

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048247.D
 Acq On : 23 Apr 2022 15:38
 Operator : SY/MD
 Sample : N2488-03DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 25 01:26:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

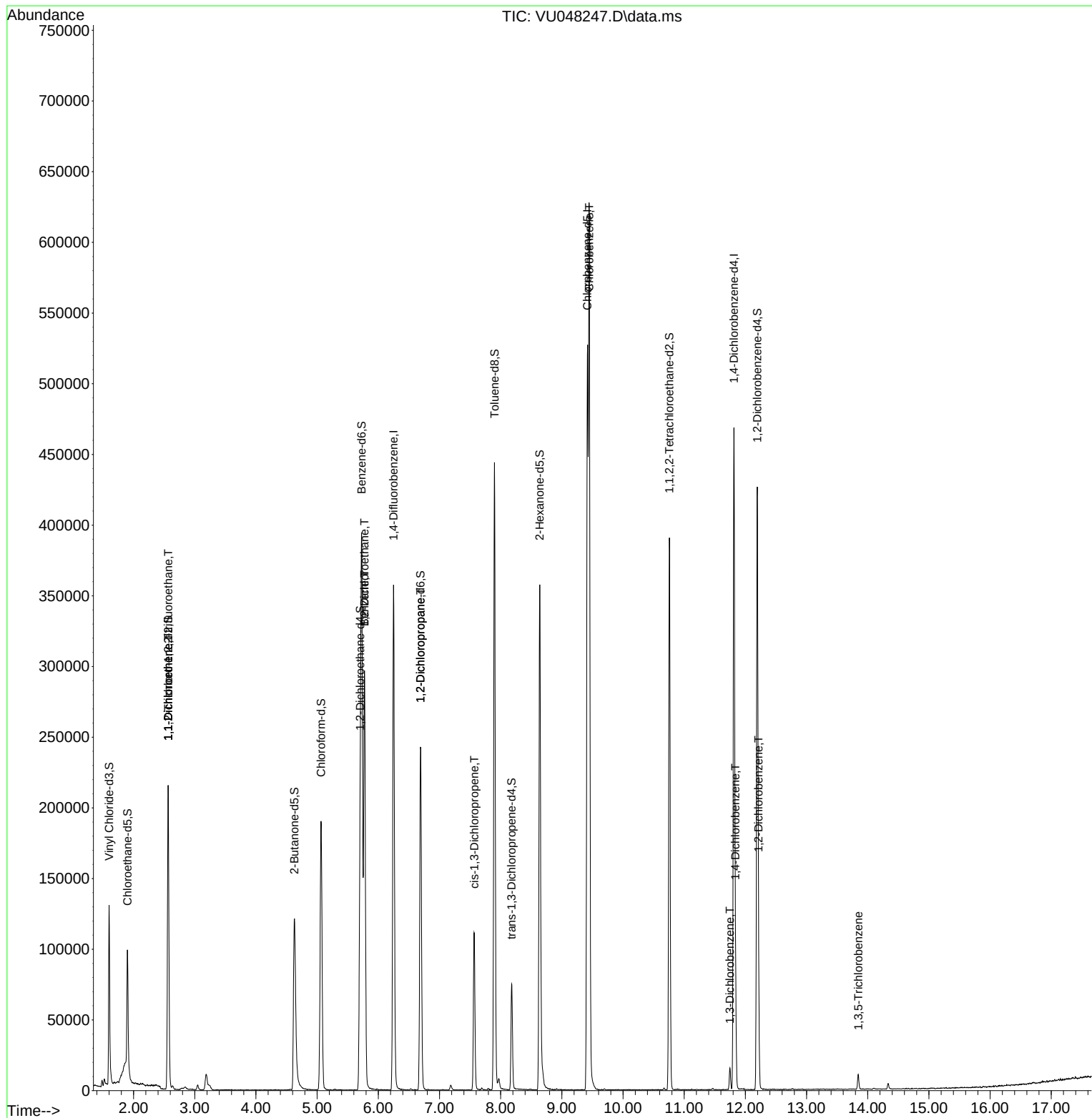
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

