

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048061.D
 Acq On : 14 Apr 2022 16:21
 Operator : SY/MD
 Sample : N2387-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J56

Quant Time: Apr 15 02:27:37 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)

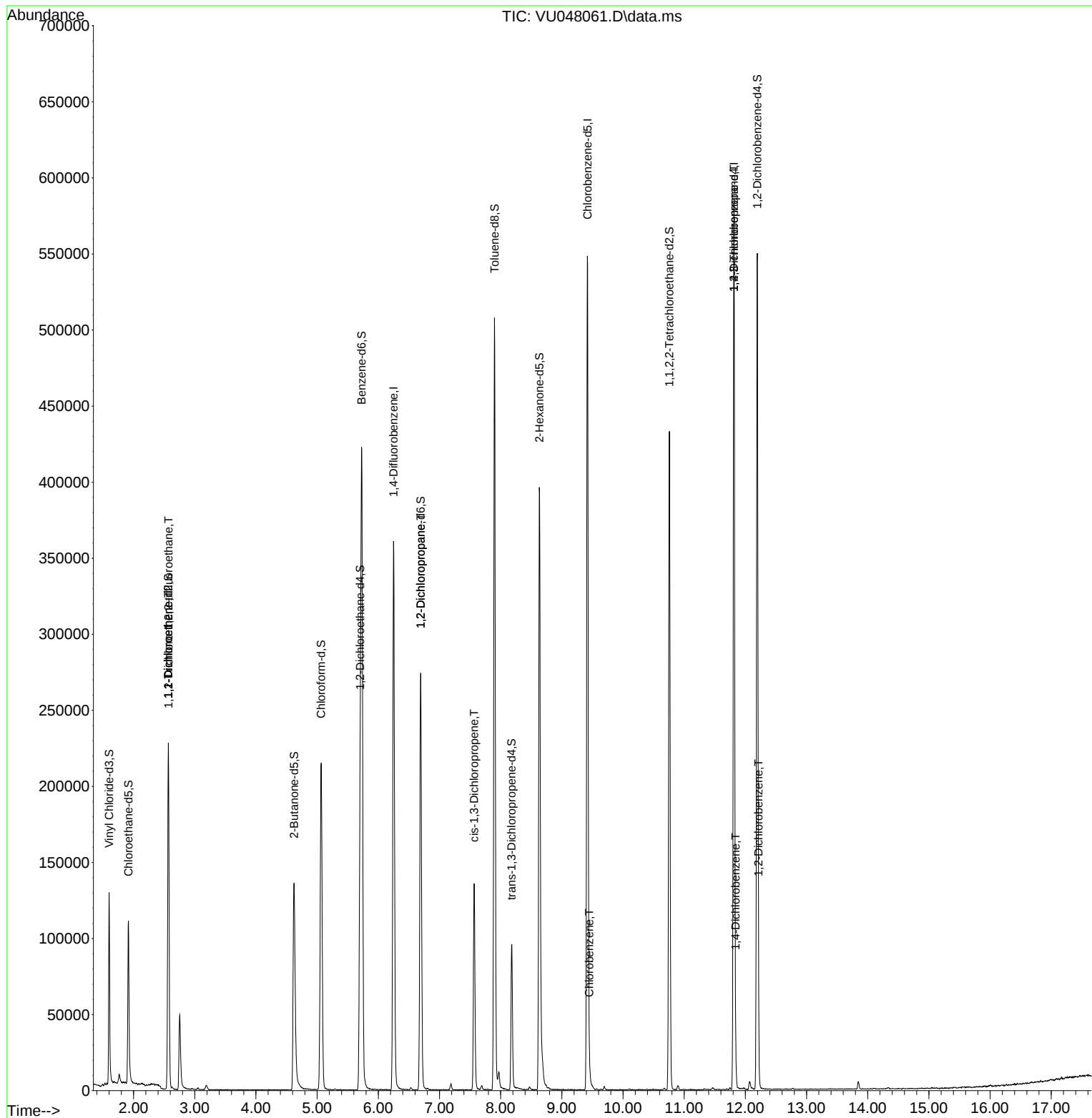
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306745	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	326949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93662	42.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.220%		
7) Chloroethane-d5	1.916	69	88035	50.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.380%		
11) 1,1-Dichloroethene-d2	2.568	63	128669	31.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.240%		
21) 2-Butanone-d5	4.623	46	197243	103.309	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.310%		
24) Chloroform-d	5.067	84	204072	50.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.280%		
26) 1,2-Dichloroethane-d4	5.703	65	131200	52.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.120%		
32) Benzene-d6	5.729	84	400784	48.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.440%		
36) 1,2-Dichloropropane-d6	6.694	67	134627	53.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.560%		
41) Toluene-d8	7.899	98	346624	43.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.480%		
43) trans-1,3-Dichloroprop...	8.179	79	54285	42.410	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.820%		
47) 2-Hexanone-d5	8.632	63	140267	94.835	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.840%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216451	49.919	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.840%		
66) 1,2-Dichlorobenzene-d4	12.195	152	154734	51.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1283	0.567	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1083	0.515	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13663	5.679	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2995	0.802	ug/L #	56
51) Chlorobenzene	9.449	112	4966	0.704	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	19268	6.088	ug/L #	62
65) 1,4-Dichlorobenzene	11.838	146	7593	1.454	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	4334	0.859	ug/L	89

