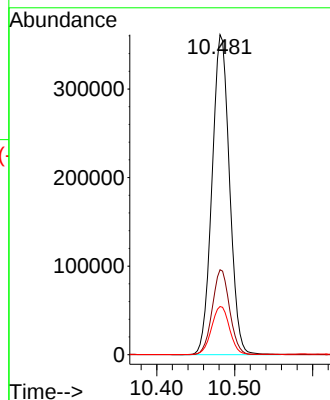
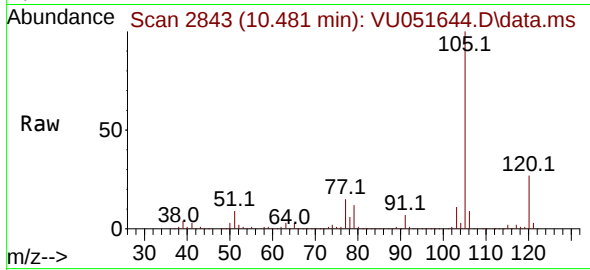
#60
Isopropylbenzene
Concen: 6.110 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

Instrument : MSVOA_U
ClientSampleId : BHAA1

Tgt Ion:105 Resp: 56355
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 0.0 12.3 18.5

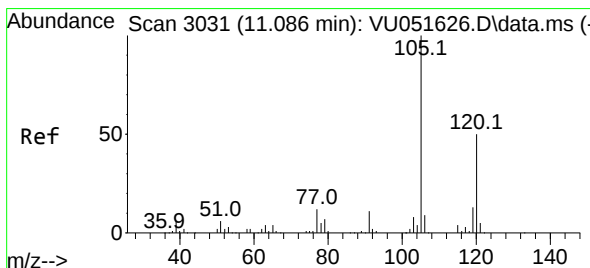
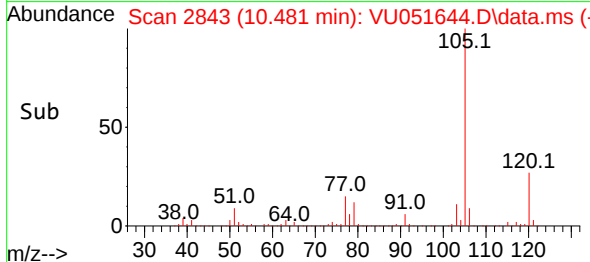
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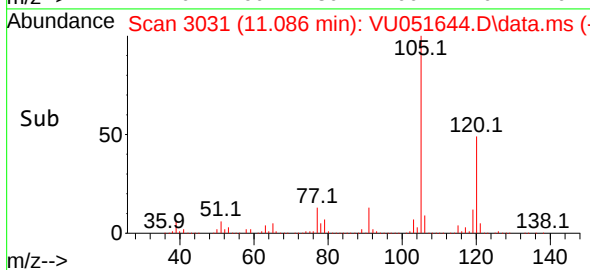
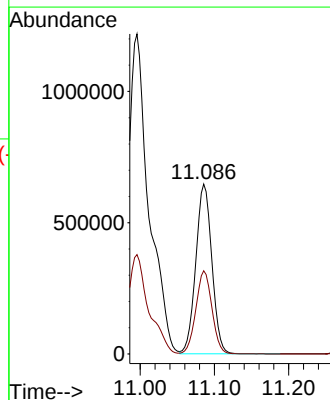
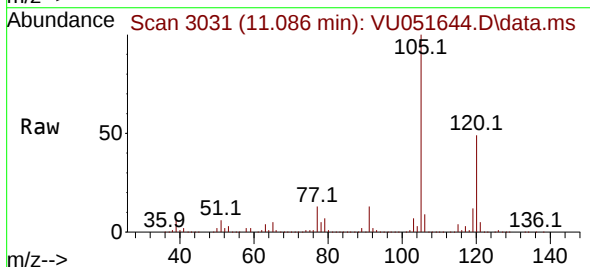
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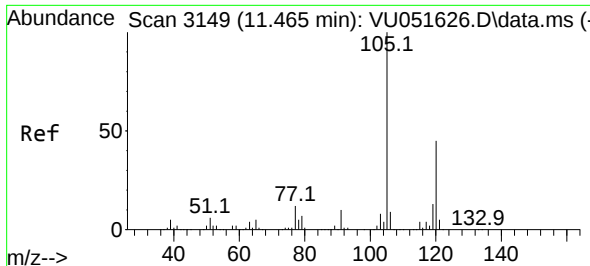
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#62
1,3,5-Trimethylbenzene
Concen: 39.253 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