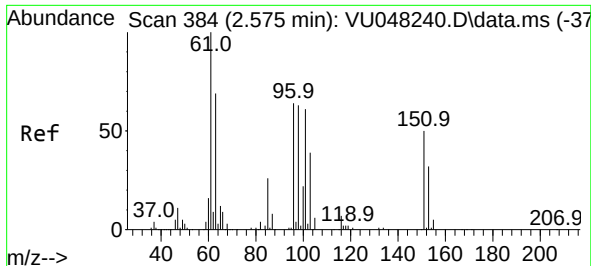
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304223	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	302106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103488	46.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.820%		
7) Chloroethane-d5	1.900	69	79290	45.581	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.160%		
11) 1,1-Dichloroethene-d2	2.565	63	125279	31.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.080%		
21) 2-Butanone-d5	4.629	46	182881	96.581	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.580%		
24) Chloroform-d	5.064	84	181702	45.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.020%		
26) 1,2-Dichloroethane-d4	5.703	65	115973	46.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.680%		
32) Benzene-d6	5.729	84	374870	49.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.620%		
36) 1,2-Dichloropropane-d6	6.690	67	122072	52.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.580%		
41) Toluene-d8	7.899	98	301935	40.767	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.540%		
43) trans-1,3-Dichloroprop...	8.179	79	44373	37.517	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.040%		
47) 2-Hexanone-d5	8.639	63	121856	89.163	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.160%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196126	48.951	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	118271	49.754	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1182	0.527	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	976	0.468	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	2430	0.753	ug/L #	75
33) Benzene	5.774	78	291141	33.294	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11968	5.384	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2558	0.742	ug/L #	53
51) Chlorobenzene	9.446	112	344145	52.825	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	6946	1.731	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	36988	8.897	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	28251	7.035	ug/L	100
69) 1,3,5-Trichlorobenzene	13.845	180	4149	1.273	ug/L	98

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

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ALS Vial : 37 Sample Multiplier: 1

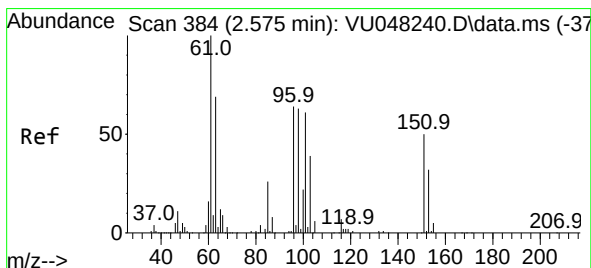
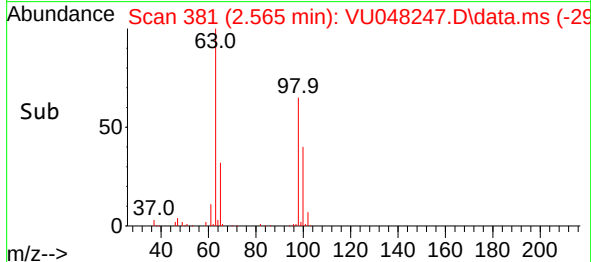
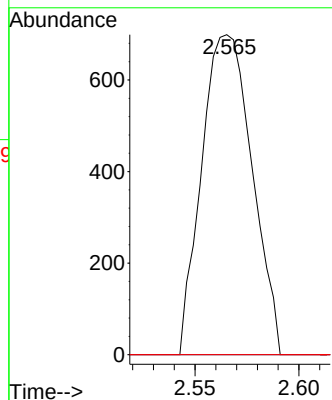
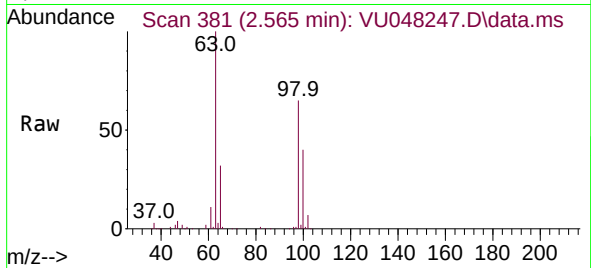
Quant Time: Apr 25 01:26:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
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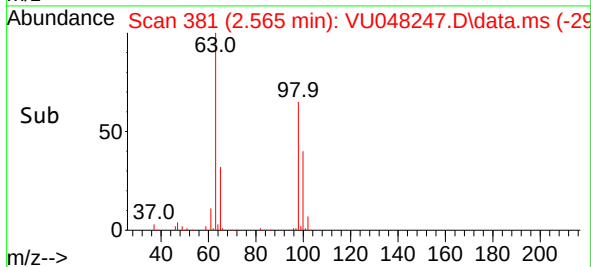
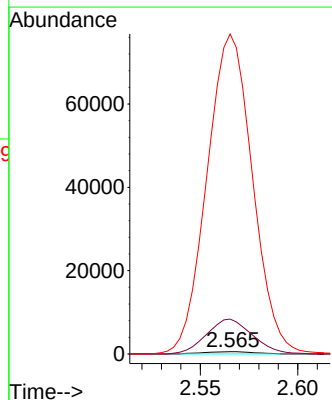
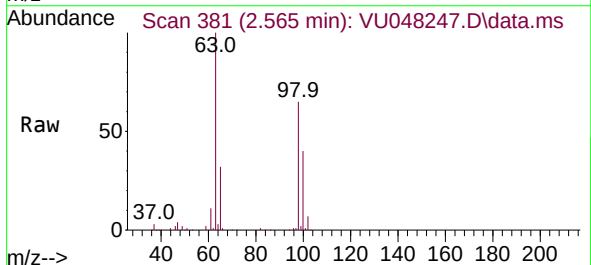
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.527 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

