

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053630.D
 Acq On : 11 Apr 2023 13:12
 Operator : JC/MD
 Sample : 02251-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD1

Quant Time: Apr 12 02:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

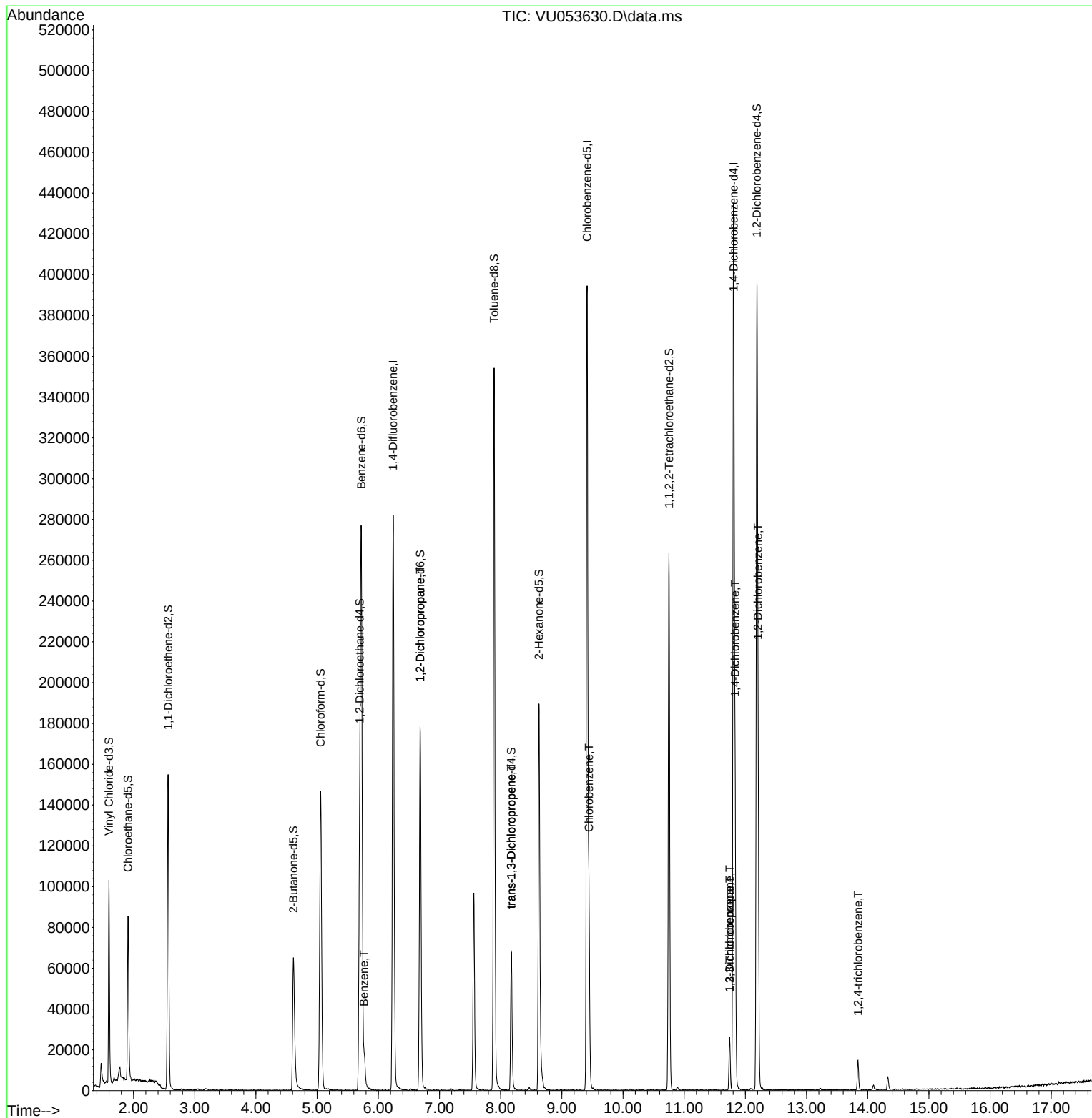
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	242199	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72209	38.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.580%		
7) Chloroethane-d5	1.909	69	63724	43.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.640%		
11) 1,1-Dichloroethene-d2	2.565	63	87175	29.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.720%#		
21) 2-Butanone-d5	4.613	46	90399	105.871	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.870%		
24) Chloroform-d	5.057	84	134964	43.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.540%		
26) 1,2-Dichloroethane-d4	5.697	65	85501	46.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.780%		
32) Benzene-d6	5.723	84	268893	44.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.020%		
36) 1,2-Dichloropropane-d6	6.684	67	86563	46.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.720%		
41) Toluene-d8	7.893	98	246731	40.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.260%		
43) trans-1,3-Dichloroprop...	8.173	79	40368	41.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
47) 2-Hexanone-d5	8.626	63	67892	106.533	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.530%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	127192	48.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.660%		
66) 1,2-Dichlorobenzene-d4	12.189	152	101601	42.609	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.220%		
Target Compounds					Qvalue	
33) Benzene	5.768	78	14221	2.412	ug/L	100
37) 1,2-Dichloropropane	6.684	63	9160	6.118	ug/L #	86
44) trans-1,3-Dichloropropene	8.173	75	2091	0.904	ug/L #	81
51) Chlorobenzene	9.443	112	49818	10.820	ug/L	98
60) 1,2,3-Trichloropropane	11.742	75	3187	1.924	ug/L #	43
64) 1,3-Dichlorobenzene	11.742	146	11098	3.145	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	57741	16.053	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	51115	14.533	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	4998	2.063	ug/L	98

