

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041223\
 Data File : VU053673.D
 Acq On : 12 Apr 2023 19:41
 Operator : JC/MD
 Sample : 02252-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME6

Quant Time: Apr 13 01:44:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 13 01:39:36 2023
 Response via : Initial Calibration

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

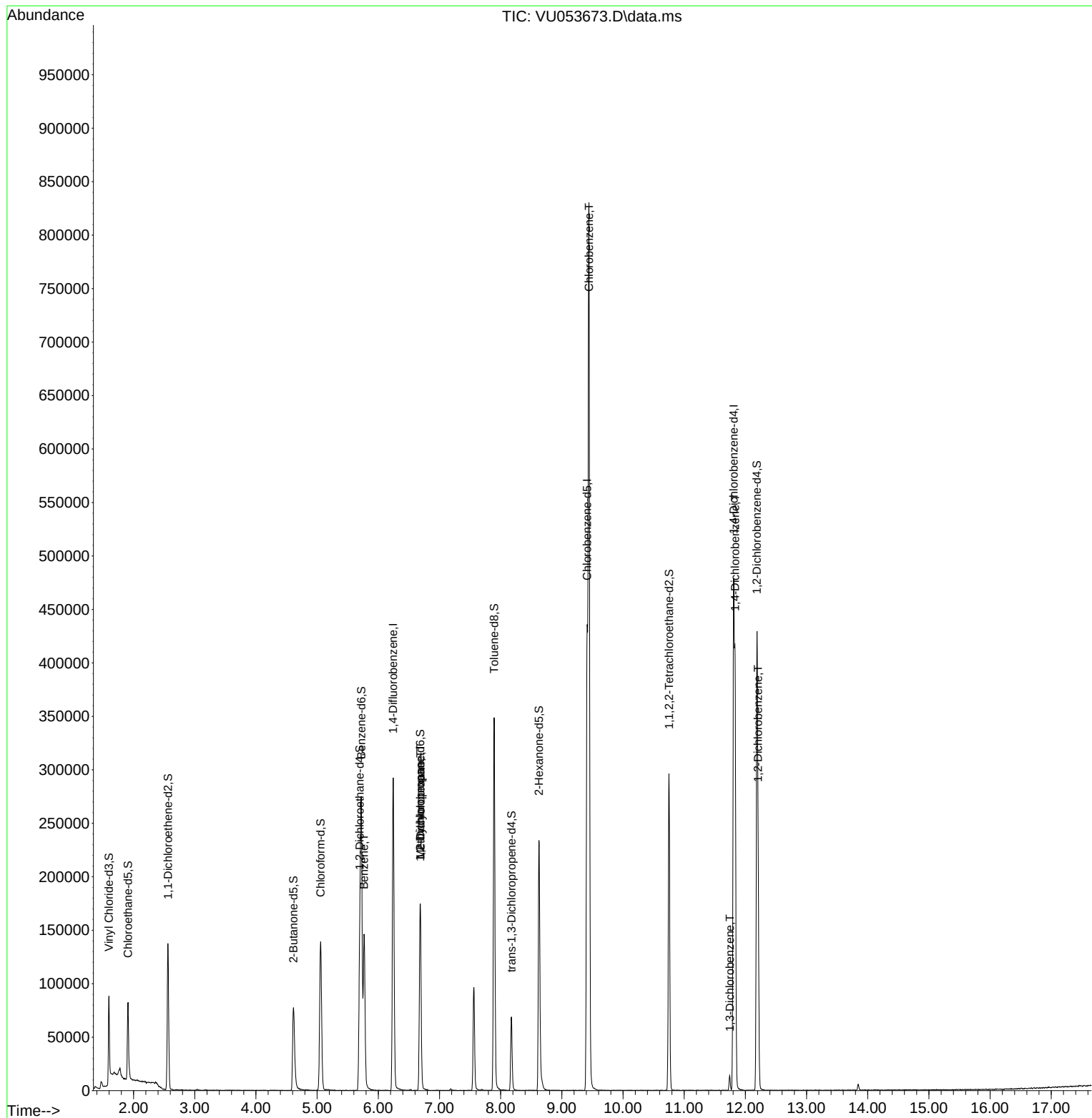
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	251971	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240125	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118955	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61974	31.587	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.180%	
7) Chloroethane-d5	1.909	69	59137	39.092	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.180%	
11) 1,1-Dichloroethene-d2	2.562	63	79515	26.181	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	52.360%#	
21) 2-Butanone-d5	4.613	46	108549	122.197	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	122.200%	
24) Chloroform-d	5.057	84	134574	41.474	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.940%	
26) 1,2-Dichloroethane-d4	5.697	65	88833	46.331	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.660%	
32) Benzene-d6	5.722	84	261017	40.270	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.540%	
36) 1,2-Dichloropropane-d6	6.684	67	88118	44.478	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.960%	
41) Toluene-d8	7.893	98	241298	37.456	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	74.920%#	
43) trans-1,3-Dichloroprop...	8.176	79	39168	38.301	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.600%	
47) 2-Hexanone-d5	8.626	63	83960	124.176	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	124.180%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141766	50.770	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.540%	
66) 1,2-Dichlorobenzene-d4	12.188	152	105128	42.339	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.680%	
Target Compounds						
					Qvalue	
33) Benzene	5.767	78	145521	23.260	ug/L	100
35) Methylcyclohexane	6.687	83	21340	7.672	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	8795	5.536	ug/L #	86
51) Chlorobenzene	9.443	112	456269	93.402	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	5682	1.546	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	153895	41.089	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	68160	18.610	ug/L	96

