

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048049.D
 Acq On : 14 Apr 2022 11:48
 Operator : SY/MD
 Sample : N2345-14DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J94DL

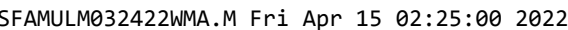
Quant Time: Apr 15 02:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

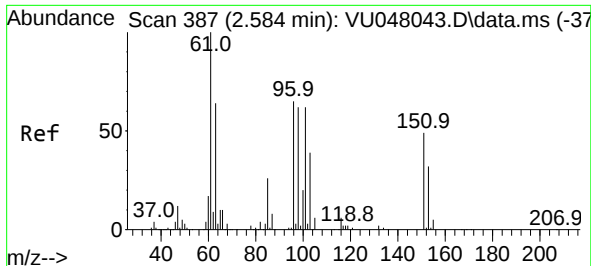
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337543	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101704	41.550	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.100%		
7) Chloroethane-d5	1.915	69	94197	48.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.620%		
11) 1,1-Dichloroethene-d2	2.568	63	138233	30.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.740%		
21) 2-Butanone-d5	4.620	46	191804	91.294	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.290%		
24) Chloroform-d	5.066	84	206341	46.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
26) 1,2-Dichloroethane-d4	5.703	65	136491	49.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.380%		
32) Benzene-d6	5.729	84	418359	46.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
36) 1,2-Dichloropropane-d6	6.693	67	137549	50.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.580%		
41) Toluene-d8	7.899	98	370506	42.702	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.400%		
43) trans-1,3-Dichloroprop...	8.179	79	55161	39.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.620%		
47) 2-Hexanone-d5	8.632	63	134664	84.110	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.110%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209447	44.623	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	162147	50.018	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.040%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1362	0.547	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1154	0.498	ug/L #	1
27) 1,2-Dichloroethane	5.780	62	10933	3.052	ug/L #	75
33) Benzene	5.777	78	1393897	136.068	ug/L	100
37) 1,2-Dichloropropane	6.693	63	14256	5.474	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3159	0.782	ug/L #	64
51) Chlorobenzene	9.446	112	1259439	165.020	ug/L	97
60) 1,2,3-Trichloropropane	11.751	75	2790	0.812	ug/L #	50
64) 1,3-Dichlorobenzene	11.748	146	9550	1.745	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	268536	47.364	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	139702	25.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	7459	1.916	ug/L #	94

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.547 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.007 min

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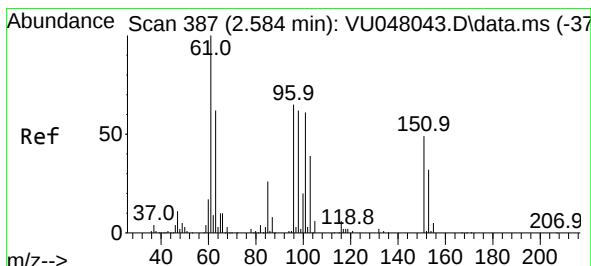
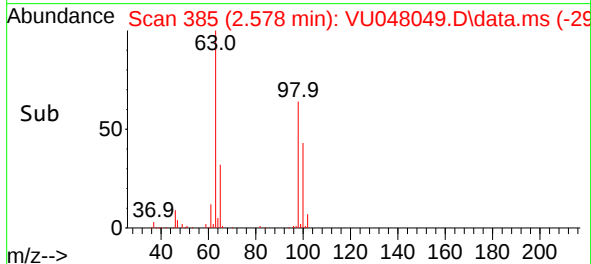
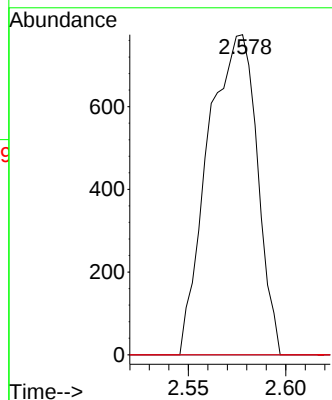
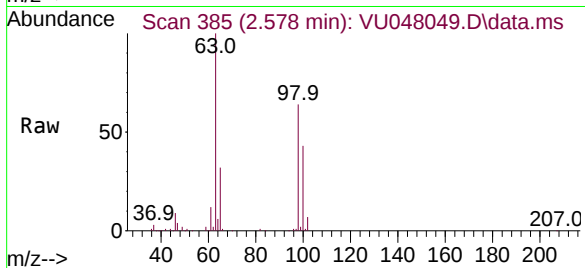
Tgt Ion:101 Resp: 1362

