

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048250.D
 Acq On : 23 Apr 2022 16:49
 Operator : SY/MD
 Sample : N2488-09DL 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 25 01:27:08 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

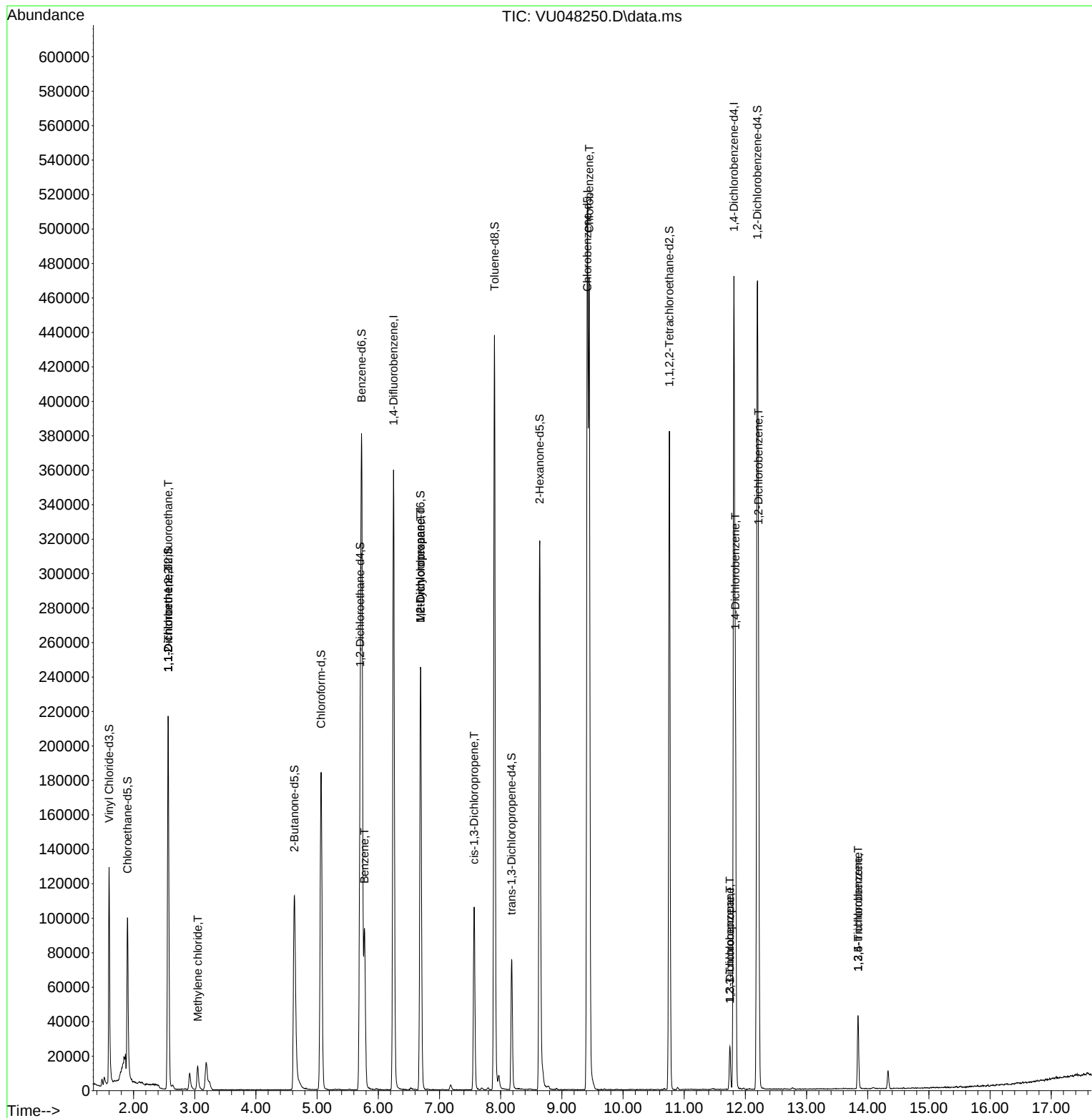
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

