

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048183.D
 Acq On : 21 Apr 2022 19:15
 Operator : SY/MD
 Sample : N2486-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J34

Quant Time: Apr 22 01:53:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

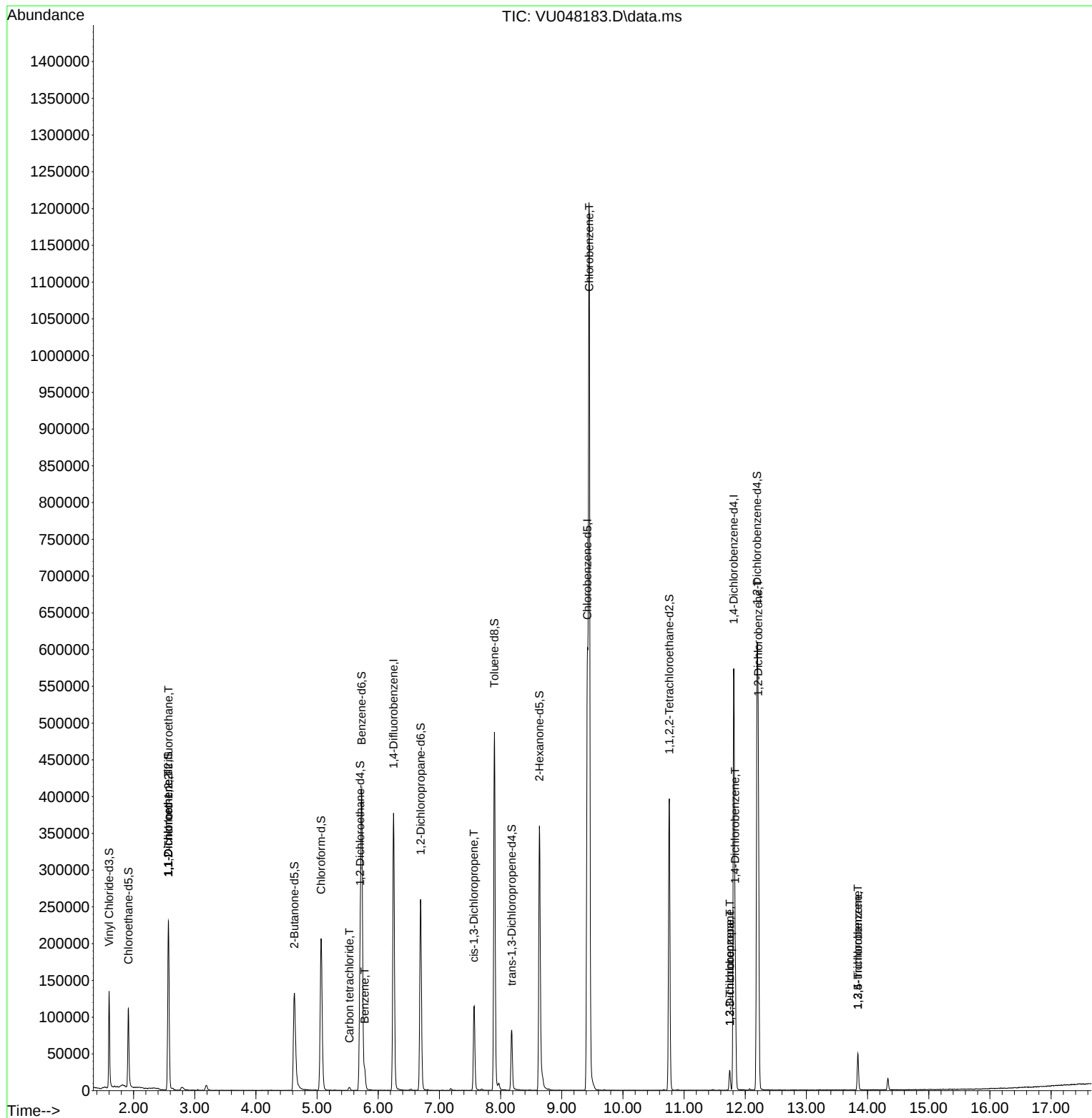
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	98757	42.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.980%		
7) Chloroethane-d5	1.916	69	84691	46.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.420%		
11) 1,1-Dichloroethene-d2	2.568	63	134024	31.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.040%		
21) 2-Butanone-d5	4.629	46	182219	91.345	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.340%		
24) Chloroform-d	5.067	84	194161	45.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.320%		
26) 1,2-Dichloroethane-d4	5.703	65	122509	46.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.940%		
32) Benzene-d6	5.729	84	394122	45.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
36) 1,2-Dichloropropane-d6	6.694	67	130726	49.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.860%		
41) Toluene-d8	7.899	98	331315	39.488	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.980%#		
43) trans-1,3-Dichloroprop...	8.182	79	47563	35.498	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.000%		
47) 2-Hexanone-d5	8.636	63	122459	79.097	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.100%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201571	44.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.820%		
66) 1,2-Dichlorobenzene-d4	12.195	152	145498	50.017	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-...	2.571	101	1417	0.600	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1128	0.513	ug/L #	1
31) Carbon tetrachloride	5.526	117	2769	0.790	ug/L	94
33) Benzene	5.777	78	24468	2.470	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	2511	0.643	ug/L #	49
51) Chlorobenzene	9.449	112	681508	92.343	ug/L	98
60) 1,2,3-Trichloropropane	11.748	75	3227	1.047	ug/L #	41
64) 1,3-Dichlorobenzene	11.748	146	12017	2.447	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	67534	13.275	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	172720	35.144	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	17085	4.283	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	17085	4.890	ug/L	99