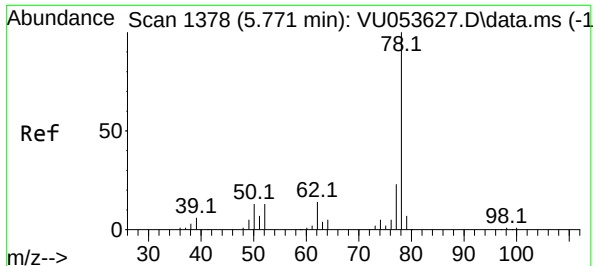
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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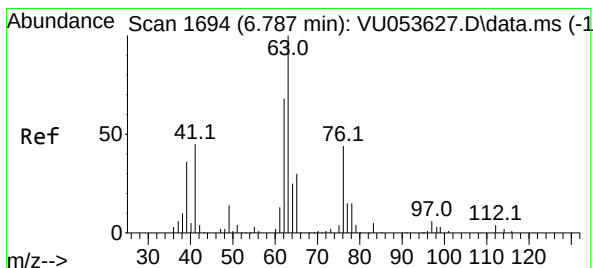
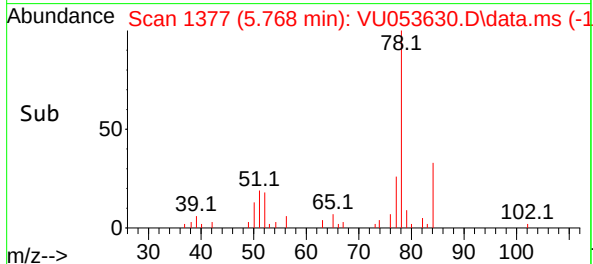
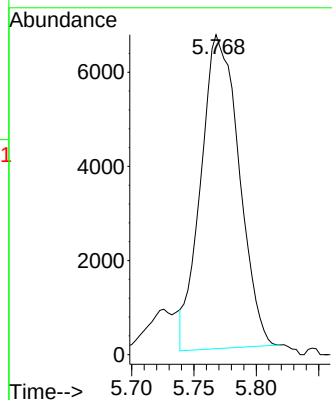
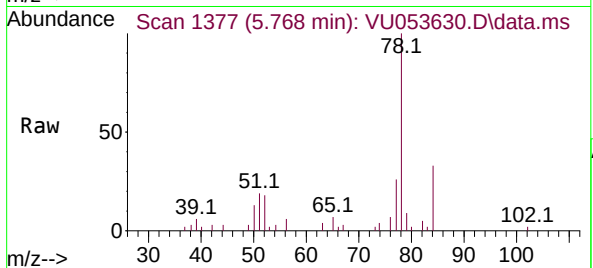