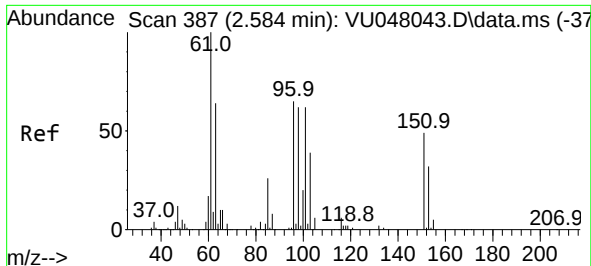
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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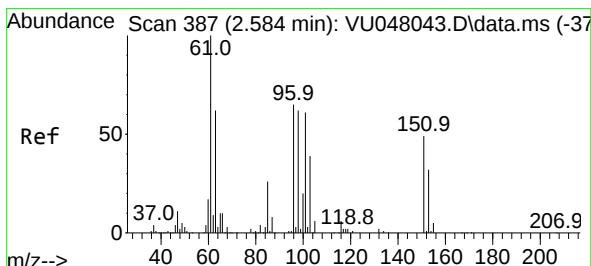
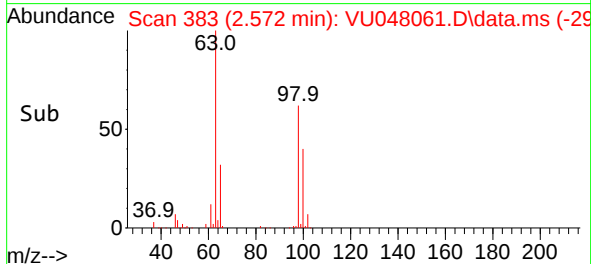
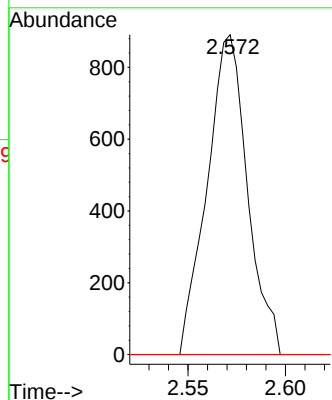
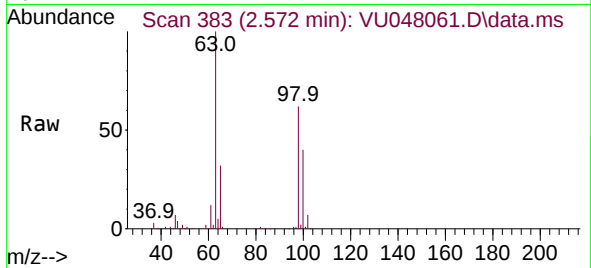




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048061.D
Acq: 14 Apr 2022 16:21

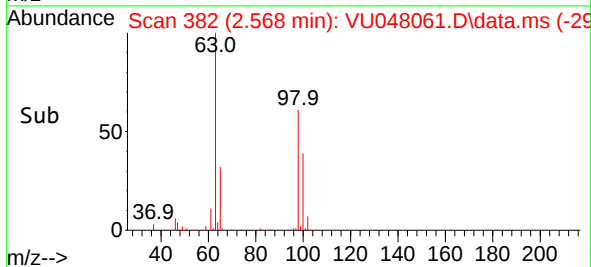
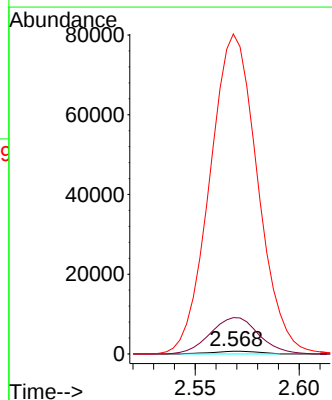
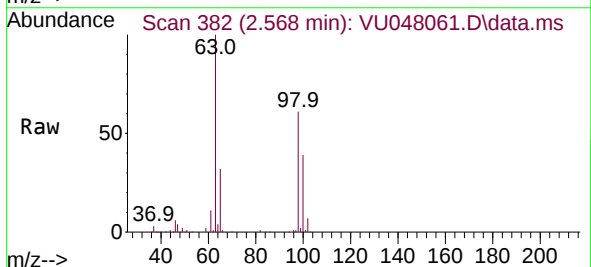
Instrument :
MSVOA_U
ClientSampleId :
C0J56