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: 0.498 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

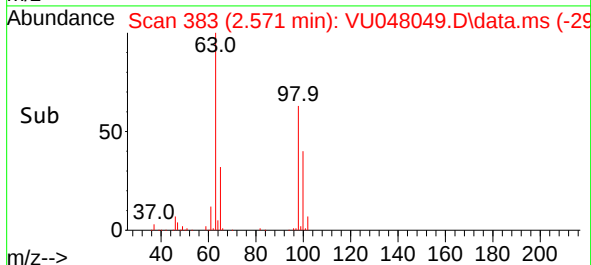
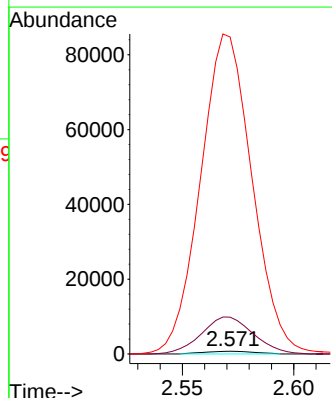
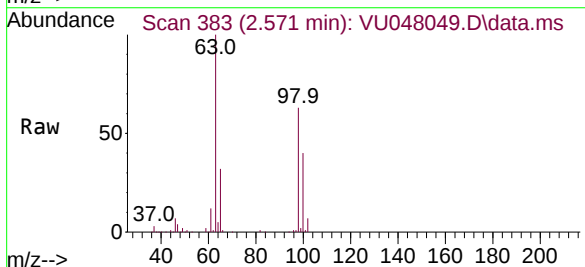
Tgt Ion: 96 Resp: 1154