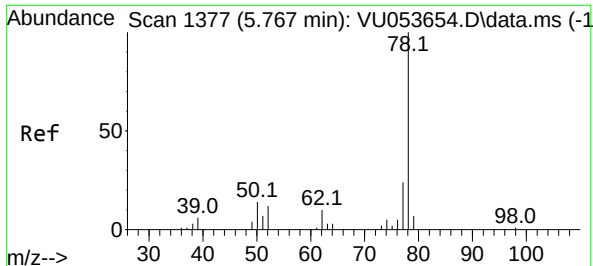
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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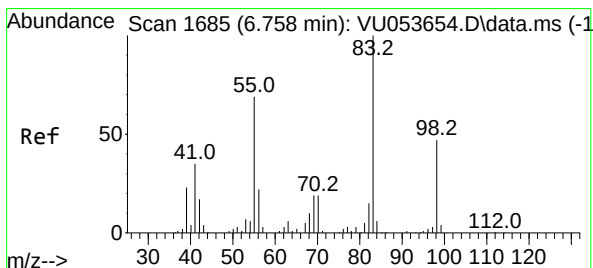
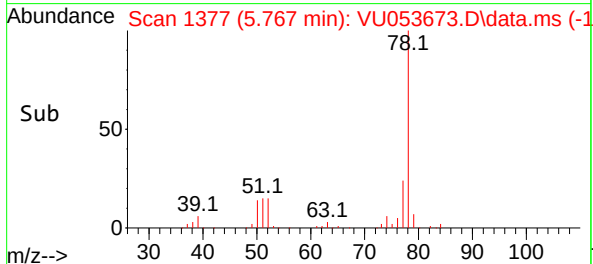
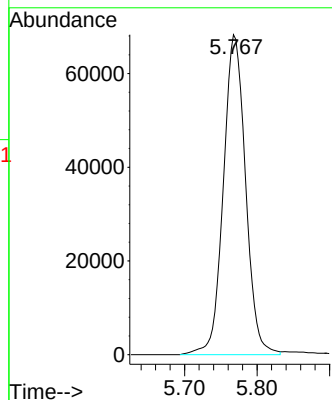
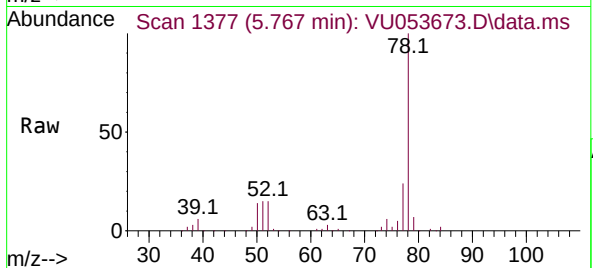




#33
Benzene
Concen: 23.260 ug/L
RT: 5.767 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