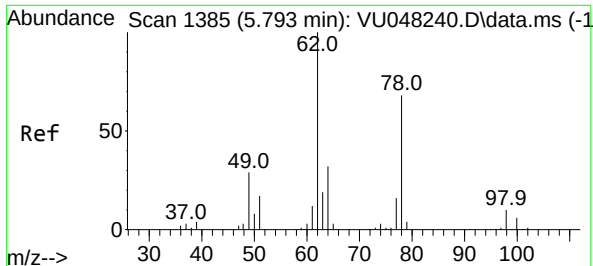
Tgt Ion:101 Resp: 1182
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.468 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

Tgt Ion: 96 Resp: 976
Ion Ratio Lower Upper
96 100
61 1552.4 113.1 210.1#
63 14225.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.753 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. -0.019 min

Lab File: VU048247.D

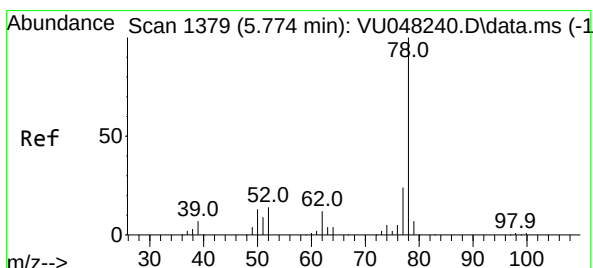
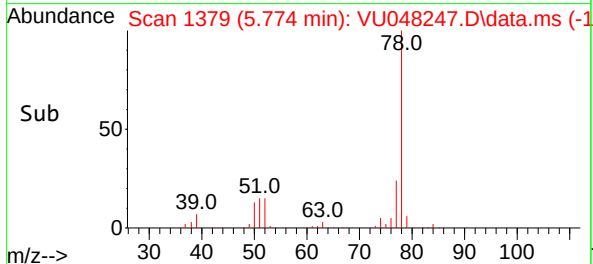
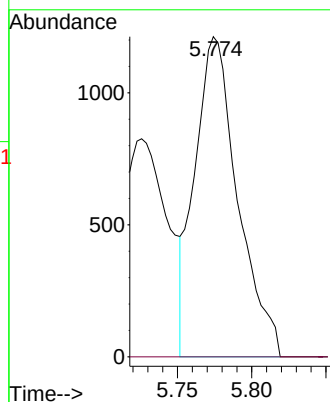
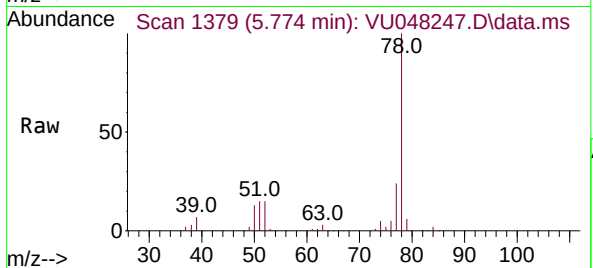
Acq: 23 Apr 2022 15:38