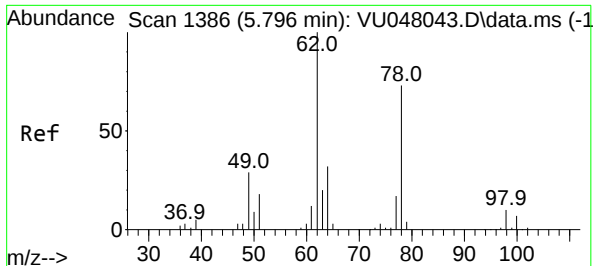
Ion Ratio Lower Upper

96 100

61 1349.1 113.1 210.1#

63 11590.7 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 3.052 ug/L

RT: 5.780 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

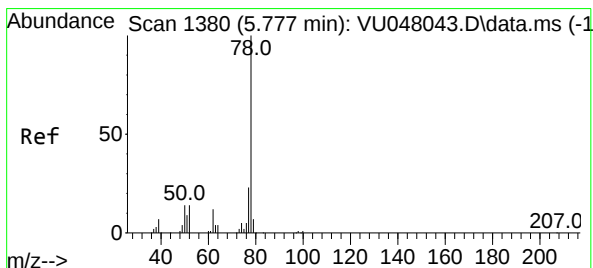
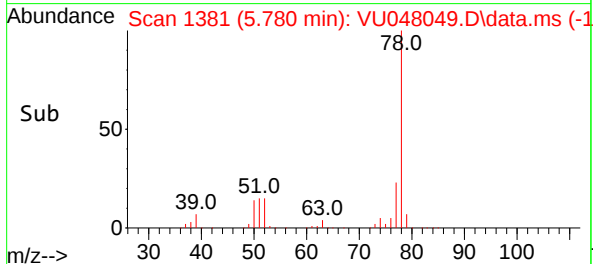
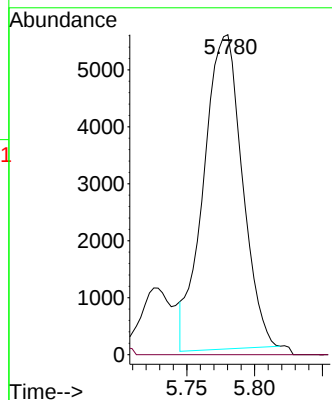
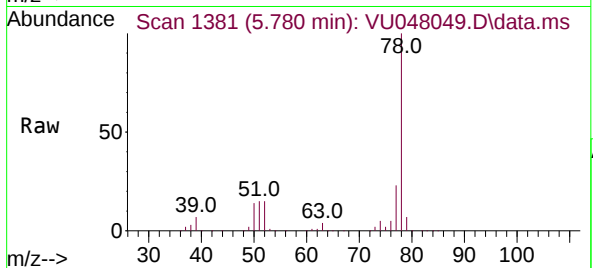
C0J94DL

Tgt Ion: 62 Resp: 10933

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 136.068 ug/L

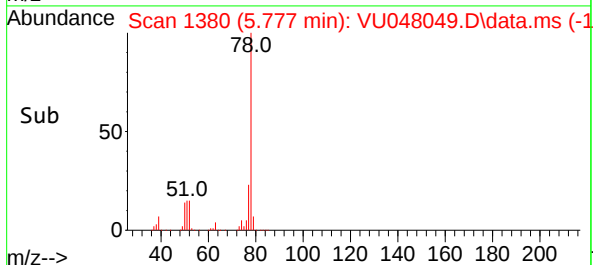
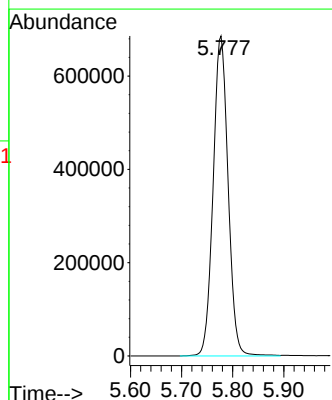
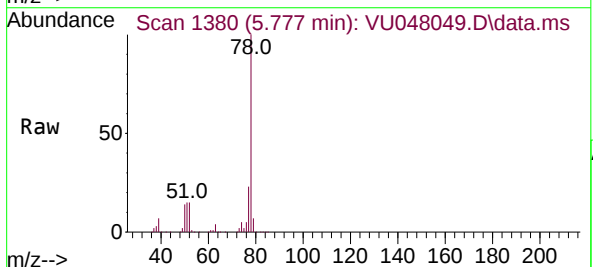
RT: 5.777 min Scan# 1380

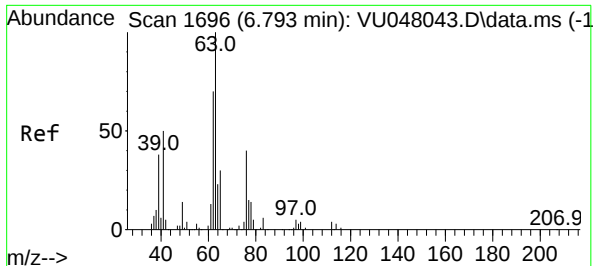
Delta R.T. -0.000 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