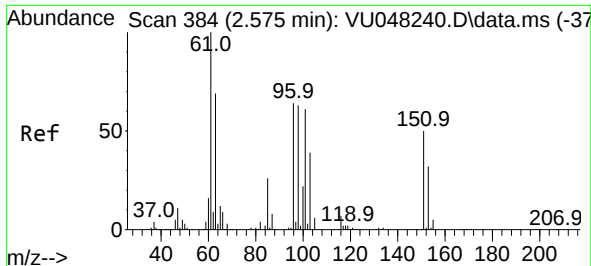
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305934	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	299112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103343	46.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.900	69	80167	45.828	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.660%
11) 1,1-Dichloroethene-d2	2.565	63	124425	30.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.300%
21) 2-Butanone-d5	4.626	46	166664	87.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.520%
24) Chloroform-d	5.064	84	176858	43.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
26) 1,2-Dichloroethane-d4	5.703	65	112562	45.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.729	84	364616	48.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.690	67	122118	52.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.660%
41) Toluene-d8	7.899	98	299595	40.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	8.179	79	42971	36.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.400%
47) 2-Hexanone-d5	8.636	63	105518	77.981	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	192801	48.603	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	117703	50.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.260%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1223	0.542	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1012	0.482	ug/L #	1
16) Methylene chloride	3.047	84	7635	3.170	ug/L	98
33) Benzene	5.774	78	89931	10.387	ug/L	100
35) Methylcyclohexane	6.690	83	27366	7.925	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	12560	5.707	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2446	0.716	ug/L #	48
51) Chlorobenzene	9.446	112	253324	39.274	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	3010	1.210	ug/L #	43
64) 1,3-Dichlorobenzene	11.748	146	11082	2.795	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	90829	22.120	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	104212	26.272	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	15042	4.672	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	15042	5.334	ug/L	99

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

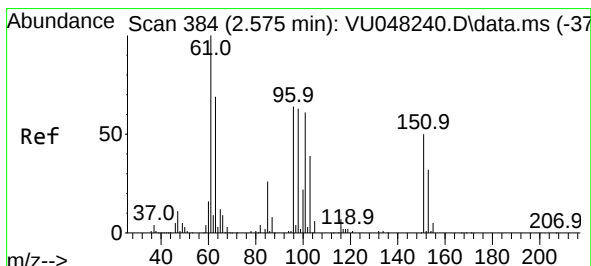
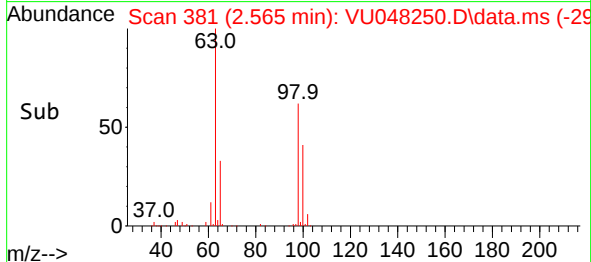
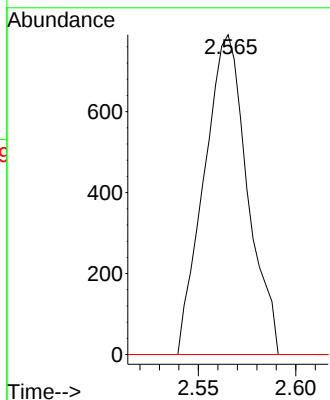
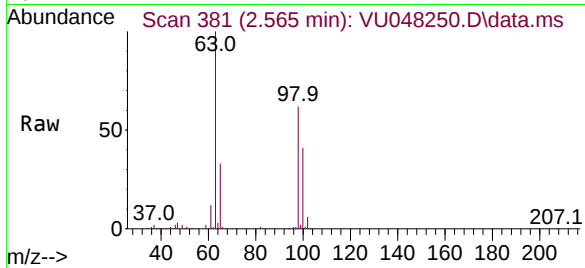
Quant Time: Apr 25 01:27:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
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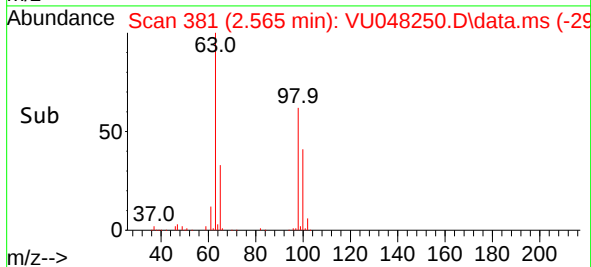
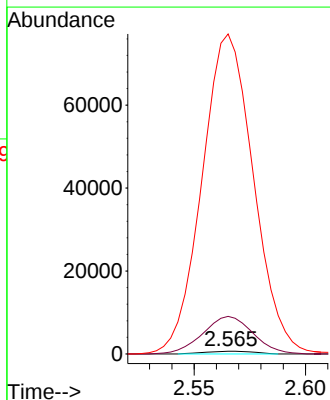
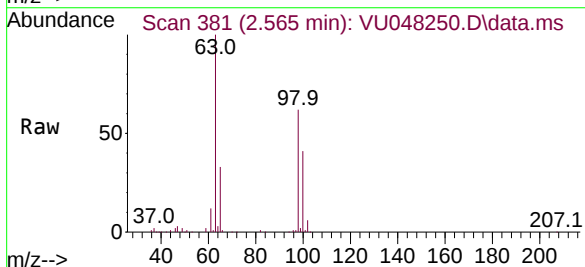
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.542 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.009 min
 Lab File: VU048250.D
 Acq: 23 Apr 2022 16:49

