

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052874.D
 Acq On : 31 Jan 2023 12:59
 Operator : JC/MD
 Sample : 01316-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G8

Quant Time: Feb 01 00:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

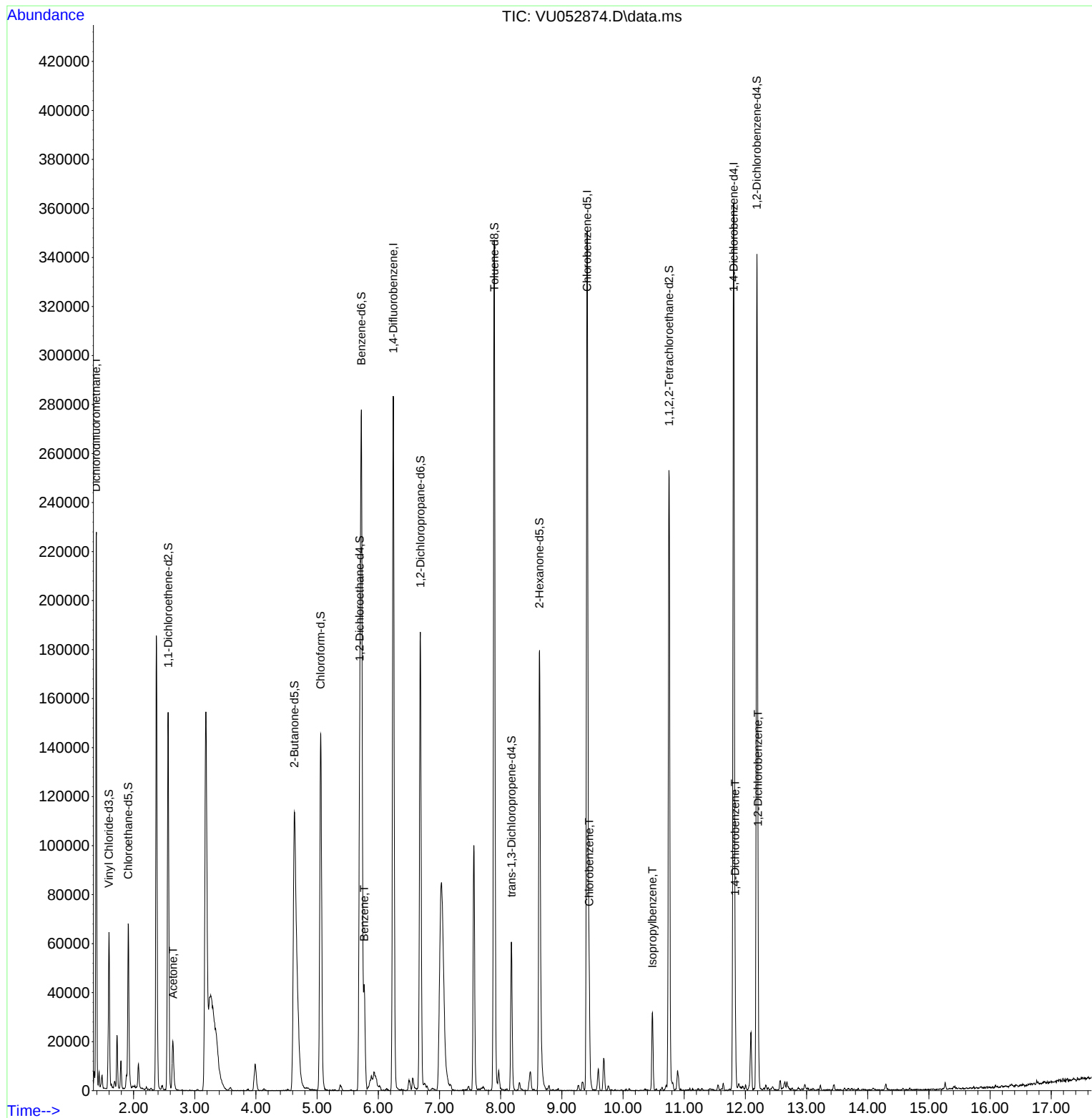
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233504	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104958	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46326	27.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.120%#
7) Chloroethane-d5	1.913	69	52807	38.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.260%
11) 1,1-Dichloroethene-d2	2.565	63	92184	27.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.160%#
21) 2-Butanone-d5	4.629	46	84467	81.357	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.360%
24) Chloroform-d	5.057	84	130736	36.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.900%
26) 1,2-Dichloroethane-d4	5.697	65	94893	41.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.860%
32) Benzene-d6	5.723	84	262370	41.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.320%
36) 1,2-Dichloropropane-d6	6.687	67	83268	44.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	7.896	98	231690	39.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.840%#
43) trans-1,3-Dichloroprop...	8.176	79	35369	37.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.500%
47) 2-Hexanone-d5	8.633	63	59551	90.665	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.670%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	118099	42.760	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.520%
66) 1,2-Dichlorobenzene-d4	12.189	152	93556	45.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	4149	1.898	ug/L	98
13) Acetone	2.646	43	3412	2.691	ug/L	65
33) Benzene	5.771	78	39030	5.496	ug/L	100
51) Chlorobenzene	9.446	112	26785	5.349	ug/L	99
61) Isopropylbenzene	10.481	105	19948	2.943	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	12835	3.625	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	6325	1.828	ug/L	94

