

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041223\
 Data File : VU053663.D
 Acq On : 12 Apr 2023 15:43
 Operator : JC/MD
 Sample : 02252-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME3

Quant Time: Apr 13 01:41:53 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)

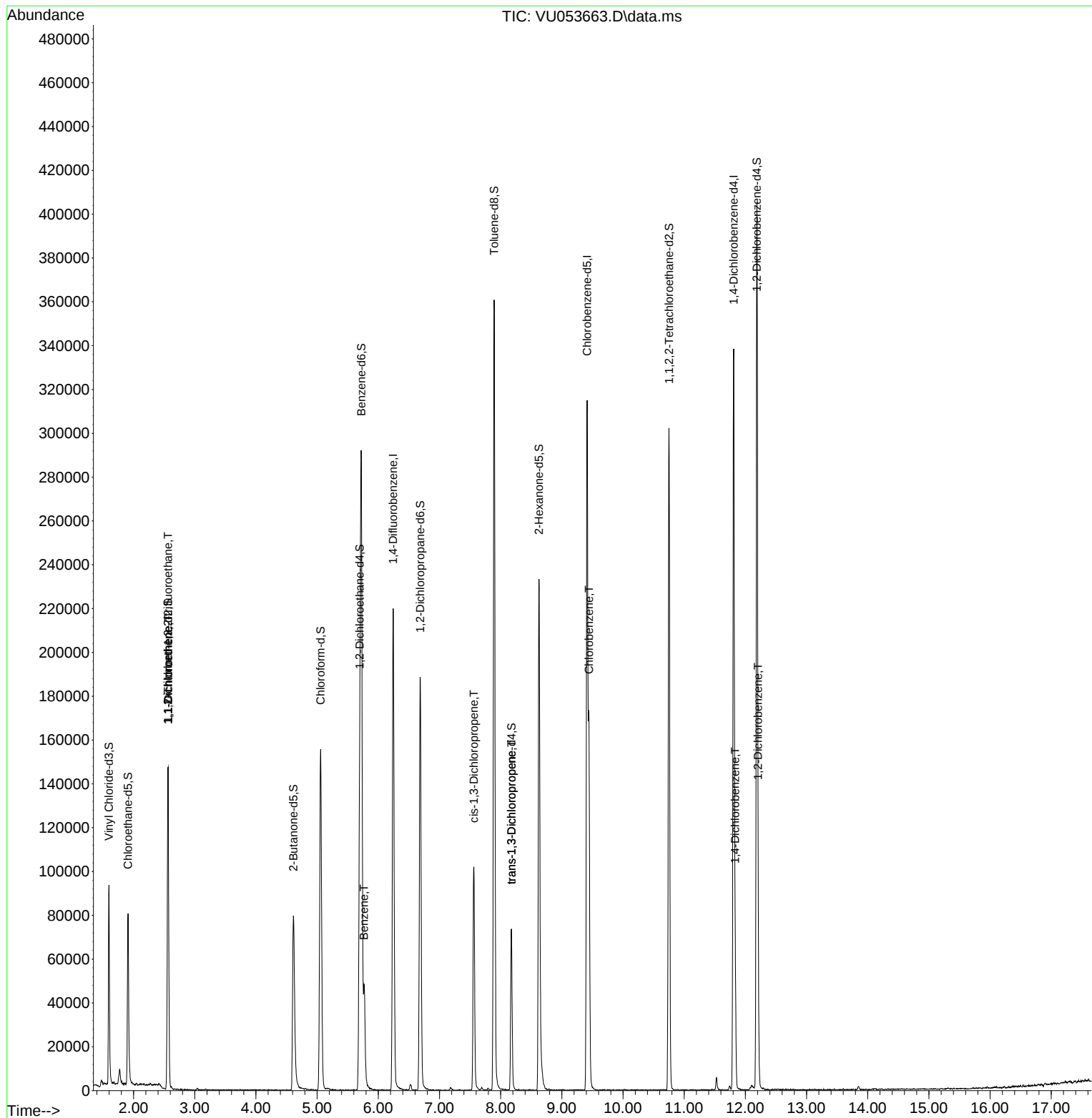
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	187520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	178926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67282	46.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.160%			
7) Chloroethane-d5	1.909	69	63721	56.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.200%			
11) 1,1-Dichloroethene-d2	2.562	63	84357	37.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.640%			
21) 2-Butanone-d5	4.613	46	114869	173.757	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 173.760%#			
24) Chloroform-d	5.057	84	143727	59.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.040%			
26) 1,2-Dichloroethane-d4	5.697	65	91621	64.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.420%#			
32) Benzene-d6	5.723	84	280033	57.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.960%			
36) 1,2-Dichloropropane-d6	6.684	67	92901	62.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 125.860%#			
41) Toluene-d8	7.893	98	253925	52.898	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.800%			
43) trans-1,3-Dichloroprop...	8.176	79	42766	56.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.240%			
47) 2-Hexanone-d5	8.626	63	83473	165.682	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 165.680%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	147662	70.969	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 141.940%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	107760	57.438	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.880%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	851	0.659	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	686	0.596	ug/L #	1
33) Benzene	5.768	78	46001	9.868	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	2444	1.263	ug/L #	68
44) trans-1,3-Dichloropropene	8.176	75	2052	1.122	ug/L	99
51) Chlorobenzene	9.443	112	87619	24.071	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	22553	7.969	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	14984	5.415	ug/L	95