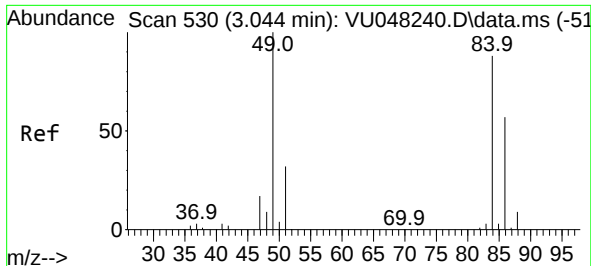
Tgt Ion: 101 Resp: 1223
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.482 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.009 min
 Lab File: VU048250.D
 Acq: 23 Apr 2022 16:49

Tgt Ion: 96 Resp: 1012
 Ion Ratio Lower Upper
 96 100
 61 1389.0 113.1 210.1#
 63 11836.8 94.8 176.0#

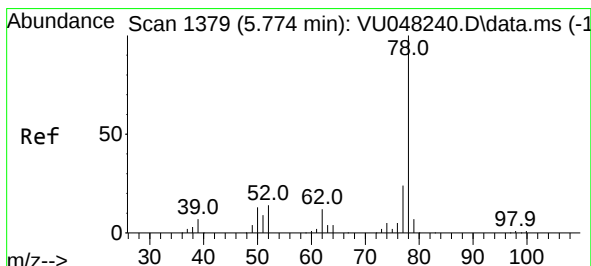
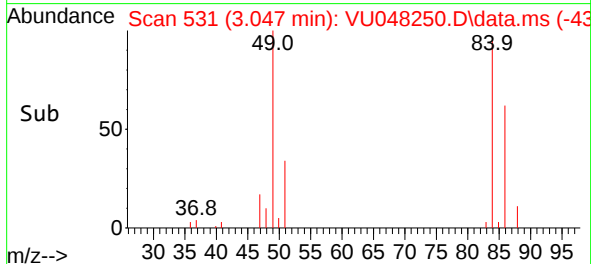
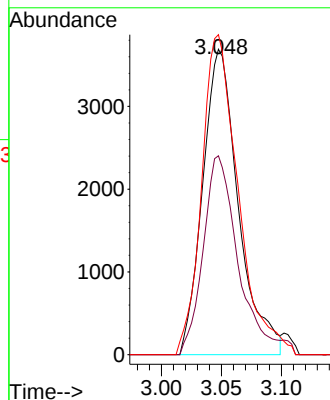
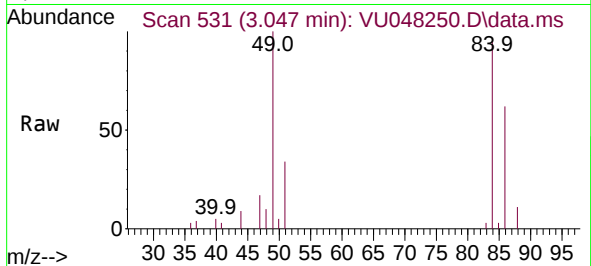




#16
Methylene chloride
Concen: 3.170 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