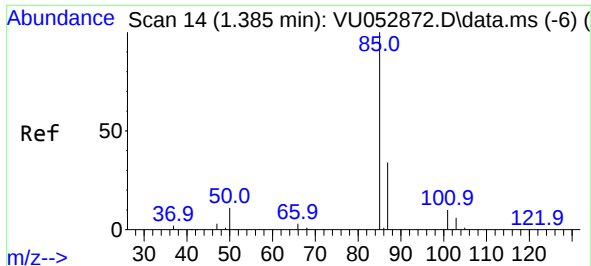
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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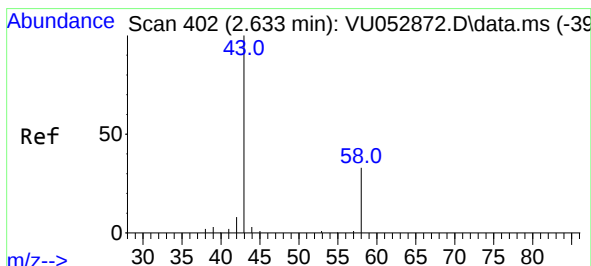
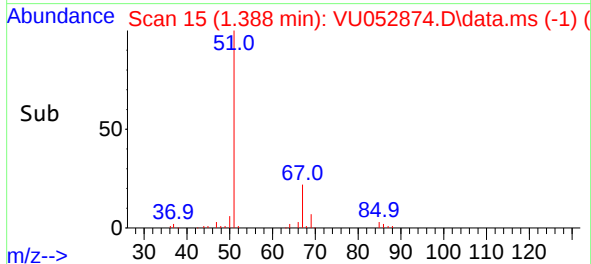
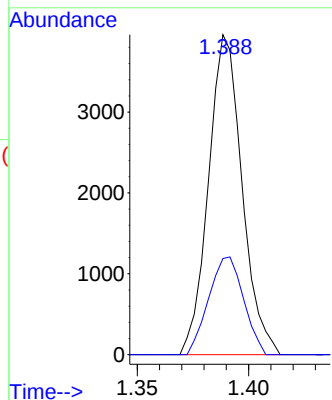
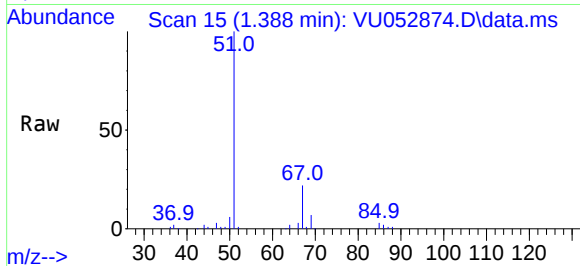