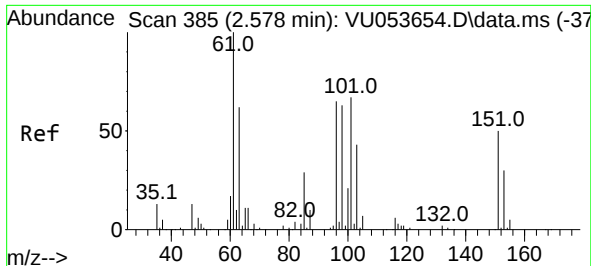
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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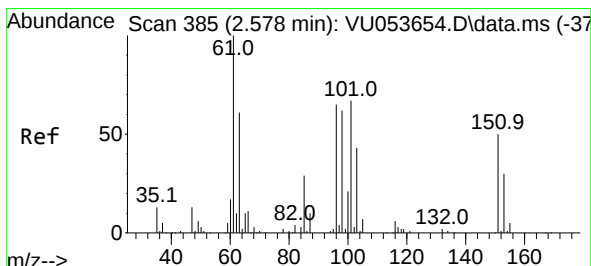
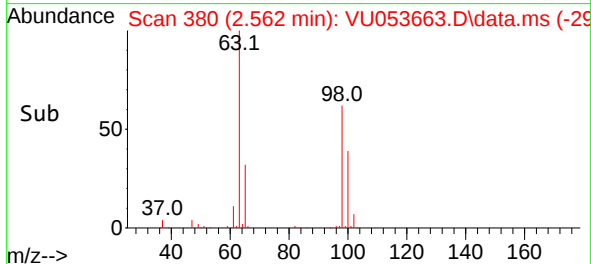
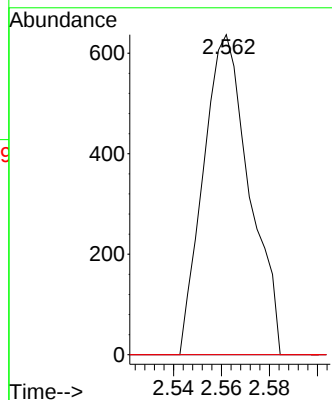
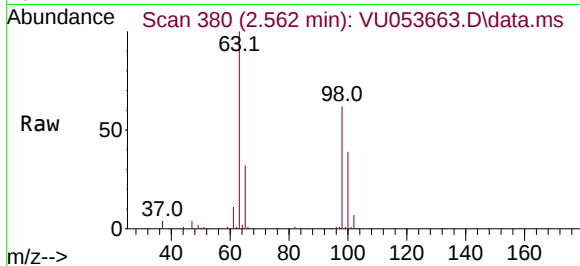




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.659 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU053663.D
 Acq: 12 Apr 2023 15:43

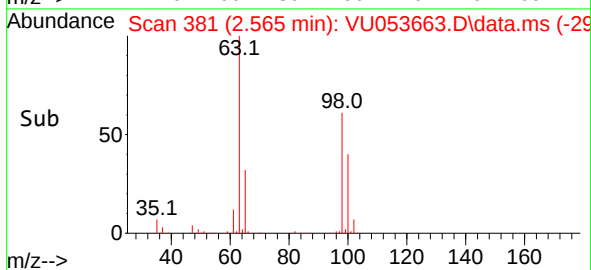
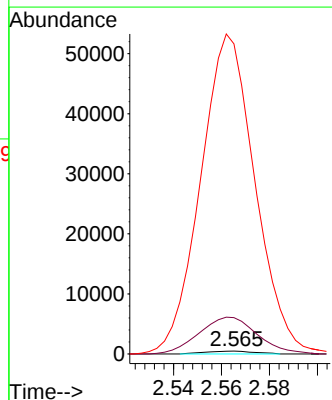
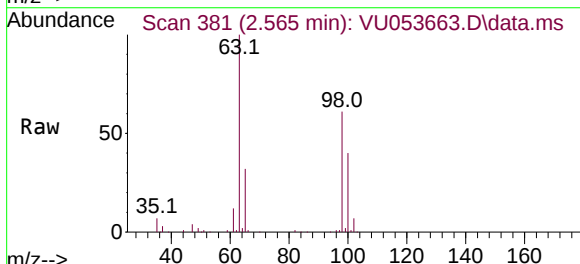
Instrument :
 MSVOA_U
 ClientSampleId :
 COME3