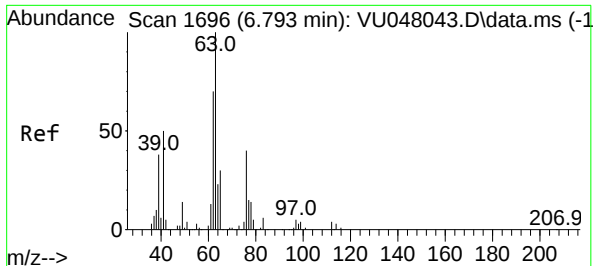
Tgt Ion: 101 Resp: 1283
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.515 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048061.D
Acq: 14 Apr 2022 16:21

Tgt Ion: 96 Resp: 1083
Ion Ratio Lower Upper
96 100
61 1308.0 113.1 210.1#
63 11516.8 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.679 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048061.D

Acq: 14 Apr 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

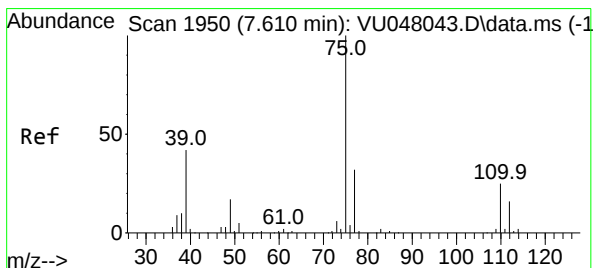
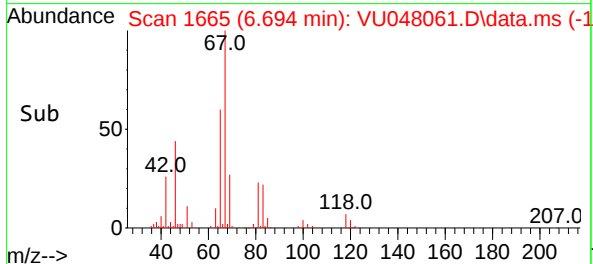
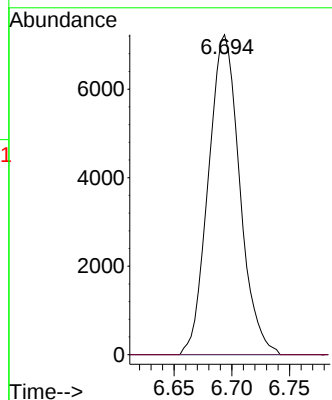
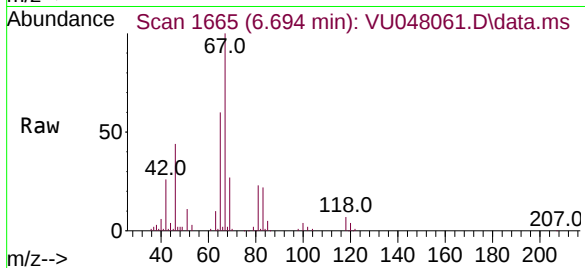
C0J56