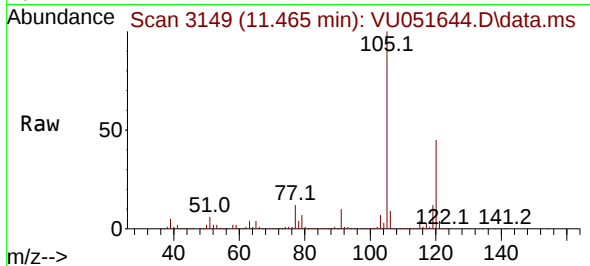
Tgt Ion:105 Resp: 974742
Ion Ratio Lower Upper
105 100
120 48.8 38.6 57.8





#63
1,2,4-Trimethylbenzene
Concen: 59.132 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

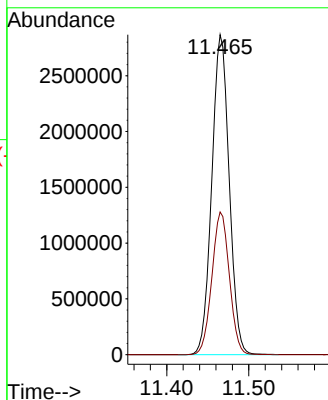
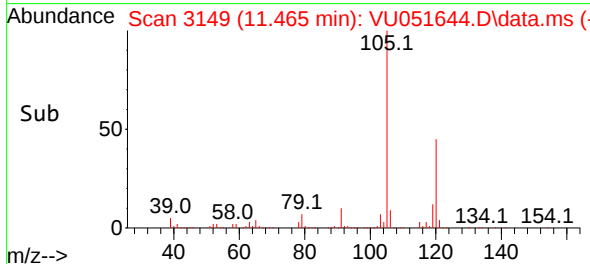
Instrument : MSVOA_U
ClientSampleId : BHAA1



Tgt Ion:105 Resp: 4234000
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.6

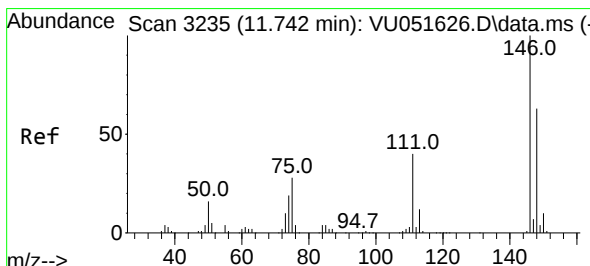
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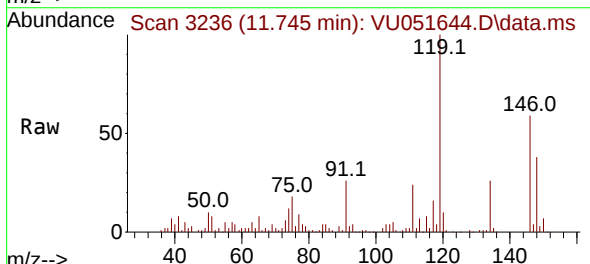