Tgt Ion: 78 Resp: 1393897





#37

1,2-Dichloropropane

Concen: 5.474 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

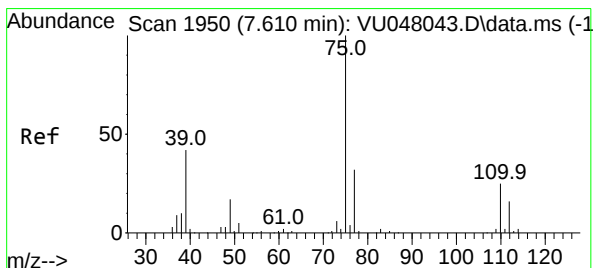
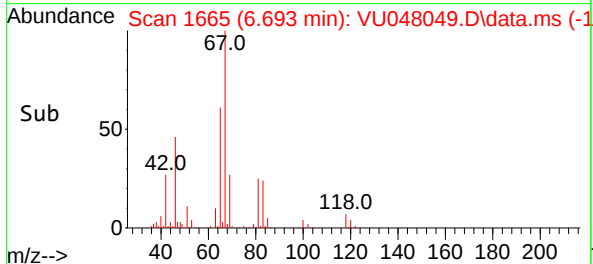
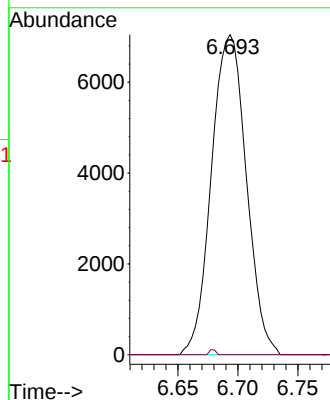
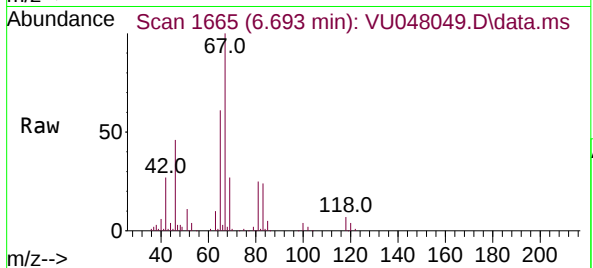
C0J94DL

Tgt Ion: 63 Resp: 14256

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048049.D

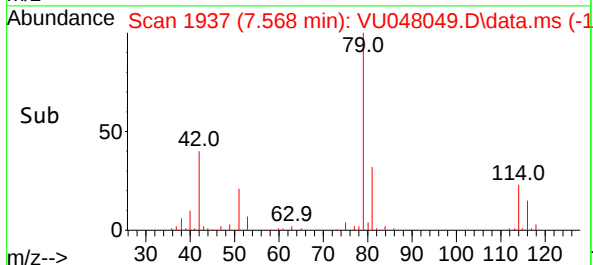
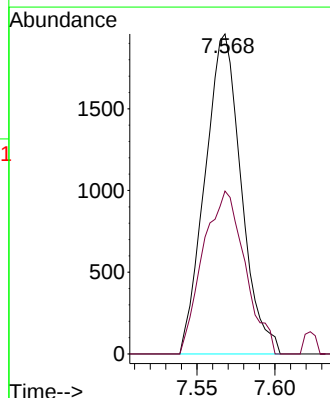
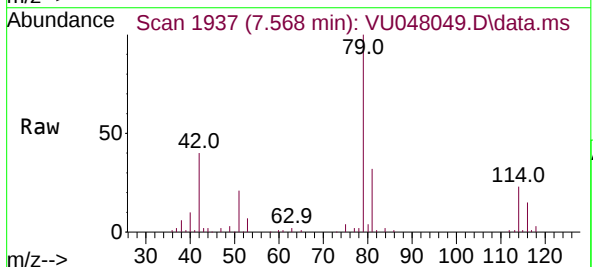
Acq: 14 Apr 2022 11:48