Tgt Ion: 62 Resp: 2430

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 33.294 ug/L

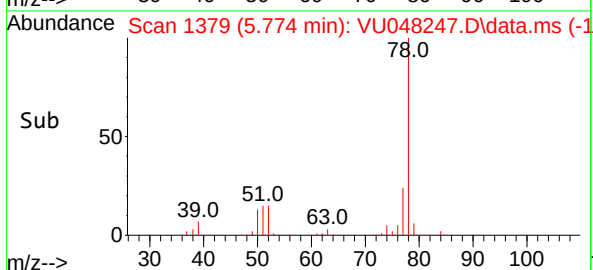
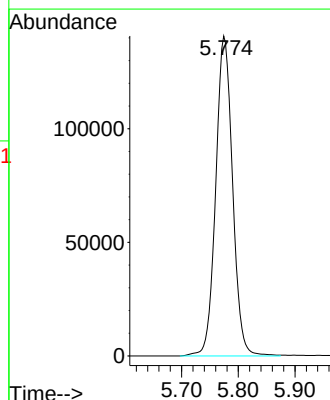
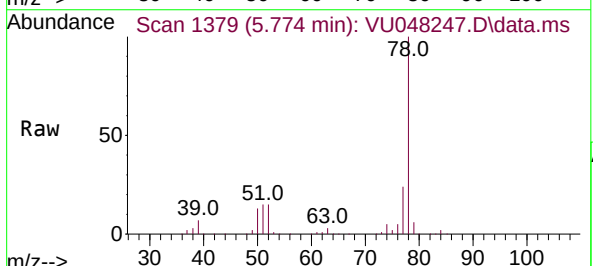
RT: 5.774 min Scan# 1379

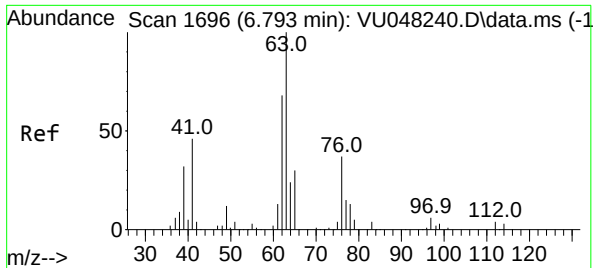
Delta R.T. 0.000 min

Lab File: VU048247.D

Acq: 23 Apr 2022 15:38

Tgt Ion: 78 Resp: 291141

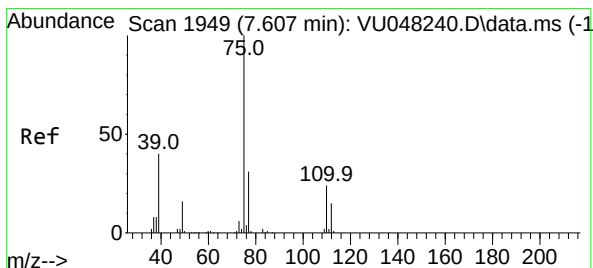
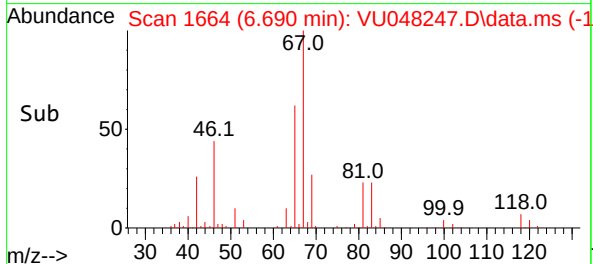
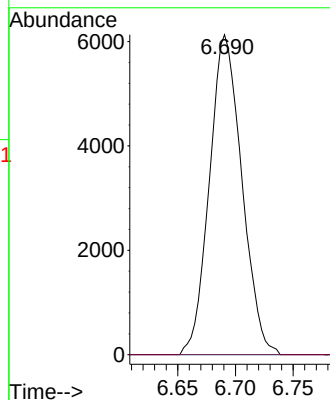
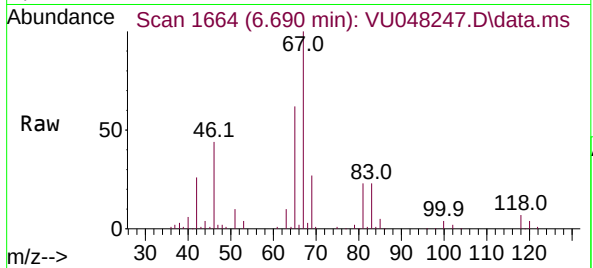