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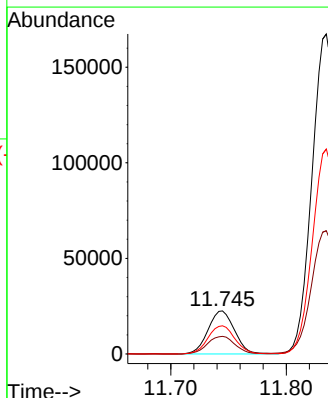
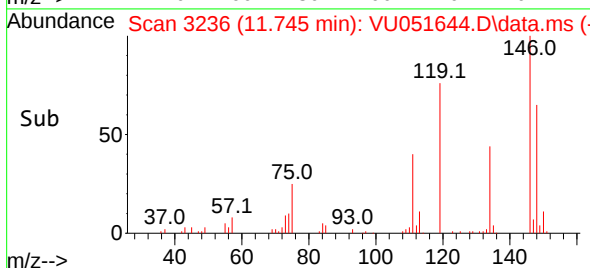
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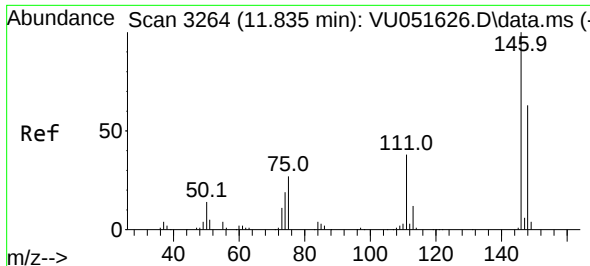


#64
1,3-Dichlorobenzene
Concen: 0.782 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22



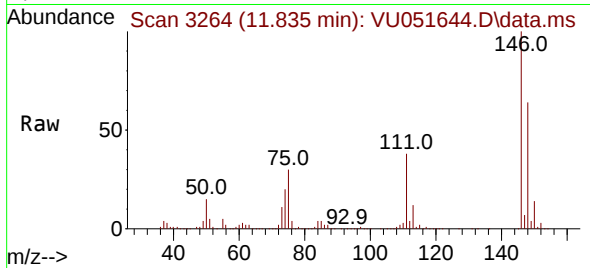
Tgt Ion:146 Resp: 35899
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.2
148 65.3 44.7 82.9





#65
1,4-Dichlorobenzene
Concen: 5.750 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22

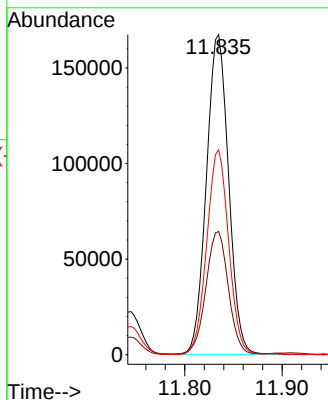
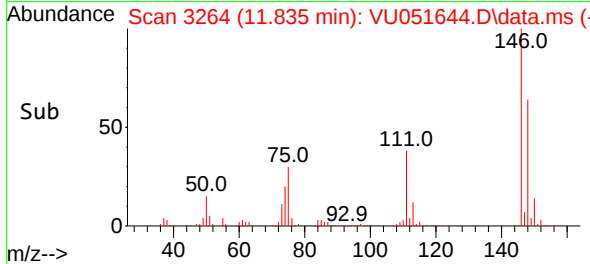
Instrument :
MSVOA_U
ClientSampleId :
BHAA1



Tgt Ion:146 Resp: 264750
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.5
148 64.1 43.5 80.9

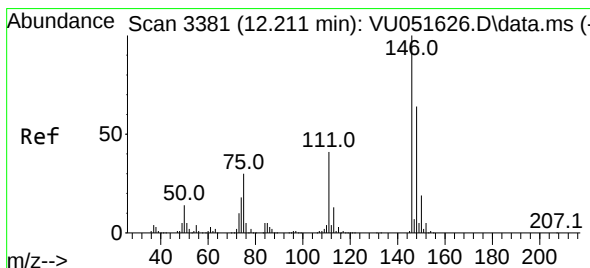
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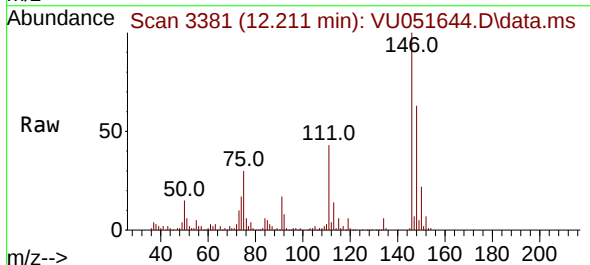


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#67
1,2-Dichlorobenzene
Concen: 5.016 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051644.D
Acq: 01 Nov 2022 05:22



Tgt Ion:146 Resp: 224349
Ion Ratio Lower Upper
146 100
111 42.5 34.2 51.2
148 63.2 50.1 75.1