Tgt Ion: 63 Resp: 13663

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048061.D

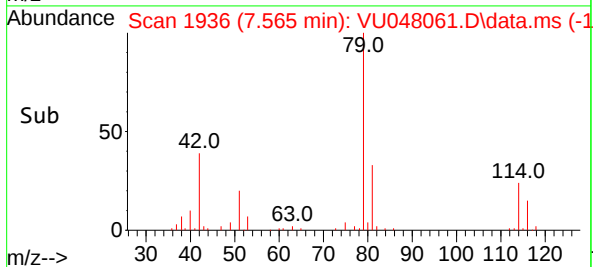
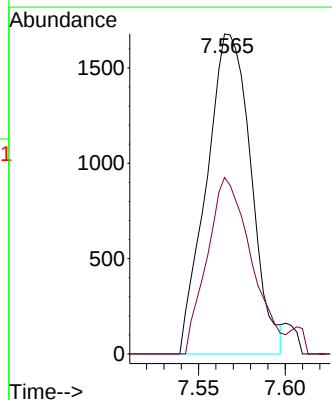
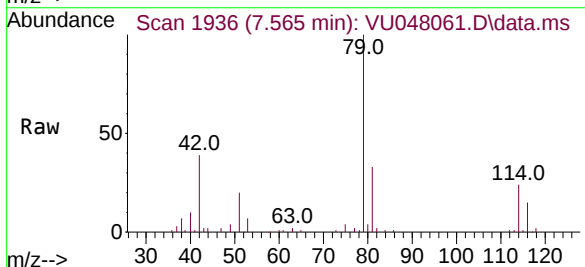
Acq: 14 Apr 2022 16:21

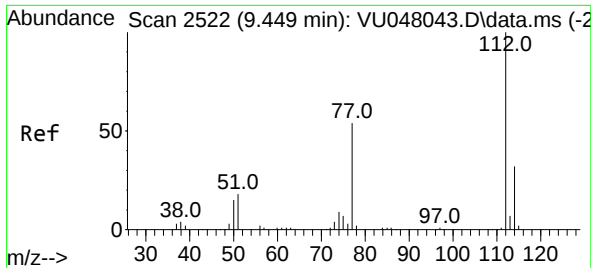
Tgt Ion: 75 Resp: 2995

Ion Ratio Lower Upper

75 100

77 55.2 21.8 40.6#

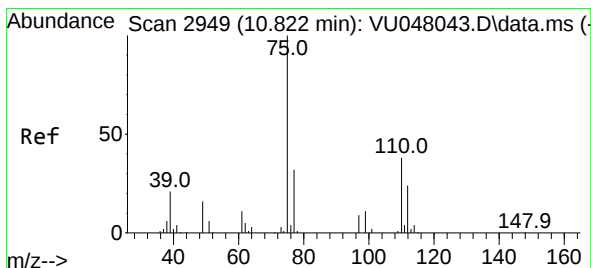
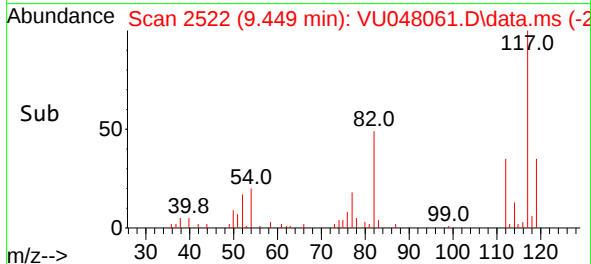
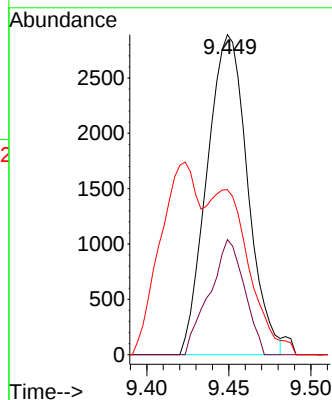
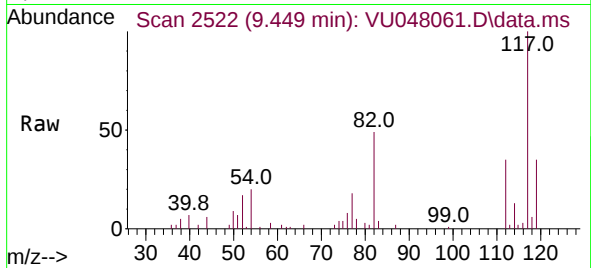




#51
Chlorobenzene
Concen: 0.704 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048061.D
Acq: 14 Apr 2022 16:21