#33
Benzene
Concen: 2.412 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

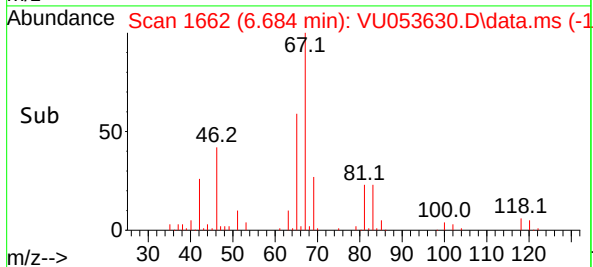
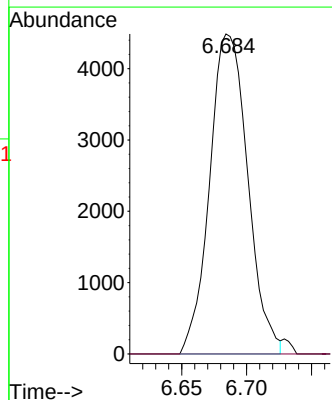
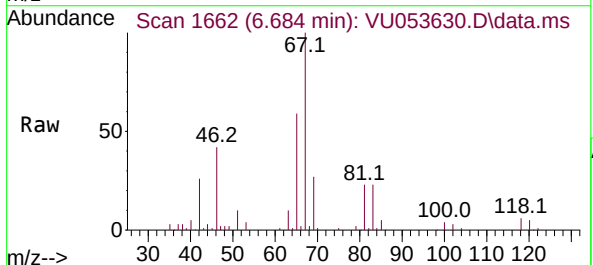
Instrument :
MSVOA_U
ClientSampleId :
COMD1

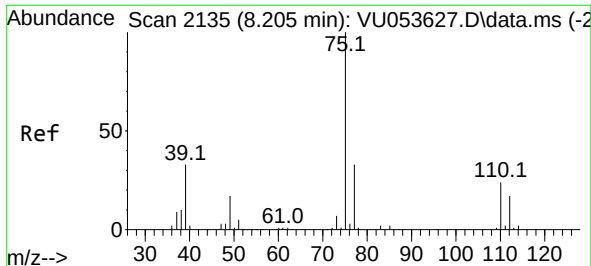
Tgt Ion: 78 Resp: 14221



#37
1,2-Dichloropropane
Concen: 6.118 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

Tgt Ion: 63 Resp: 9160
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 8.173 min Scan# 2135

Delta R.T. -0.032 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

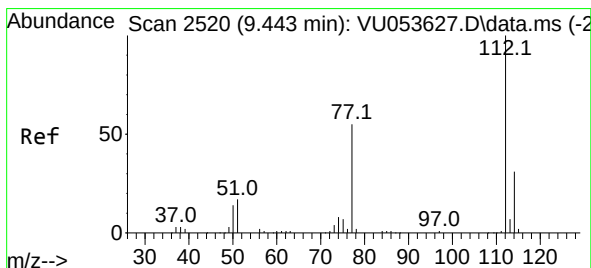
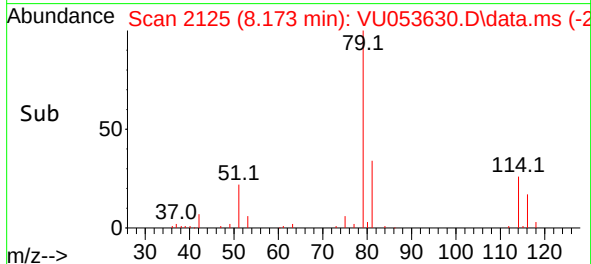
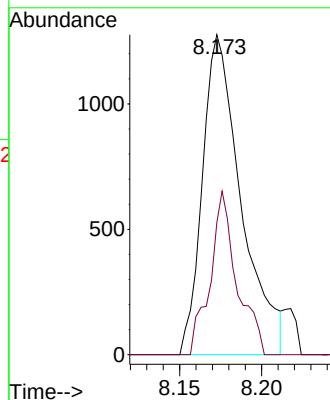
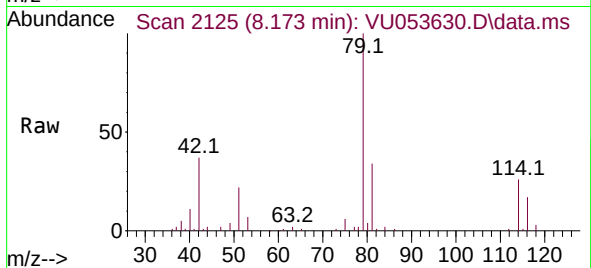
COMD1