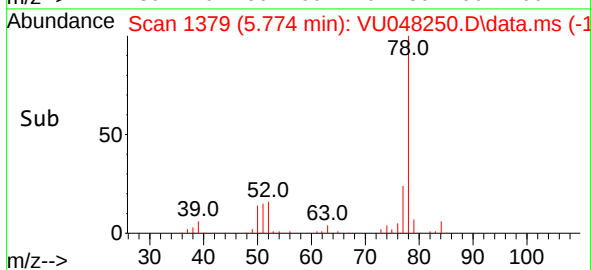
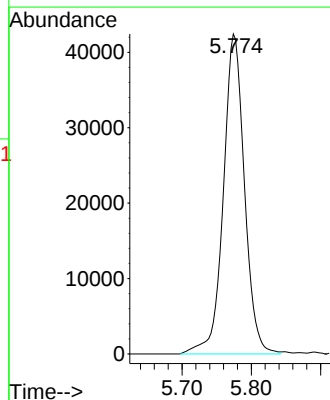
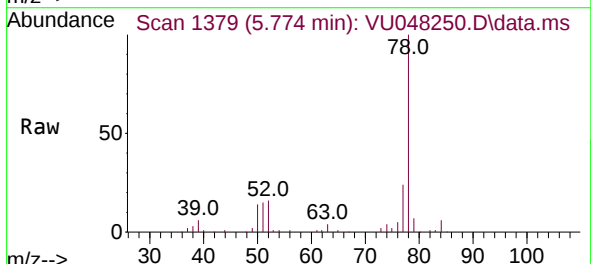
Tgt Ion: 84 Resp: 7635

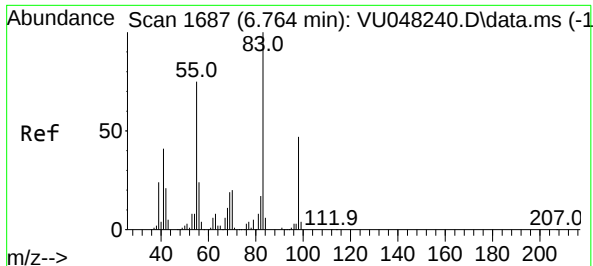
Ion	Ratio	Lower	Upper
84	100		
86	65.1	46.0	85.4
49	104.8	75.3	139.8



#33
Benzene
Concen: 10.387 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

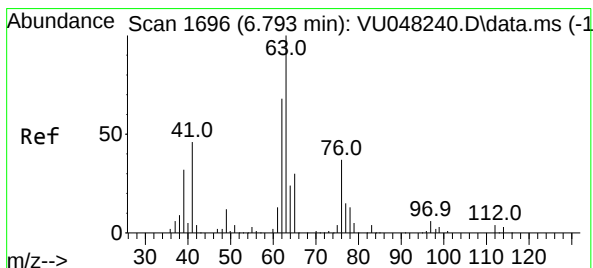
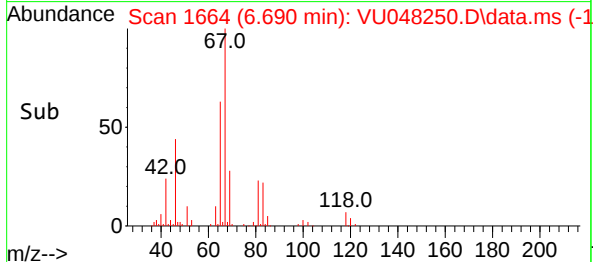
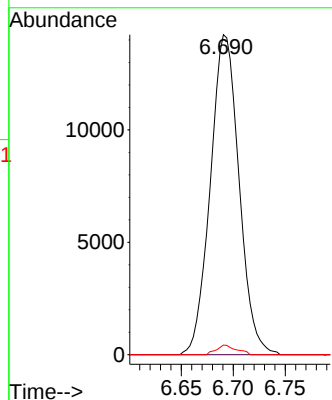
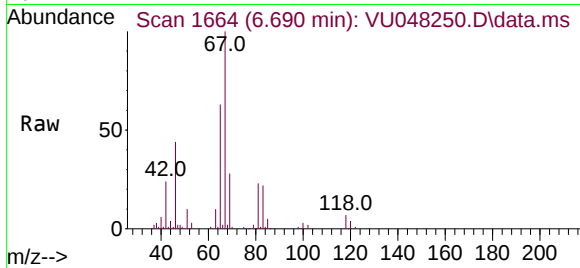
Tgt Ion: 78 Resp: 89931