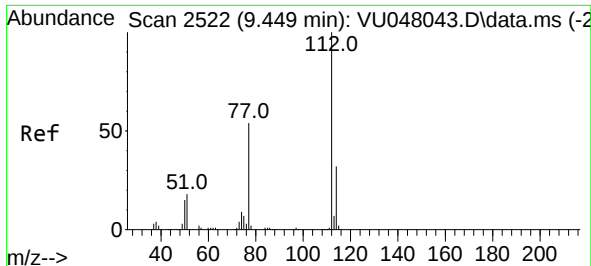
Tgt Ion: 75 Resp: 3159

Ion Ratio Lower Upper

75 100

77 50.9 21.8 40.6#

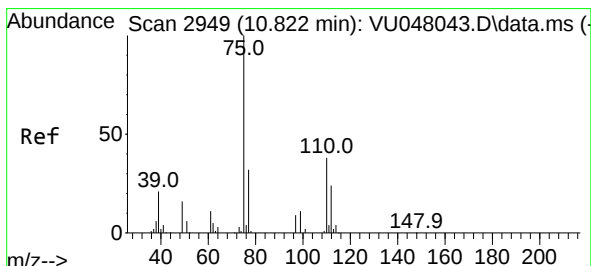
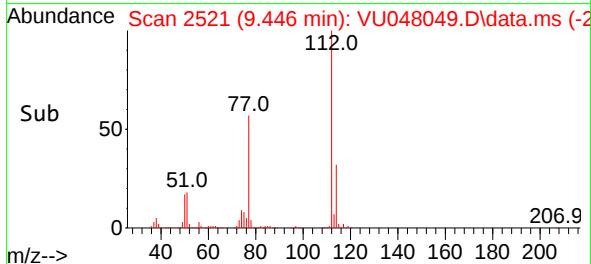
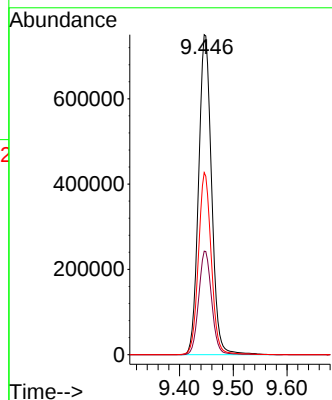
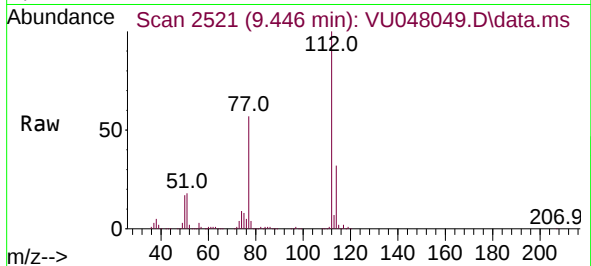




#51
Chlorobenzene
Concen: 165.020 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

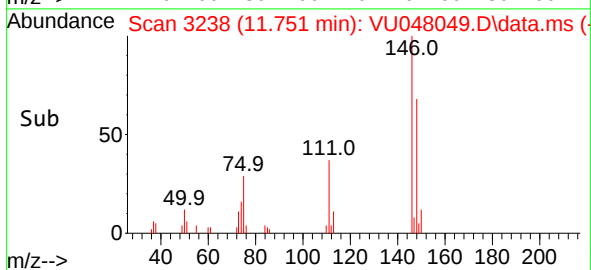
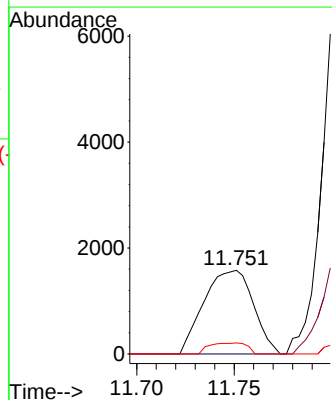
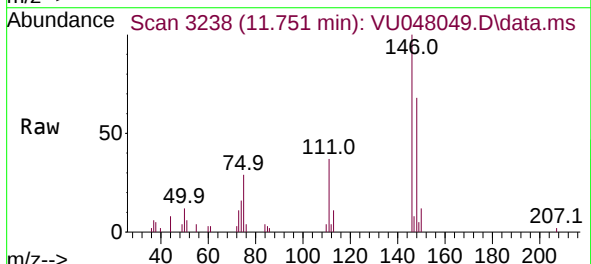
Instrument :
MSVOA_U
ClientSampleId :
C0J94DL