Tgt Ion: 75 Resp: 2091

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.4#



#51

Chlorobenzene

Concen: 10.820 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU053630.D

Acq: 11 Apr 2023 13:12

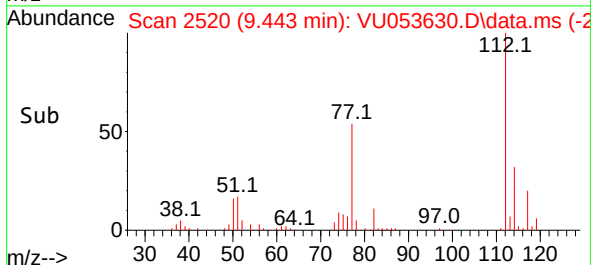
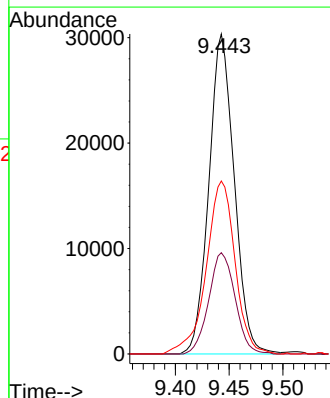
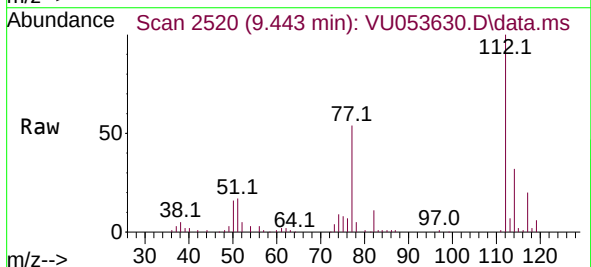
Tgt Ion: 112 Resp: 49818

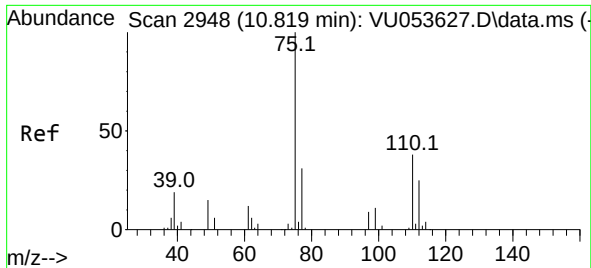
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 54.1 41.3 61.9

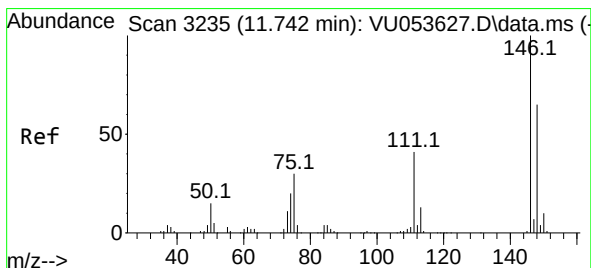
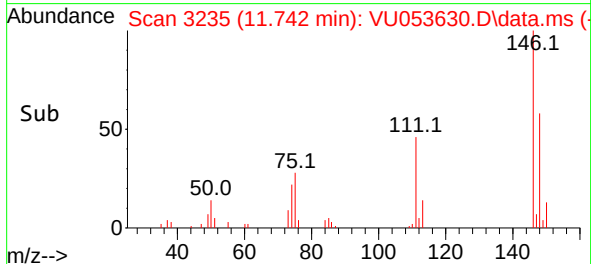
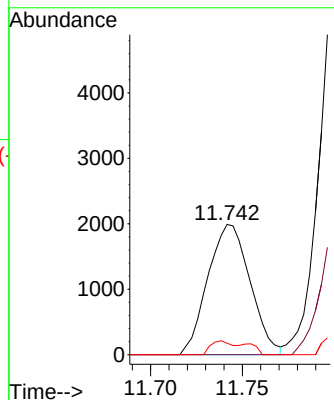
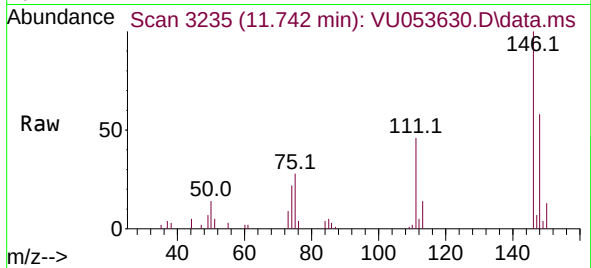