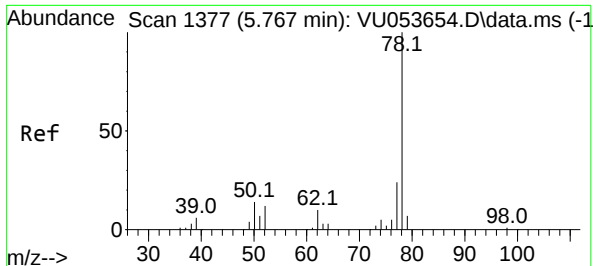
Tgt Ion:101 Resp: 851
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.596 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU053663.D
 Acq: 12 Apr 2023 15:43

Tgt Ion: 96 Resp: 686
 Ion Ratio Lower Upper
 96 100
 61 1253.8 107.9 200.5#
 63 10688.2 79.1 146.9#

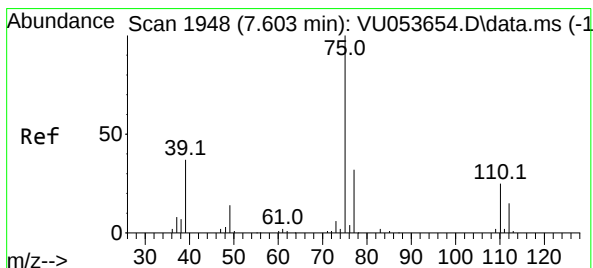
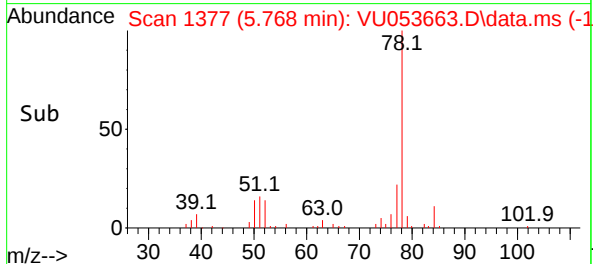
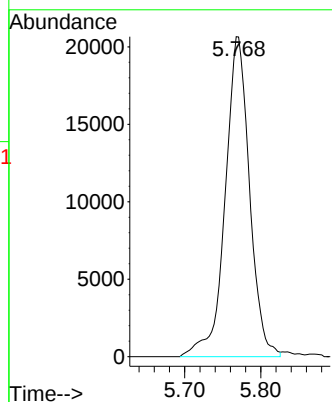
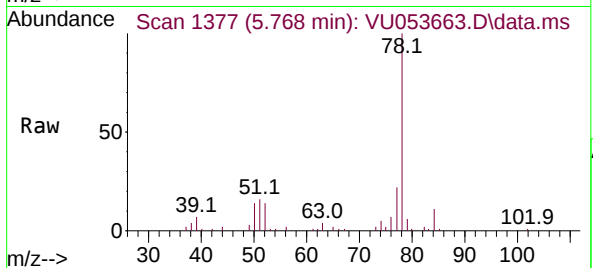




#33
Benzene
Concen: 9.868 ug/L
RT: 5.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