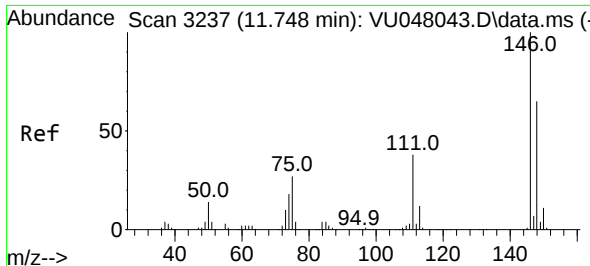
Tgt Ion:112 Resp: 1259439
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.9 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 0.812 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.929 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

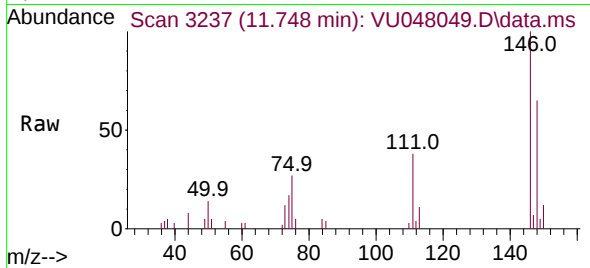
Tgt Ion: 75 Resp: 2790
Ion Ratio Lower Upper
75 100
77 2.9 26.0 39.0#
110 10.0 31.4 47.2#



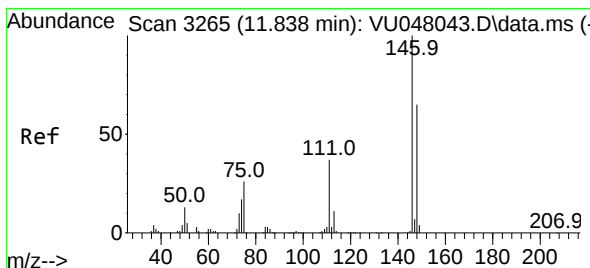
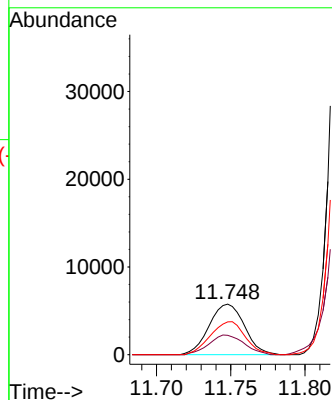
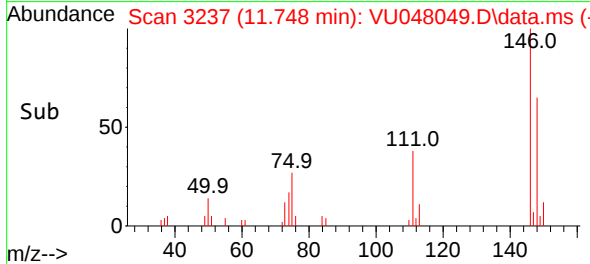


#64
1,3-Dichlorobenzene
Concen: 1.745 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

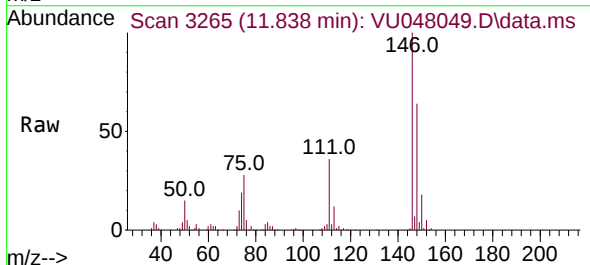
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MSVOA_U
ClientSampleId :
C0J94DL