#60
1,2,3-Trichloropropane
Concen: 1.924 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

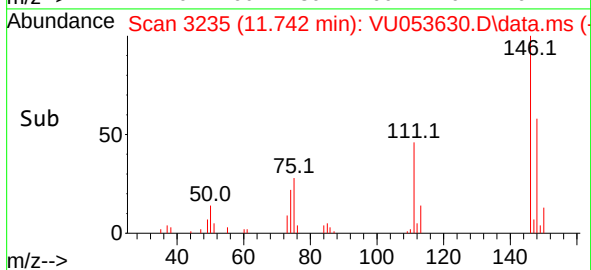
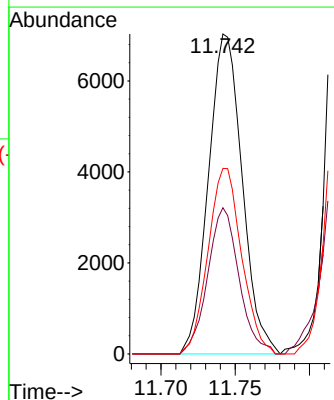
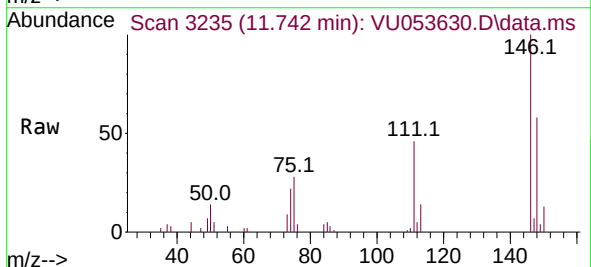
Instrument :
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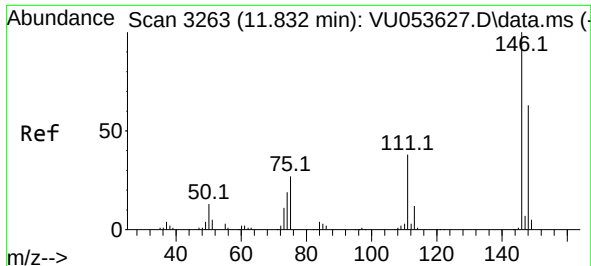
Tgt Ion: 75 Resp: 3187
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 5.1 32.6 48.8#



#64
1,3-Dichlorobenzene
Concen: 3.145 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

Tgt Ion: 146 Resp: 11098
Ion Ratio Lower Upper
146 100
111 45.7 25.7 47.7
148 58.0 44.2 82.2

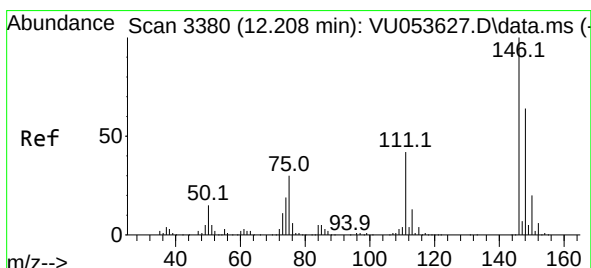
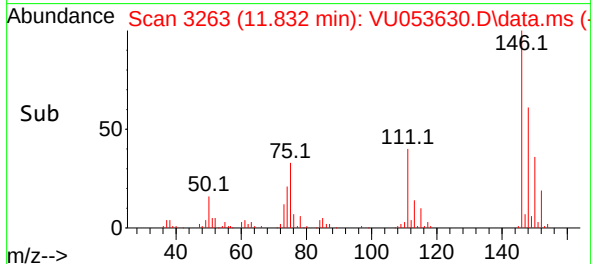
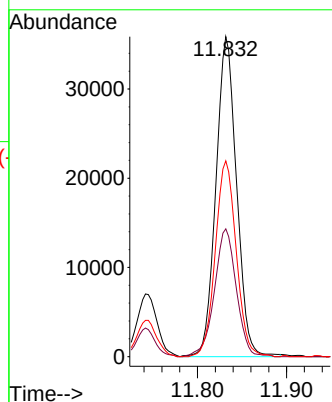
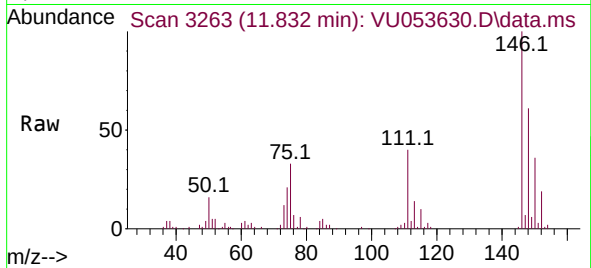