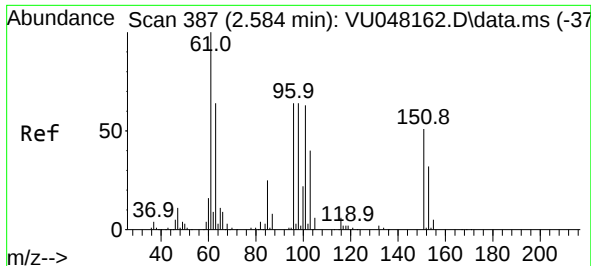
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.600 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU048183.D

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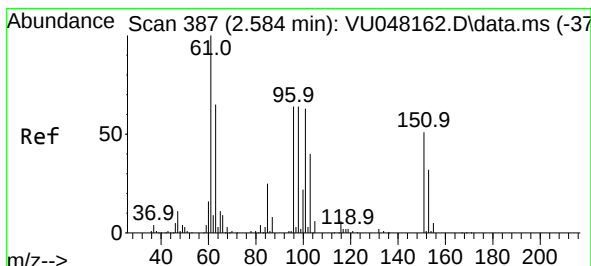
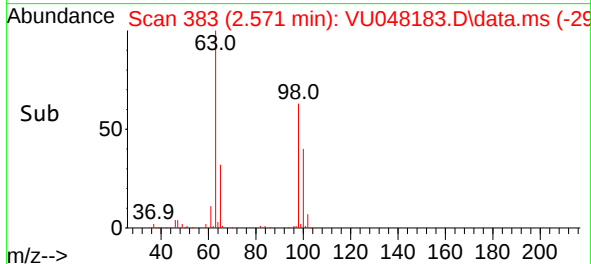
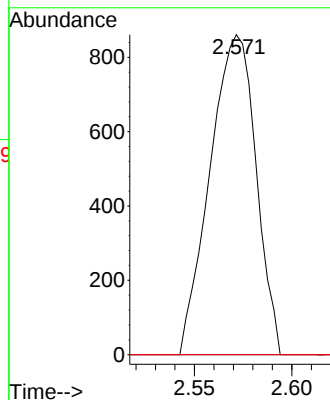
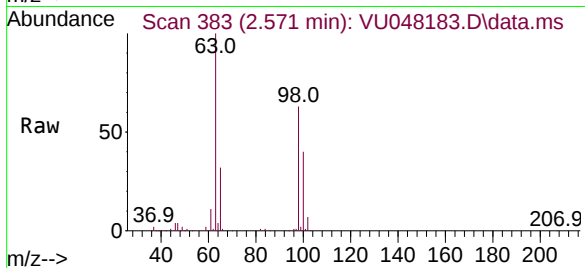
Tgt Ion:101 Resp: 1417

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: 0.513 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048183.D