#2
Dichlorodifluoromethane
Concen: 1.898 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

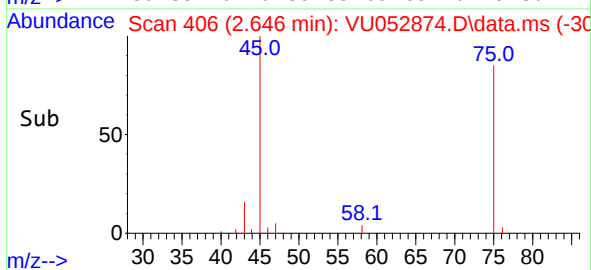
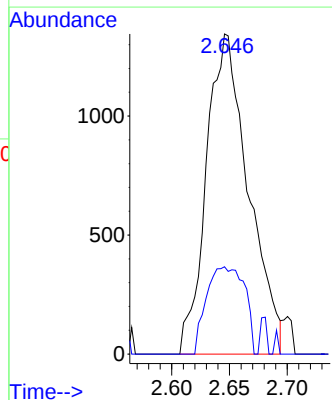
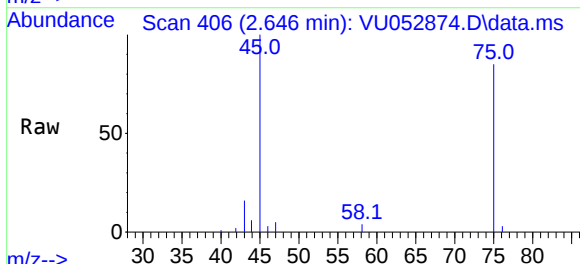
Instrument :
MSVOA_U
ClientSampleId :
A44G8

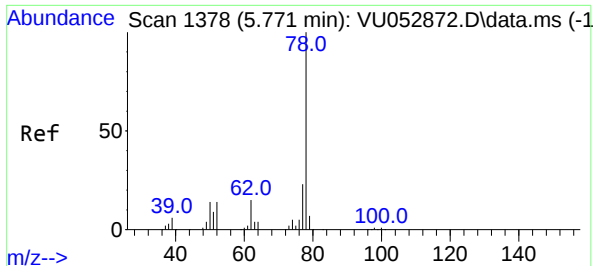
Tgt Ion: 85 Resp: 4149
Ion Ratio Lower Upper
85 100
87 31.6 26.4 39.6



#13
Acetone
Concen: 2.691 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 43 Resp: 3412
Ion Ratio Lower Upper
43 100
58 14.6 0.0 70.2

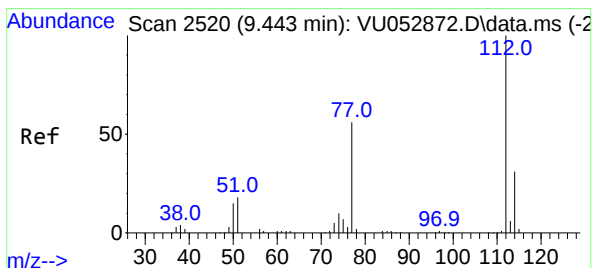
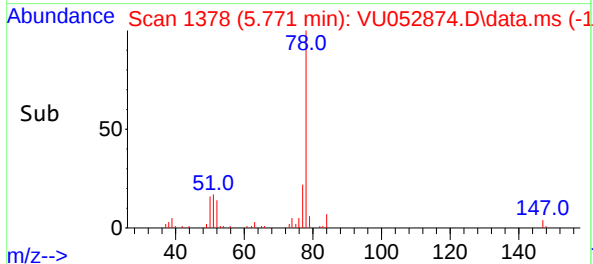
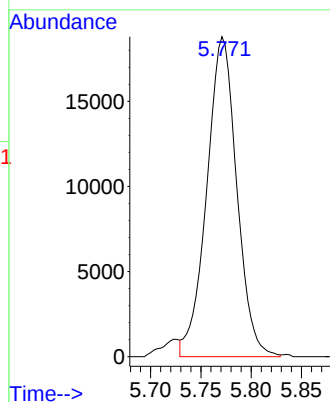
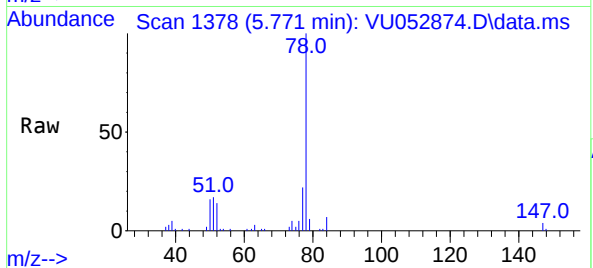