#65
1,4-Dichlorobenzene
Concen: 16.053 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

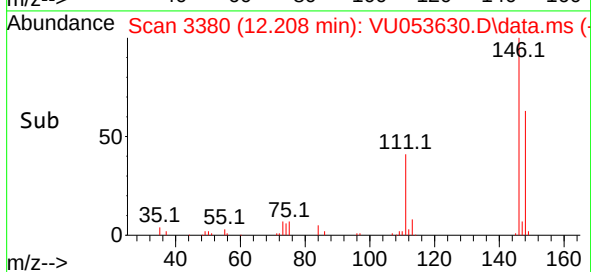
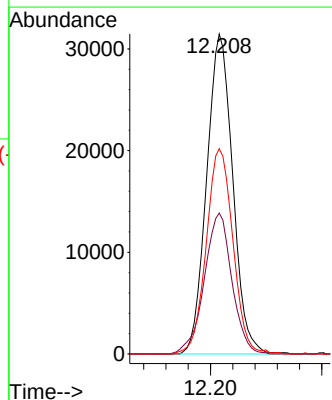
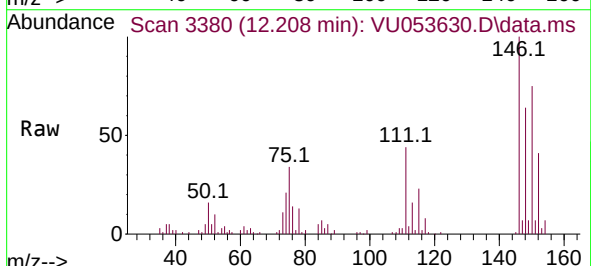
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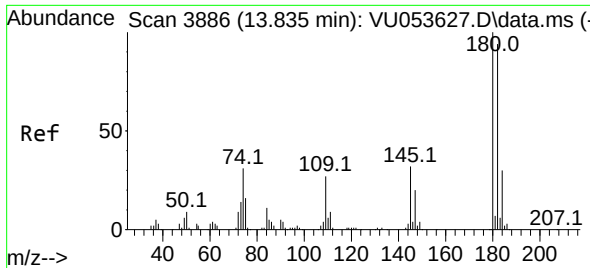
Tgt Ion:146 Resp: 57741
Ion Ratio Lower Upper
146 100
111 39.9 25.1 46.5
148 61.2 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 14.533 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053630.D
Acq: 11 Apr 2023 13:12

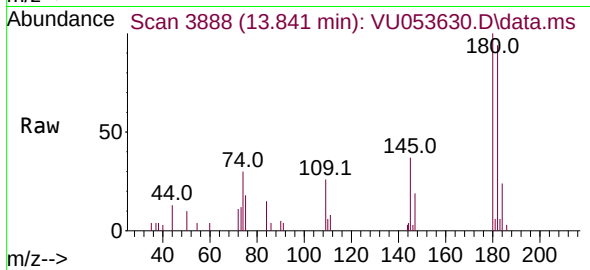
Tgt Ion:146 Resp: 51115
Ion Ratio Lower Upper
146 100
111 44.1 31.5 47.3
148 64.2 51.6 77.4





#70
 1,2,4-trichlorobenzene
 Concen: 2.063 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU053630.D
 Acq: 11 Apr 2023 13:12

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Tgt Ion:	180	Resp:	4998
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.8	113.8
145	32.8	23.4	35.2