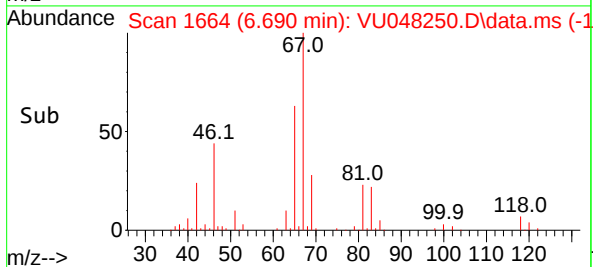
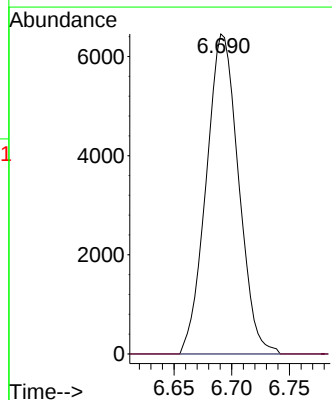
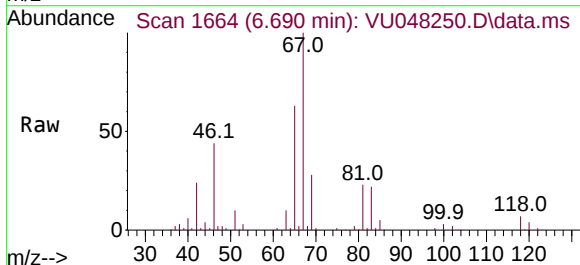
#35
Methylcyclohexane
Concen: 7.925 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

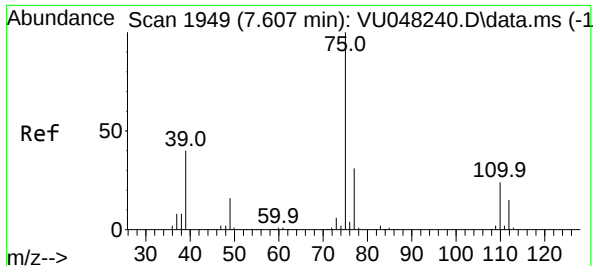
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	2.1	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 5.707 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

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

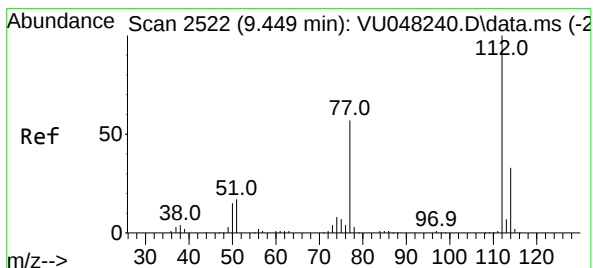
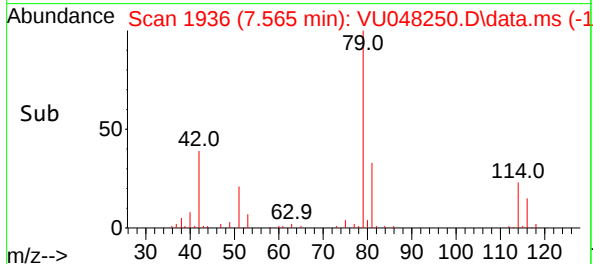
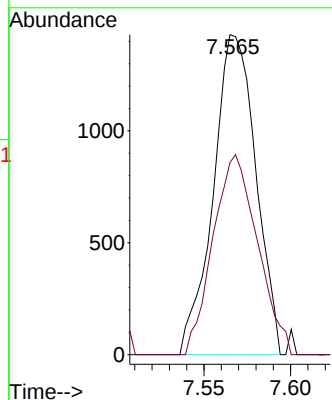
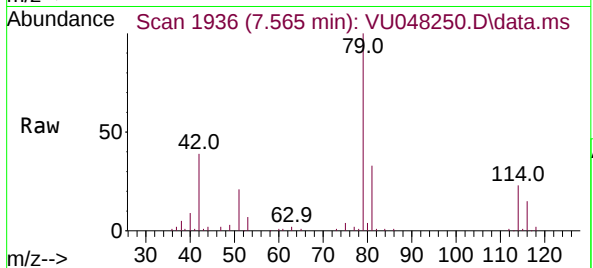