#33
Benzene
Concen: 5.496 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052874.D
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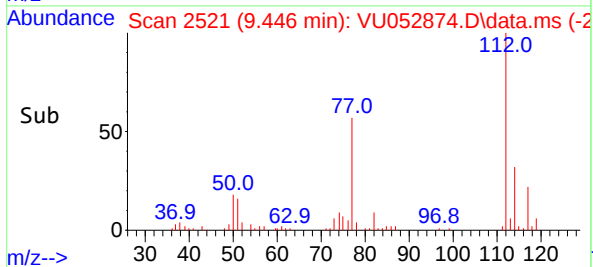
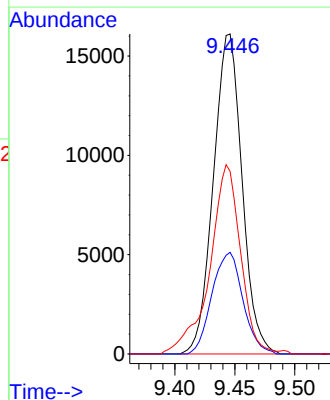
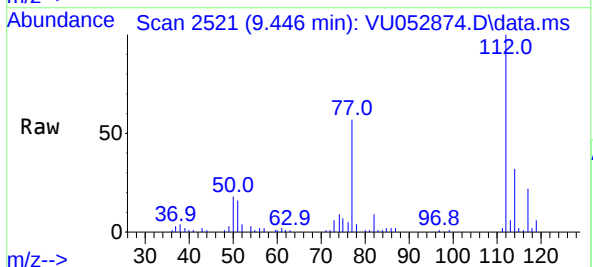
Instrument :
MSVOA_U
ClientSampleId :
A44G8

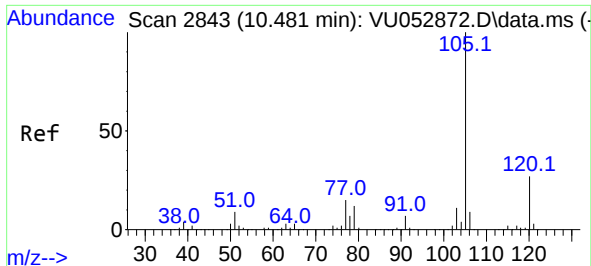
Tgt Ion: 78 Resp: 39030



#51
Chlorobenzene
Concen: 5.349 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion:112 Resp: 26785
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 57.1 45.9 68.9