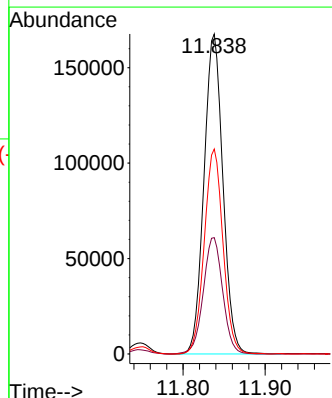
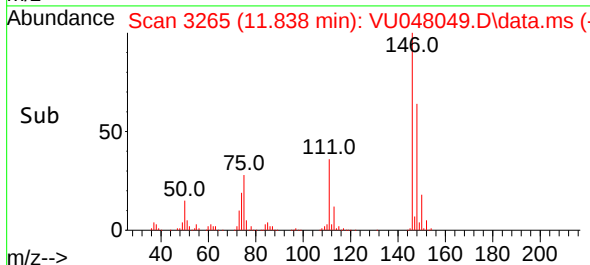
Tgt Ion:146 Resp: 9550
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 64.8 44.4 82.5

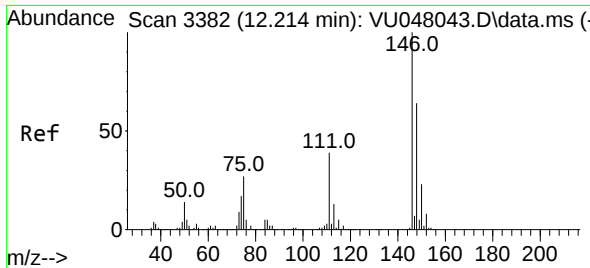


#65
1,4-Dichlorobenzene
Concen: 47.364 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48



Tgt Ion:146 Resp: 268536
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 64.1 44.5 82.7

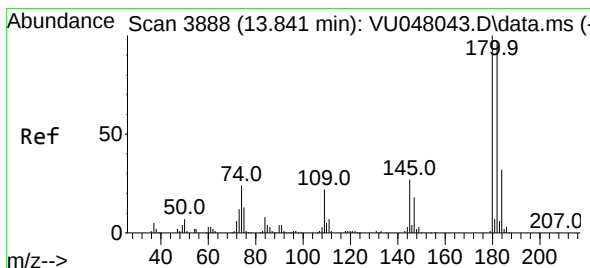
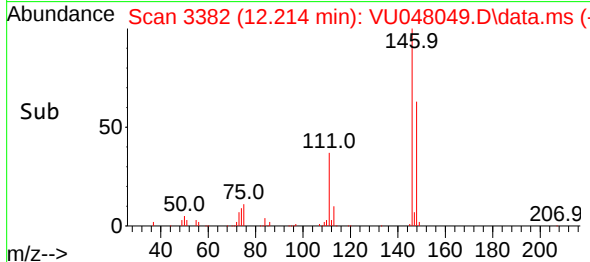
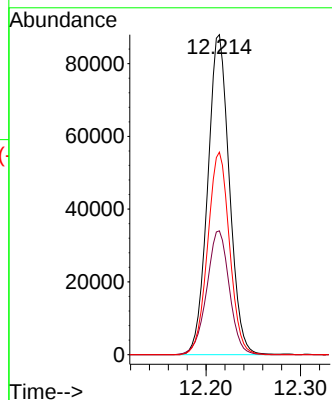
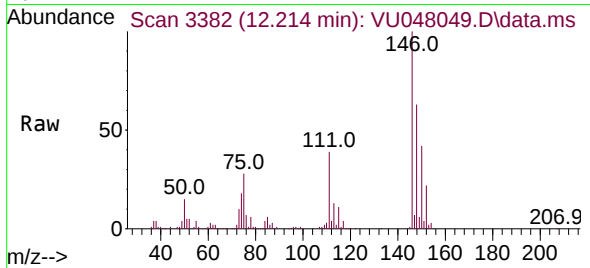




#67
1,2-Dichlorobenzene
Concen: 25.508 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Instrument :
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Tgt Ion:146 Resp: 139702
Ion Ratio Lower Upper
146 100
111 38.7 31.7 47.5
148 63.3 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 1.916 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Tgt Ion:180 Resp: 7459
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 14.4 21.8 32.8#