#39

cis-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

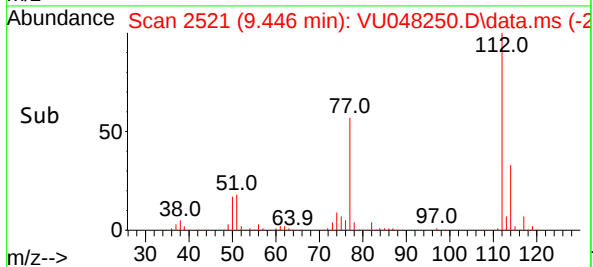
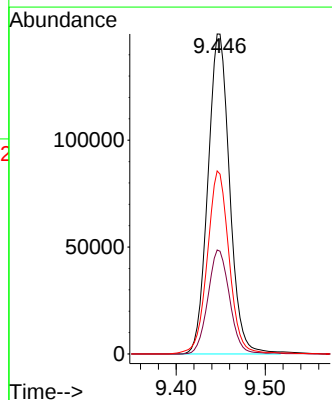
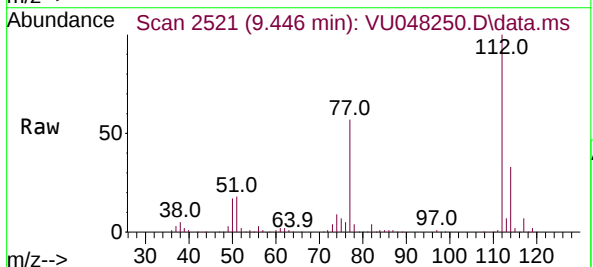
Tgt Ion: 75 Resp: 2446
Ion Ratio Lower Upper
75 100
77 60.1 21.8 40.6#

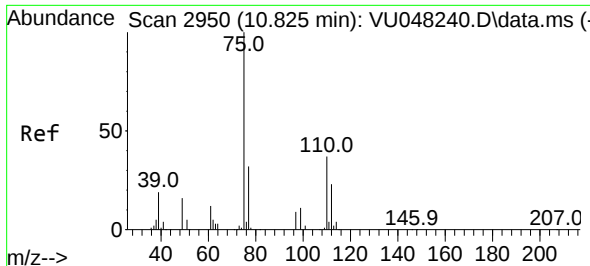


#51

Chlorobenzene
Concen: 39.274 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

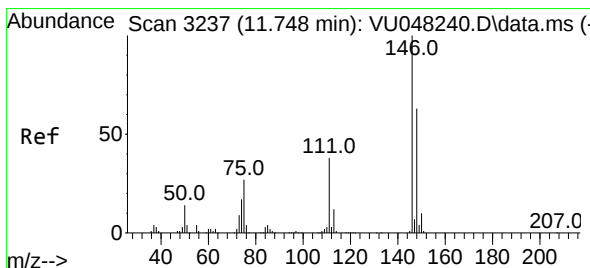
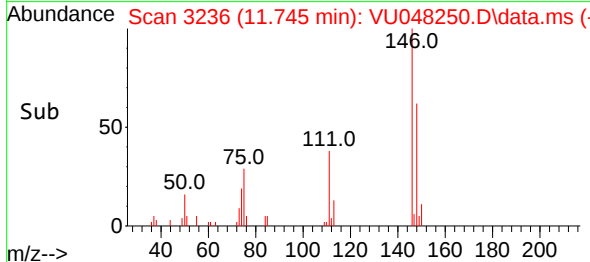
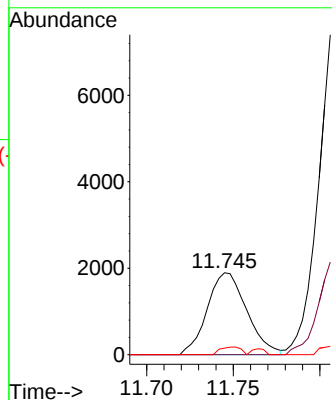
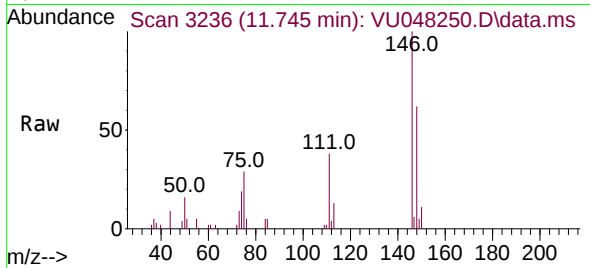
Tgt Ion: 112 Resp: 253324
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 57.2 43.4 65.0