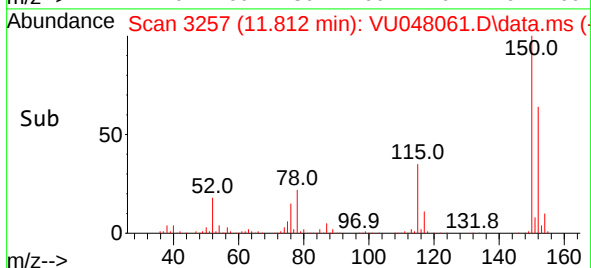
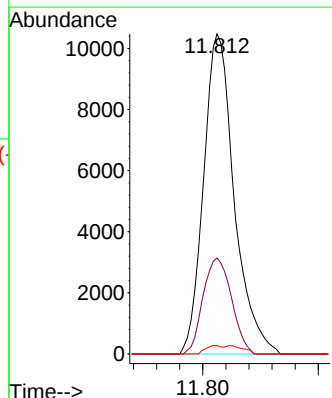
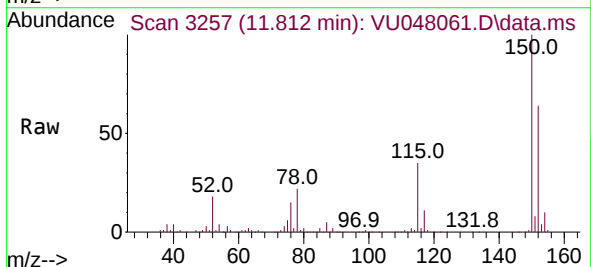
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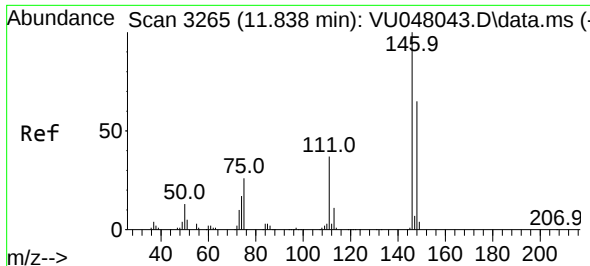
Tgt Ion	Ratio	Lower	Upper
112	100		
114	40.4	22.1	41.1
77	51.5	43.4	65.0



#60
1,2,3-Trichloropropane
Concen: 6.088 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048061.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	27.8	26.0	39.0
110	1.5	31.4	47.2

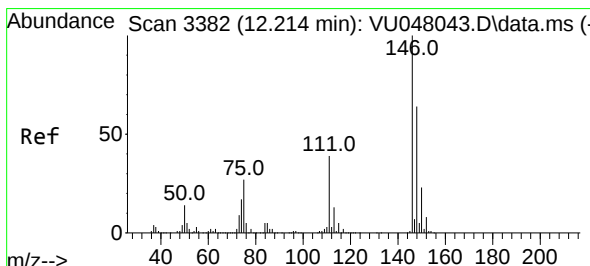
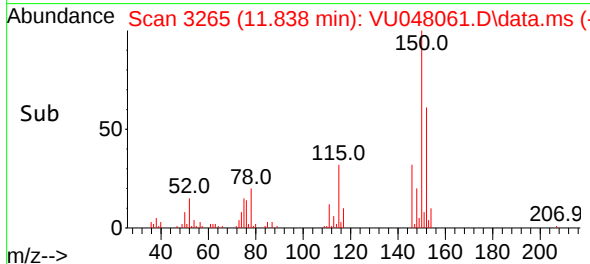
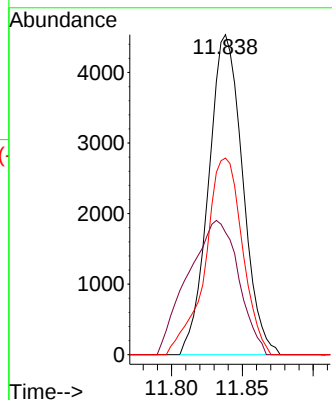
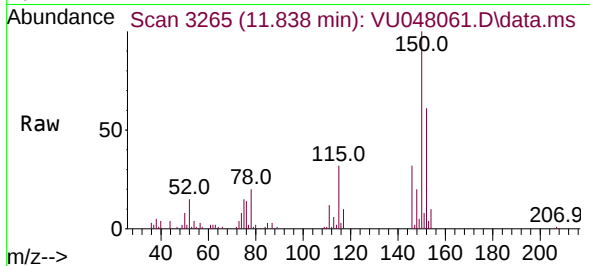




#65
1,4-Dichlorobenzene
Concen: 1.454 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048061.D
Acq: 14 Apr 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
C0J56

Tgt Ion:146 Resp: 7593
Ion Ratio Lower Upper
146 100
111 38.2 25.3 47.1
148 61.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.859 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048061.D
Acq: 14 Apr 2022 16:21

Tgt Ion:146 Resp: 4334
Ion Ratio Lower Upper
146 100
111 47.1 31.7 47.5
148 72.7 51.4 77.2