Acq: 21 Apr 2022 19:15

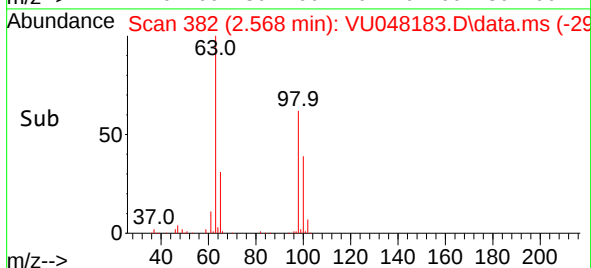
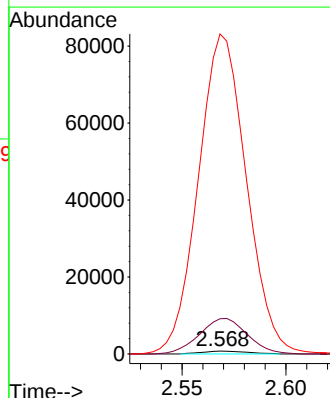
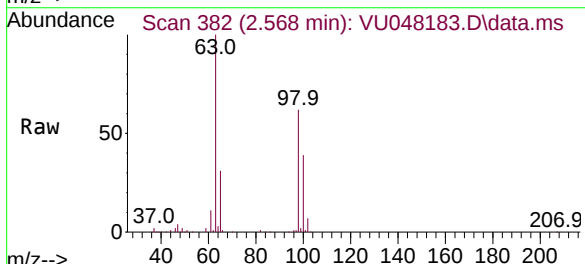
Tgt Ion: 96 Resp: 1128

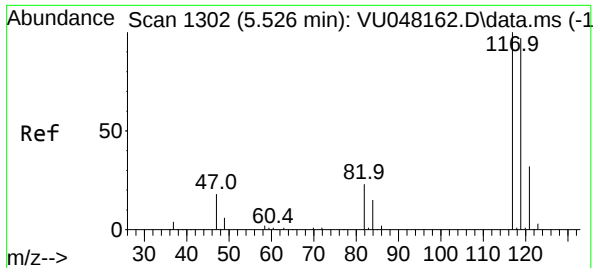
Ion Ratio Lower Upper

96 100

61 1215.8 113.1 210.1#

63 11028.1 94.8 176.0#

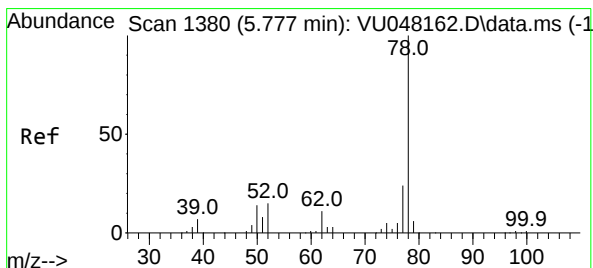
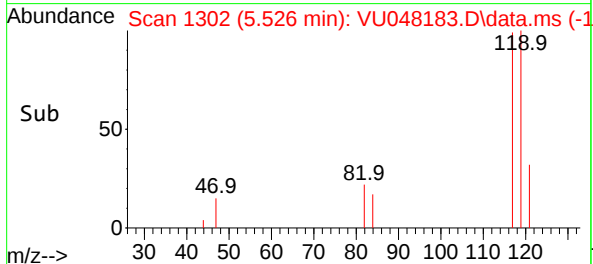
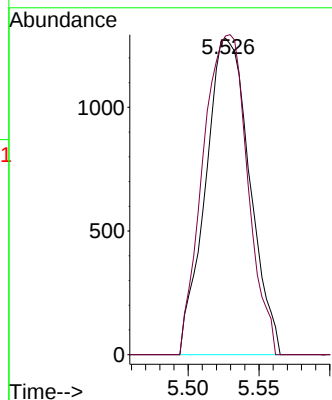
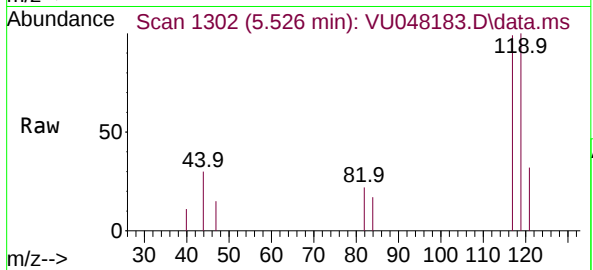




#31
Carbon tetrachloride
Concen: 0.790 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