#37

1,2-Dichloropropane
Concen: 5.384 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

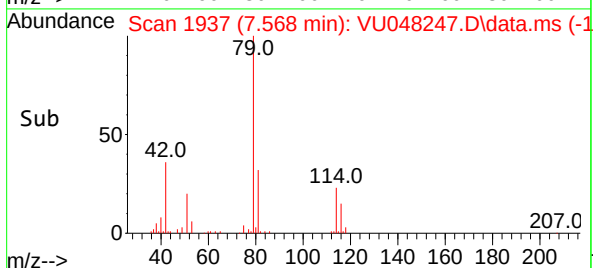
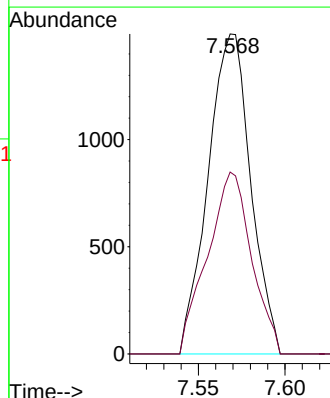
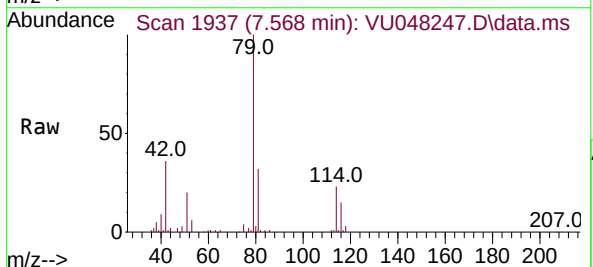
Tgt Ion: 63 Resp: 11968
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

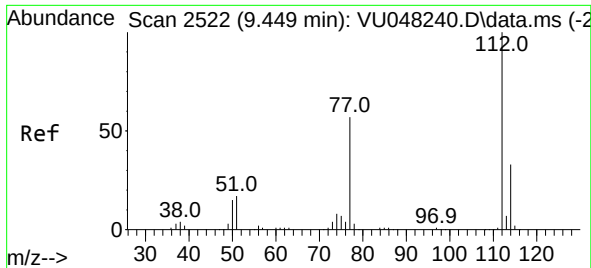


#39

cis-1,3-Dichloropropene
Concen: 0.742 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

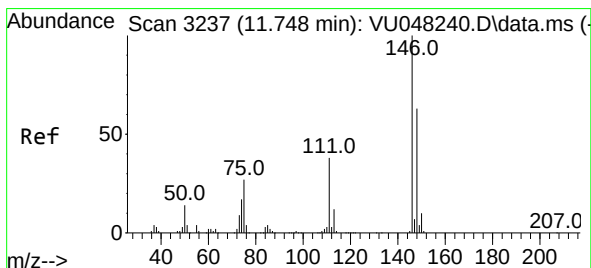
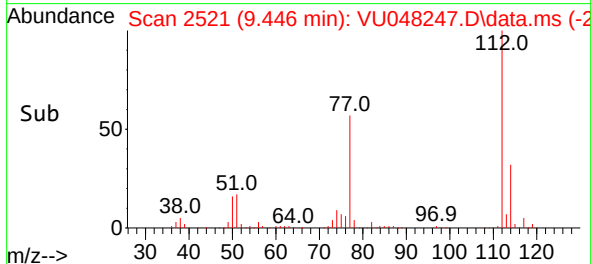
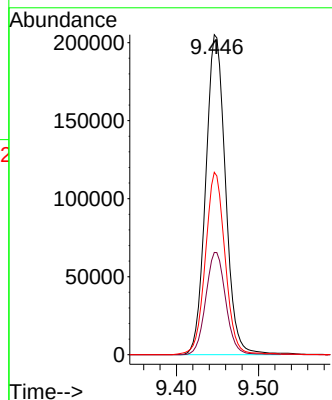
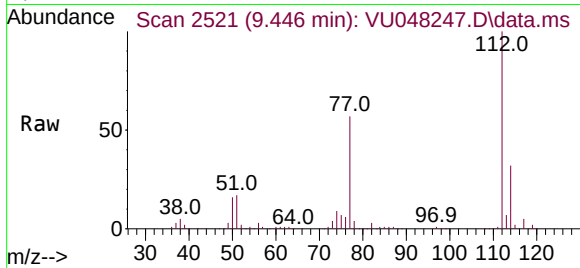
Tgt Ion: 75 Resp: 2558
Ion Ratio Lower Upper
75 100
77 56.9 21.8 40.6#