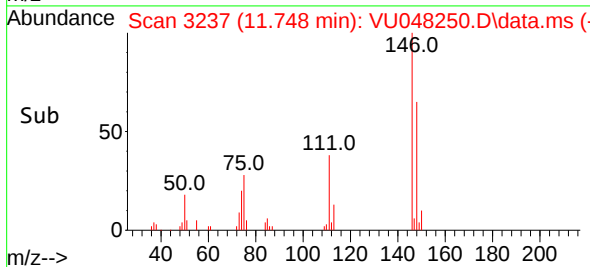
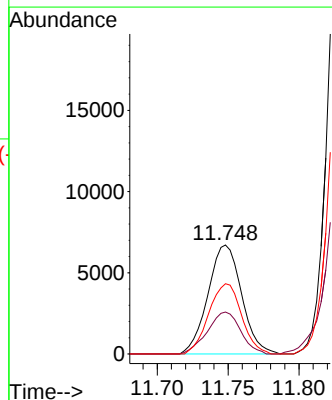
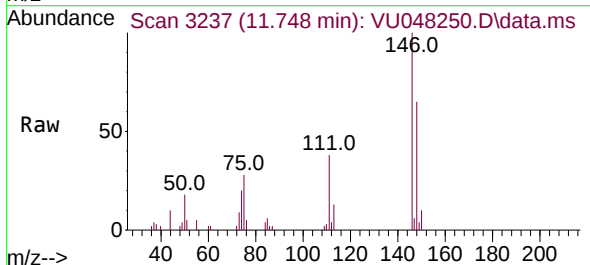
#60
1,2,3-Trichloropropane
Concen: 1.210 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.920 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

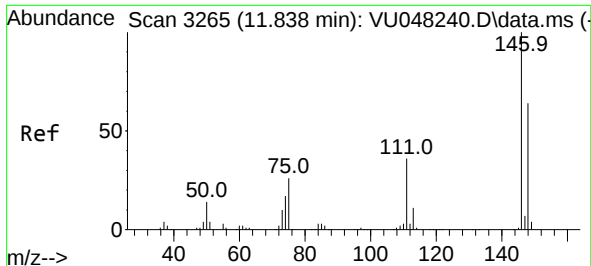
Tgt Ion: 75 Resp: 3010
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 4.9 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 2.795 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

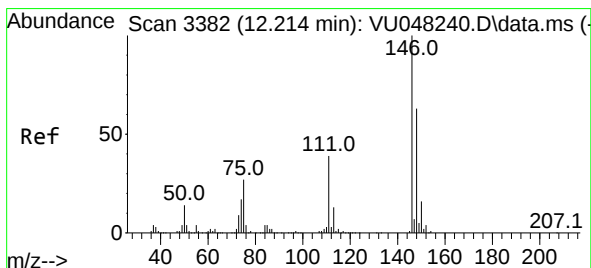
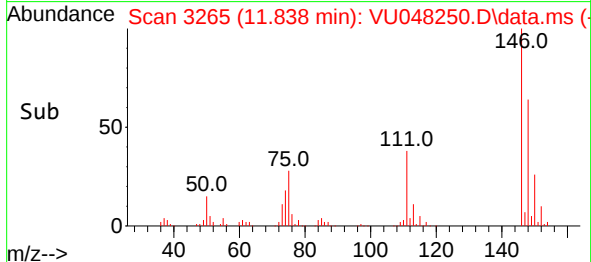
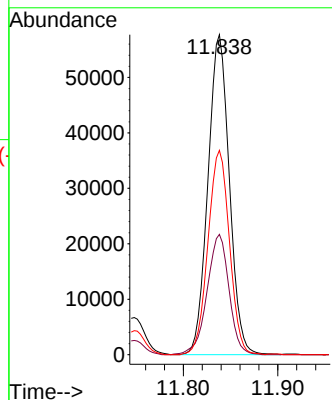
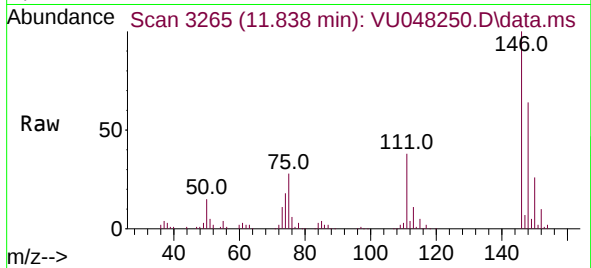
Tgt Ion:146 Resp: 11082
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 64.5 44.4 82.5