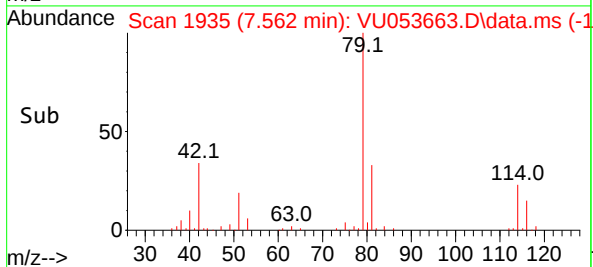
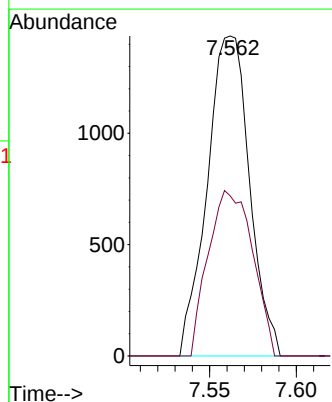
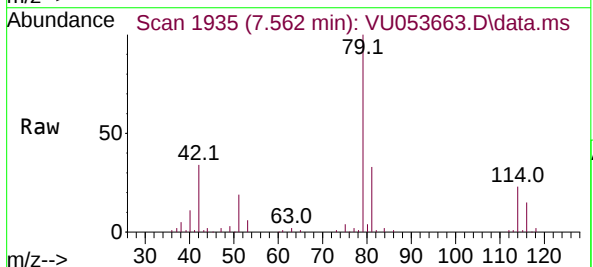
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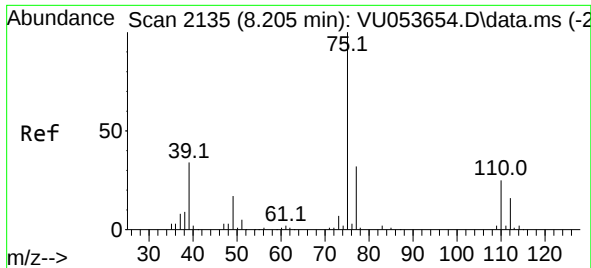
Tgt Ion: 78 Resp: 46001



#39
cis-1,3-Dichloropropene
Concen: 1.263 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

Tgt Ion: 75 Resp: 2444
Ion Ratio Lower Upper
75 100
77 50.0 22.5 41.7#

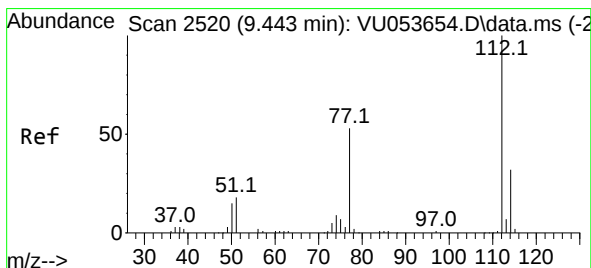
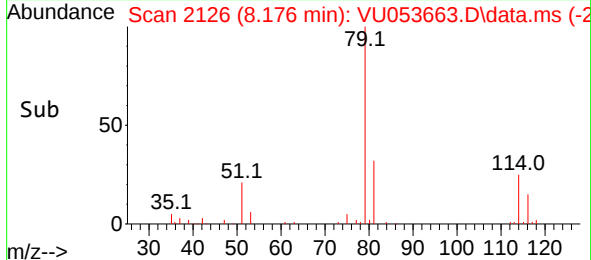
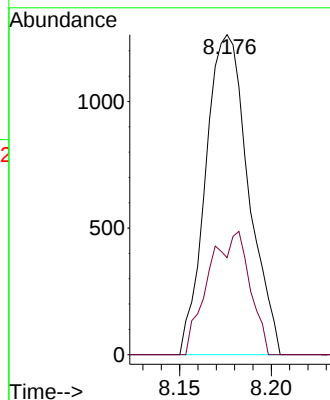
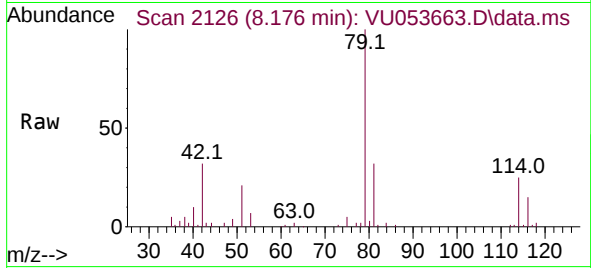




#44
trans-1,3-Dichloropropene
Concen: 1.122 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