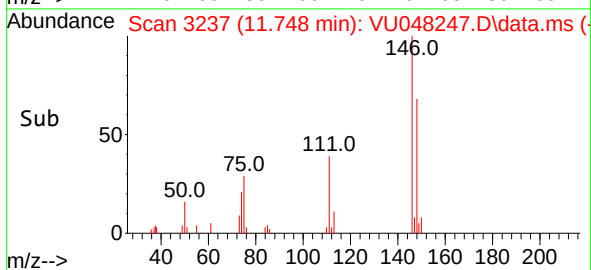
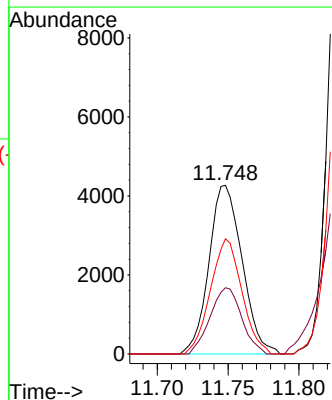
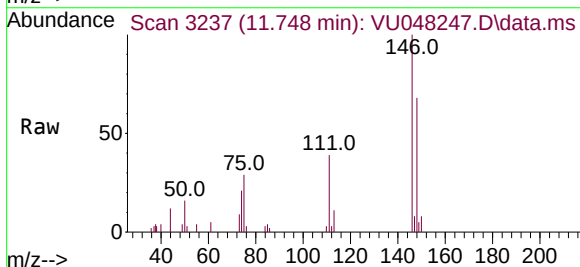
#51
Chlorobenzene
Concen: 52.825 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

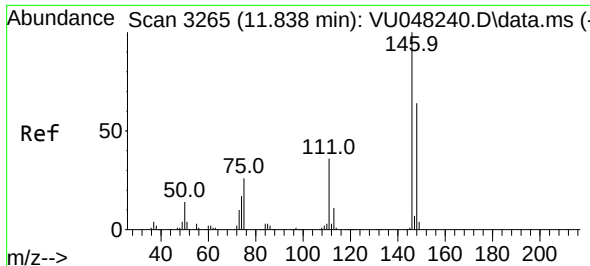
Tgt Ion:112 Resp: 344145
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 57.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.731 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048247.D
Acq: 23 Apr 2022 15:38

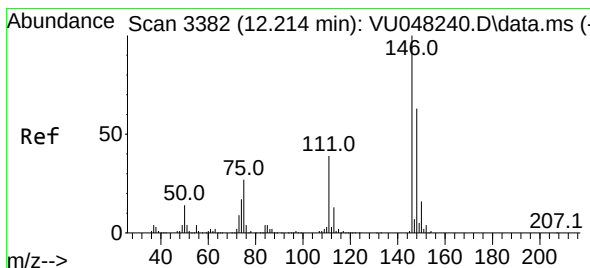
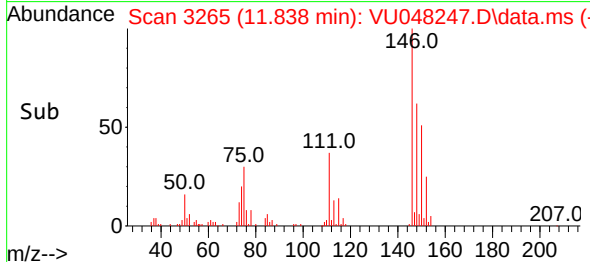
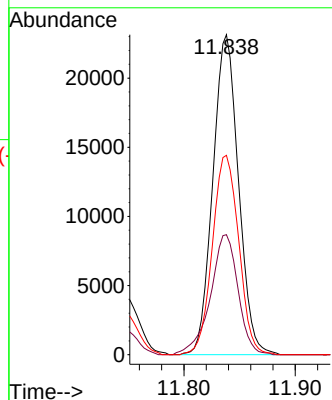
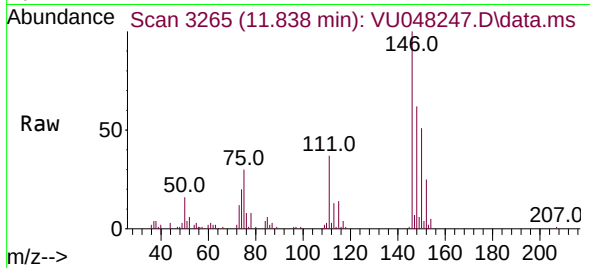
Tgt Ion:146 Resp: 6946
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.7
148 73.1 44.4 82.5