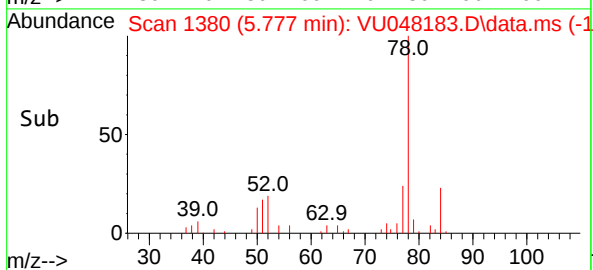
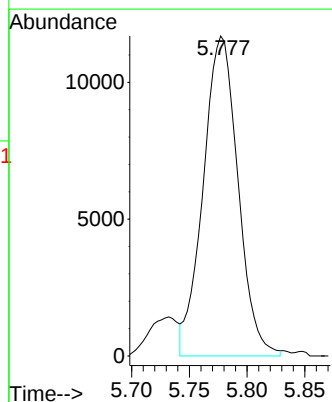
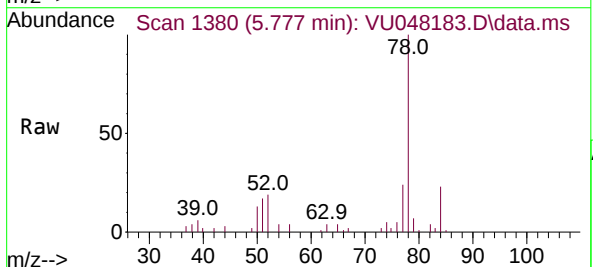
Instrument :
MSVOA_U
ClientSampleId :
C0J34

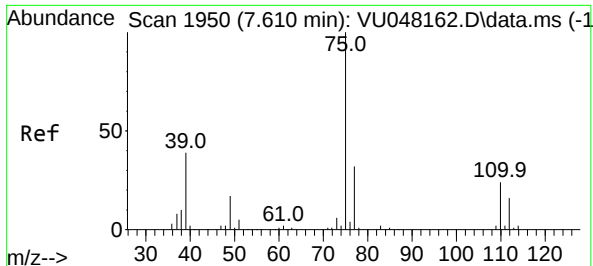
Tgt Ion:117 Resp: 2769
Ion Ratio Lower Upper
117 100
119 102.4 77.2 115.8



#33
Benzene
Concen: 2.470 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion: 78 Resp: 24468

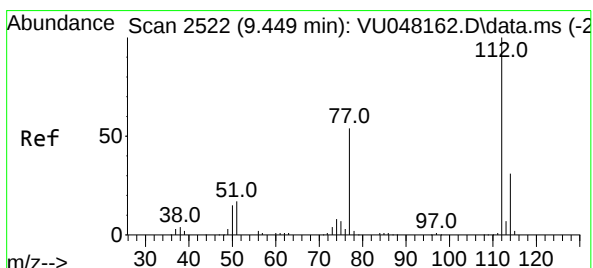
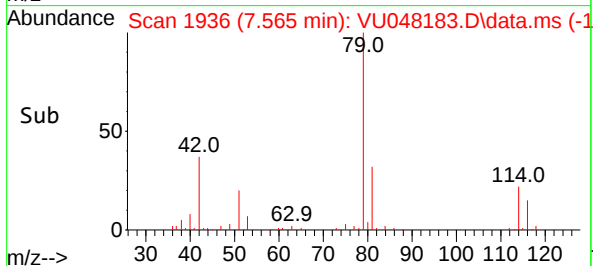
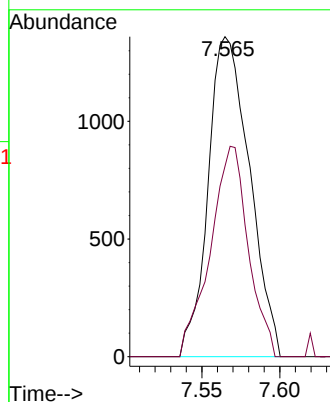
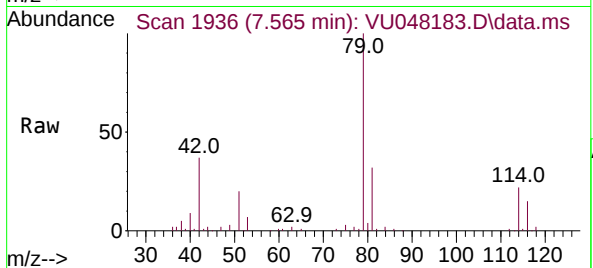