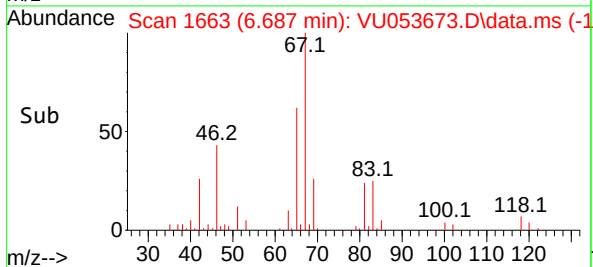
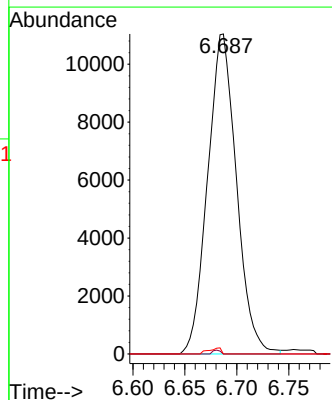
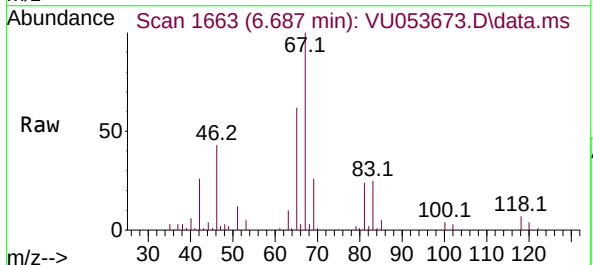
Instrument :
MSVOA_U
ClientSampleId :
COME6

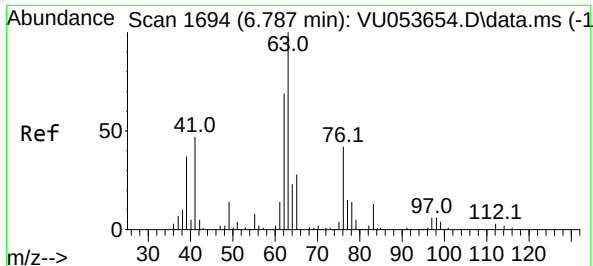
Tgt Ion: 78 Resp: 145521



#35
Methylcyclohexane
Concen: 7.672 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

Tgt Ion: 83 Resp: 21340
Ion Ratio Lower Upper
83 100
55 0.3 53.0 79.6#
98 0.5 39.0 58.6#

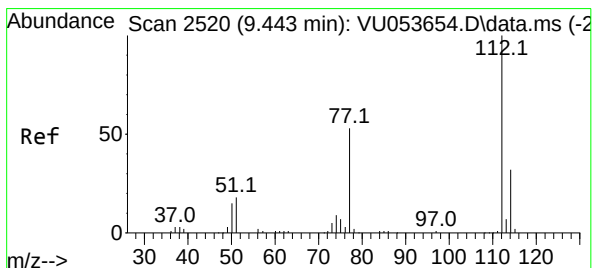
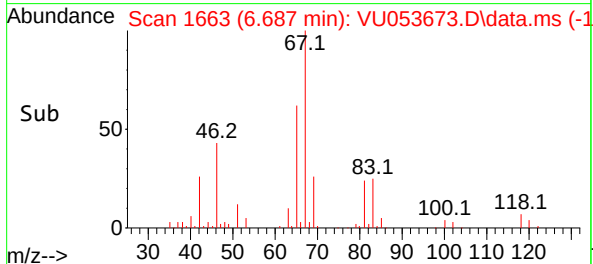
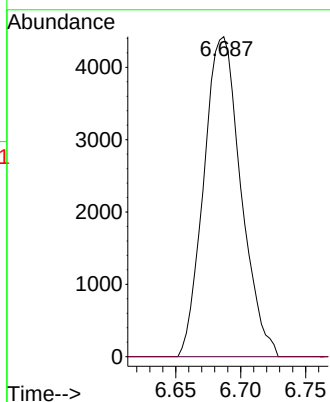
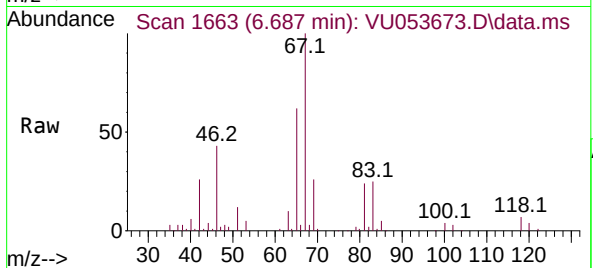