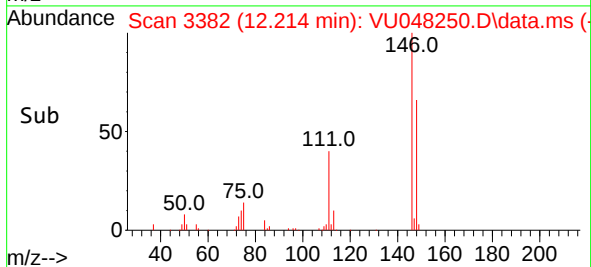
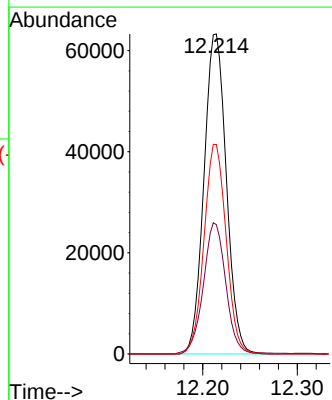
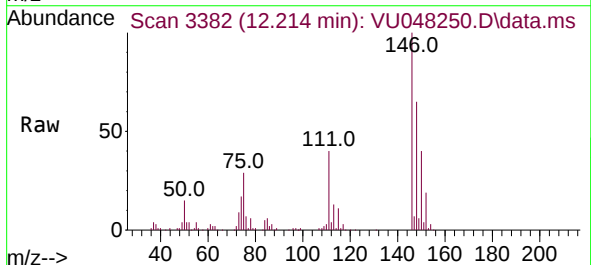
#65
1,4-Dichlorobenzene
Concen: 22.120 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

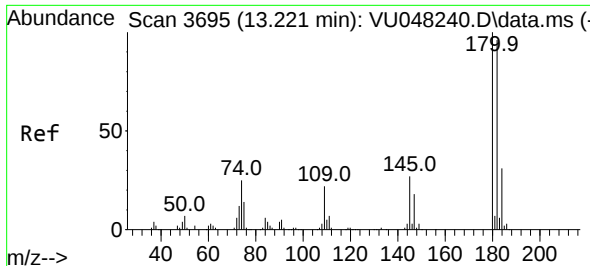
Tgt Ion:146 Resp: 90829
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 63.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 26.272 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

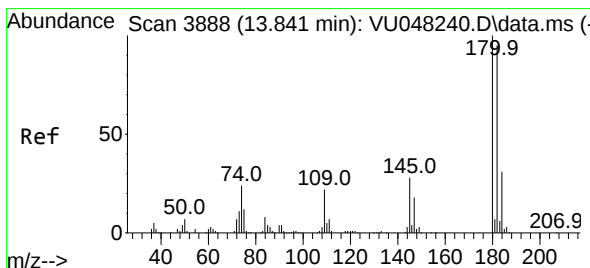
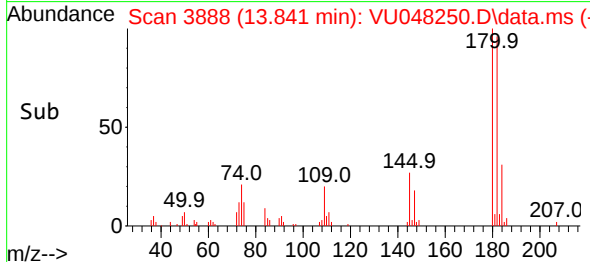
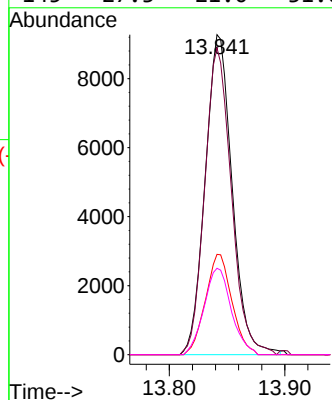
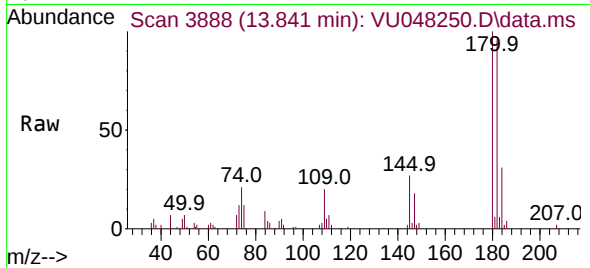
Tgt Ion:146 Resp: 104212
Ion Ratio Lower Upper
146 100
111 40.4 31.7 47.5
148 65.5 51.4 77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 4.672 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048250.D
 Acq: 23 Apr 2022 16:49

Tgt Ion:	180	Resp:	15042
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.0	115.6
184	30.7	24.5	36.7
145	27.3	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.334 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048250.D
 Acq: 23 Apr 2022 16:49

Tgt Ion:	180	Resp:	15042
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.2	114.2
145	27.3	21.8	32.8