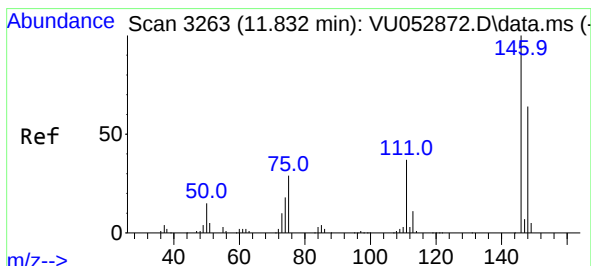
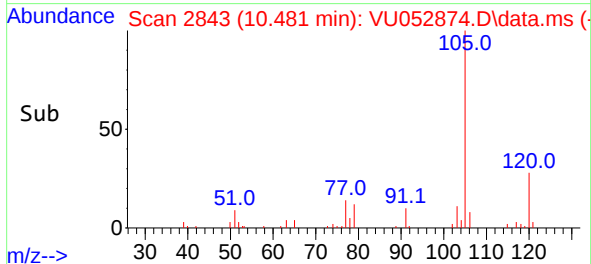
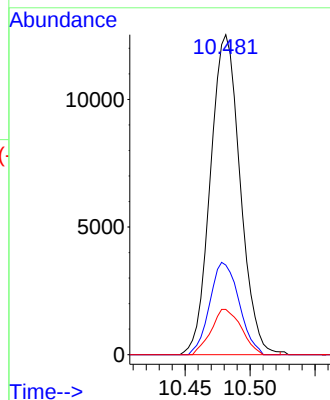
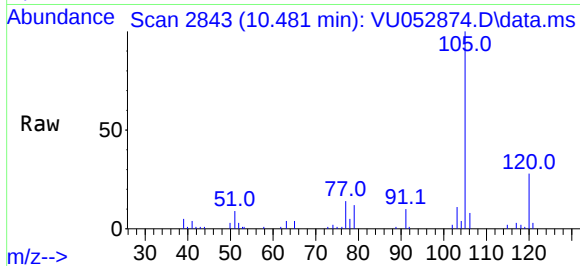




#61
Isopropylbenzene
Concen: 2.943 ug/L
RT: 10.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

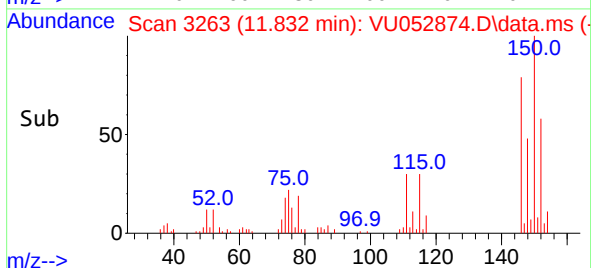
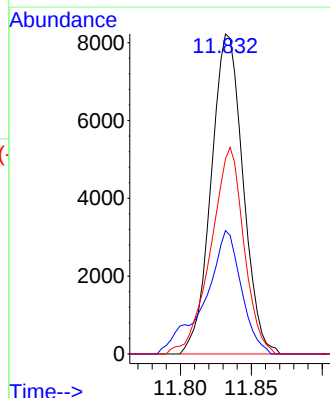
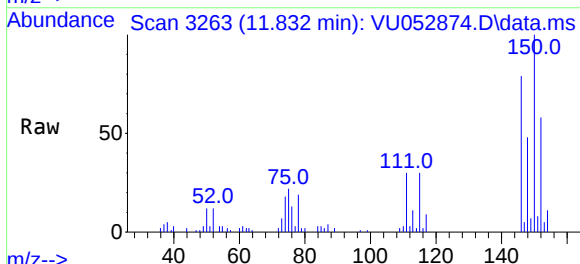
Instrument :
MSVOA_U
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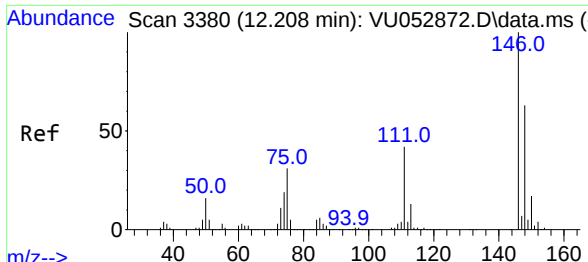
Tgt Ion:	105	Resp:	19948
Ion	Ratio	Lower	Upper
105	100		
120	28.4	21.4	32.2
77	14.4	12.2	18.2



#65
1,4-Dichlorobenzene
Concen: 3.625 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion:	146	Resp:	12835
Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.7	49.7
148	60.9	45.6	84.6





#67
 1,2-Dichlorobenzene
 Concen: 1.828 ug/L
 RT: 12.208 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052874.D
 Acq: 31 Jan 2023 12:59

Instrument :
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 ClientSampleId :
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Tgt Ion:	146	Resp:	6325
Ion	Ratio	Lower	Upper
146	100		
111	42.8	33.2	49.8
148	69.6	50.2	75.4