#37
1,2-Dichloropropane
Concen: 5.536 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

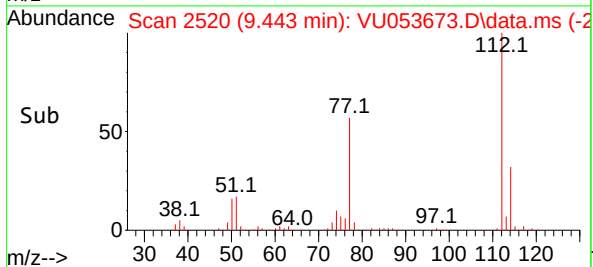
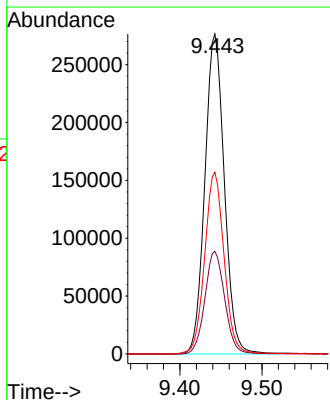
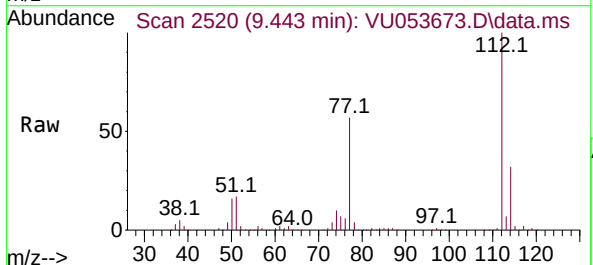
Instrument :
MSVOA_U
ClientSampleId :
COME6

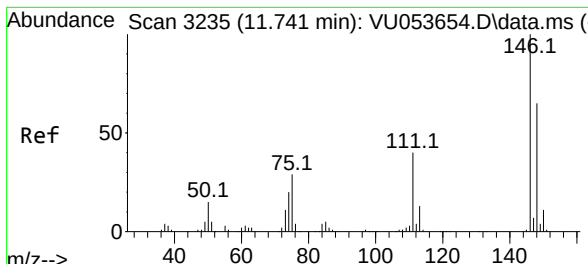
Tgt Ion: 63 Resp: 8795
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#51
Chlorobenzene
Concen: 93.402 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

Tgt Ion: 112 Resp: 456269
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 56.8 41.3 61.9

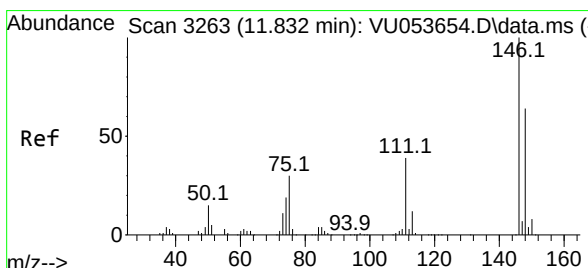
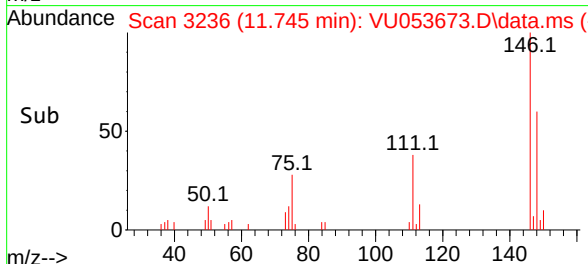
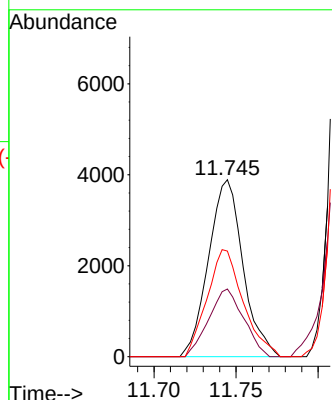
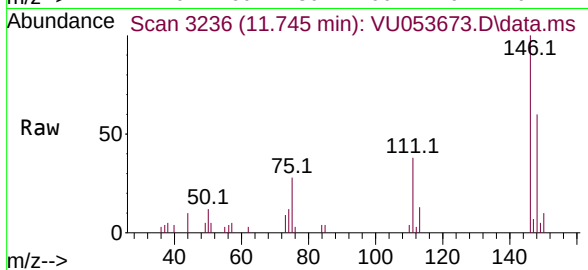