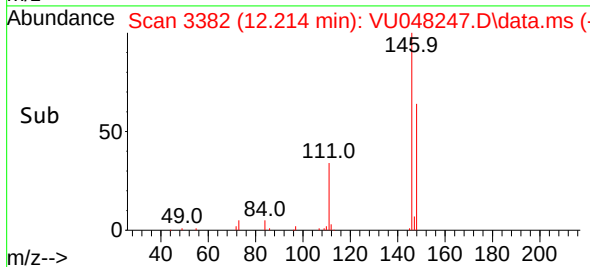
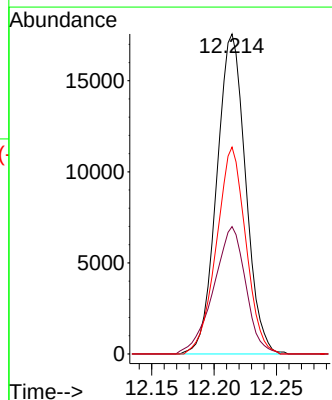
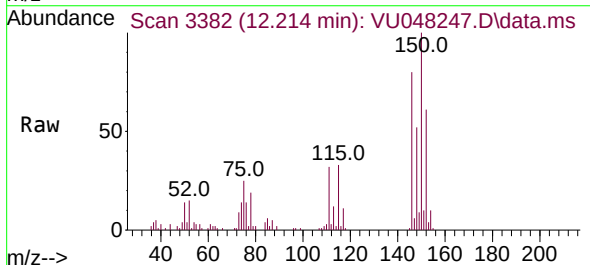
#65
1,4-Dichlorobenzene
Concen: 8.897 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048247.D
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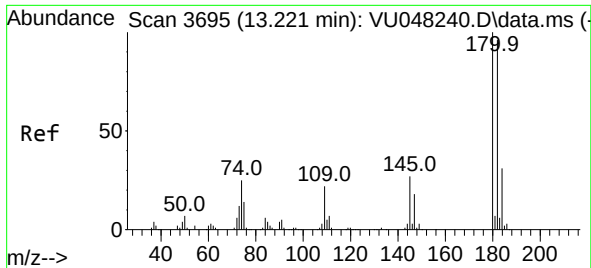
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	25.3	47.1
148	62.3	44.5	82.7



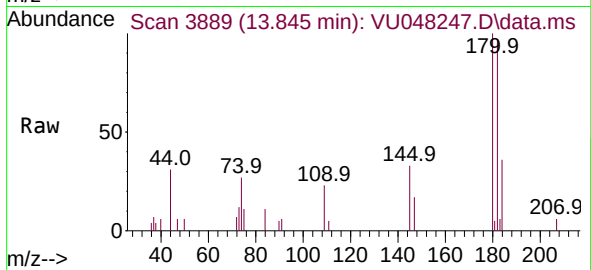
#67
1,2-Dichlorobenzene
Concen: 7.035 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048247.D
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Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.7	47.5
148	64.6	51.4	77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 1.273 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU048247.D
 Acq: 23 Apr 2022 15:38



Tgt Ion:	180	Resp:	4149
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	30.8	24.5	36.7
145	28.9	21.0	31.6