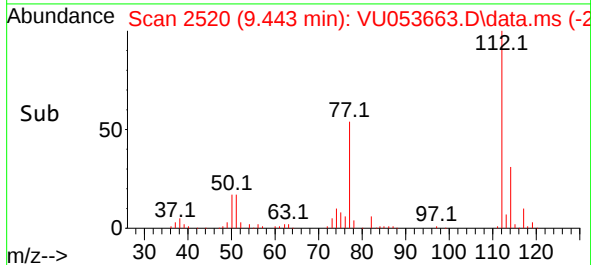
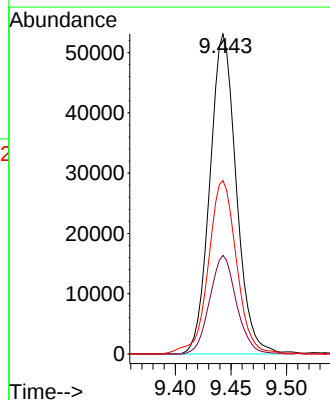
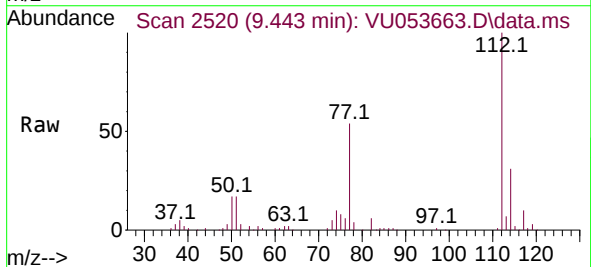
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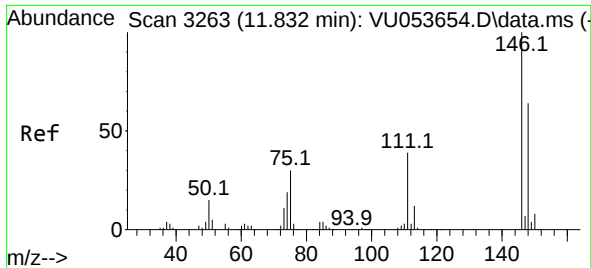
Tgt Ion: 75 Resp: 2052
Ion Ratio Lower Upper
75 100
77 30.3 21.8 40.4



#51
Chlorobenzene
Concen: 24.071 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

Tgt Ion: 112 Resp: 87619
Ion Ratio Lower Upper
112 100
114 30.8 22.2 41.2
77 54.2 41.3 61.9

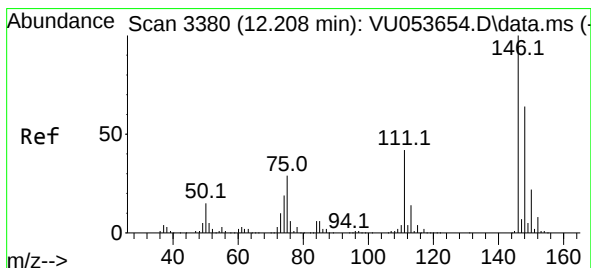
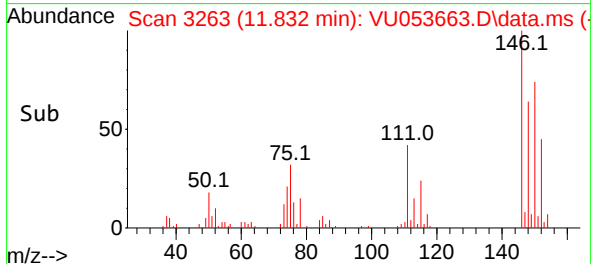
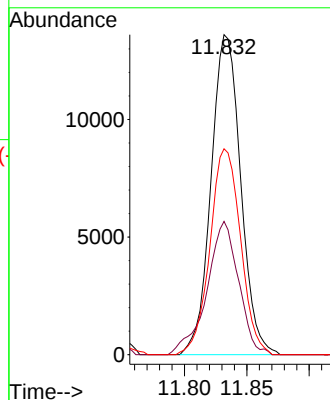
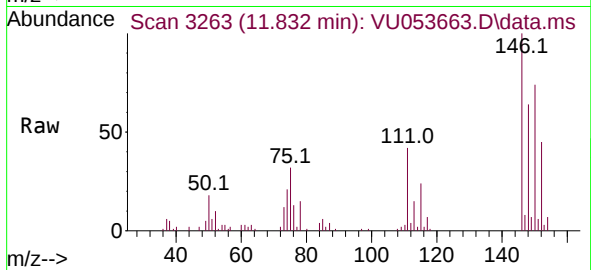




#65
1,4-Dichlorobenzene
Concen: 7.969 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :
COME3

Tgt Ion:146 Resp: 22553
Ion Ratio Lower Upper
146 100
111 41.7 25.1 46.5
148 64.3 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 5.415 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053663.D
Acq: 12 Apr 2023 15:43

Tgt Ion:146 Resp: 14984
Ion Ratio Lower Upper
146 100
111 44.3 31.5 47.3
148 61.5 51.6 77.4