#64
1,3-Dichlorobenzene
Concen: 1.546 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

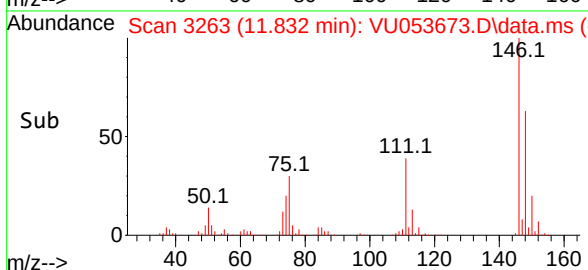
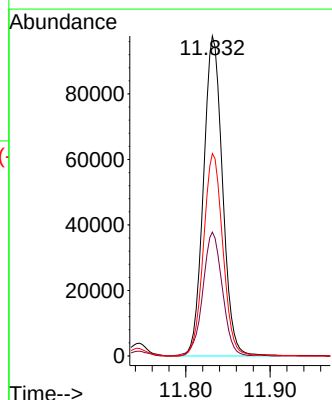
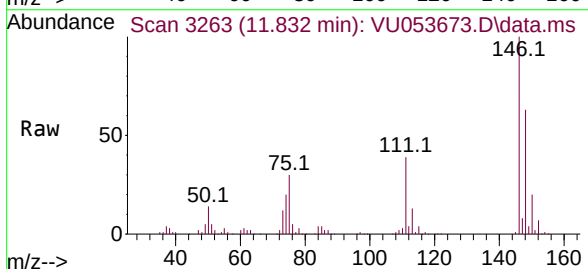
Instrument :
MSVOA_U
ClientSampleId :
COME6

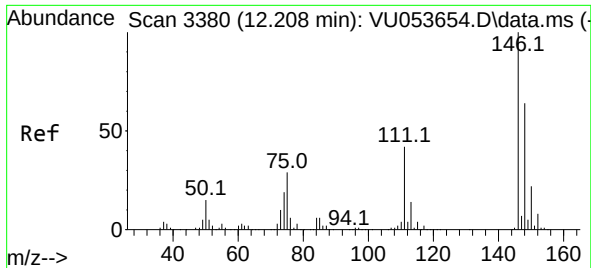
Tgt Ion:146 Resp: 5682
Ion Ratio Lower Upper
146 100
111 38.3 25.7 47.7
148 59.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 41.089 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053673.D
Acq: 12 Apr 2023 19:41

Tgt Ion:146 Resp: 153895
Ion Ratio Lower Upper
146 100
111 38.7 25.1 46.5
148 63.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 18.610 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053673.D

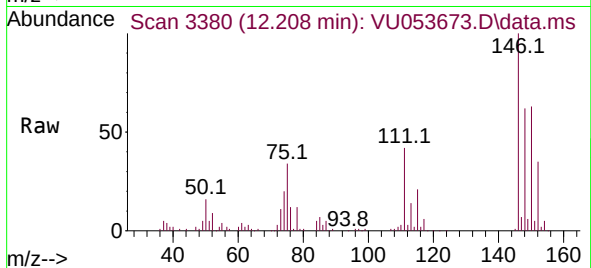
Acq: 12 Apr 2023 19:41

Instrument :

MSVOA_U

ClientSampleId :

COME6



Tgt Ion:146 Resp: 68160

Ion Ratio Lower Upper

146 100

111 42.3 31.5 47.3

148 62.0 51.6 77.4