#39
cis-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

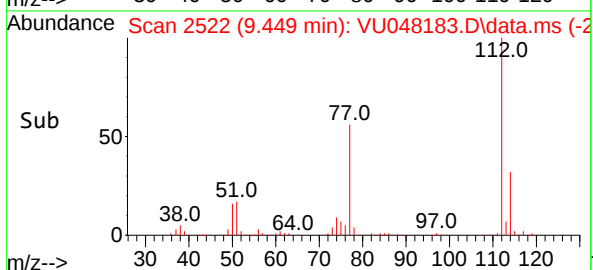
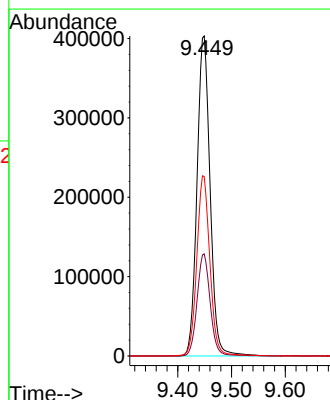
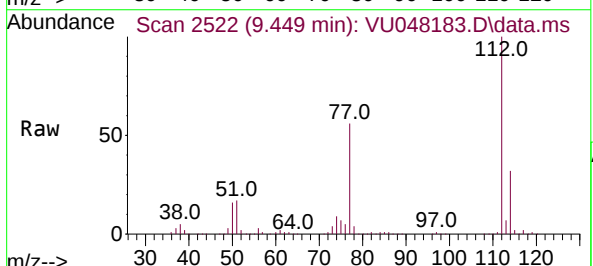
Instrument :
MSVOA_U
ClientSampleId :
C0J34

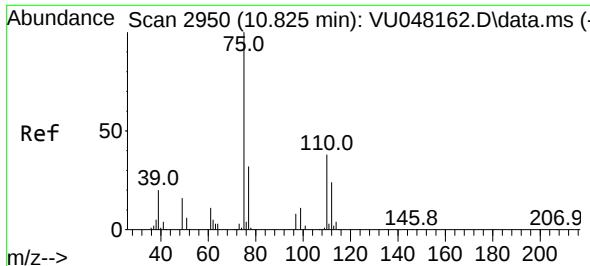
Tgt Ion: 75 Resp: 2511
Ion Ratio Lower Upper
75 100
77 59.5 21.8 40.6#



#51
Chlorobenzene
Concen: 92.343 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion: 112 Resp: 681508
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 56.1 43.4 65.0

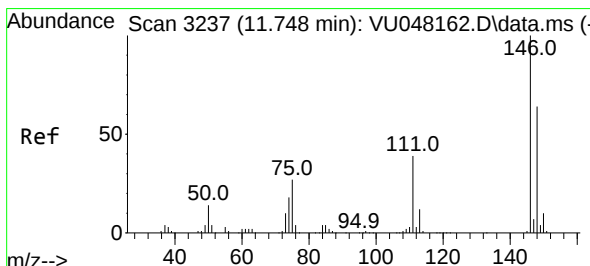
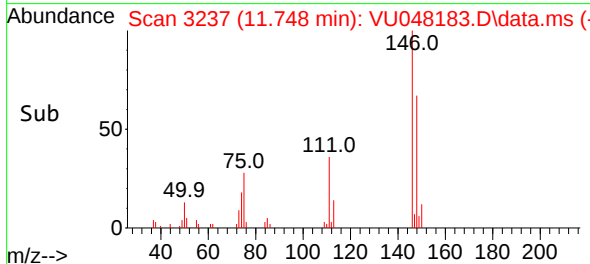
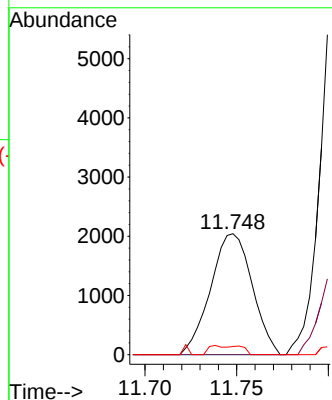
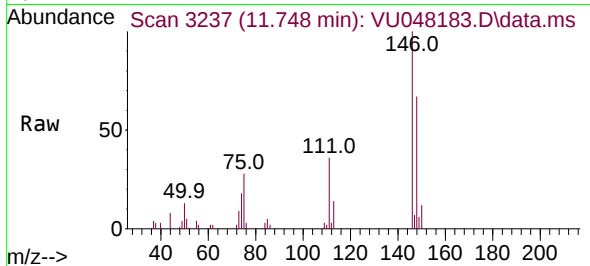




#60
1,2,3-Trichloropropane
Concen: 1.047 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

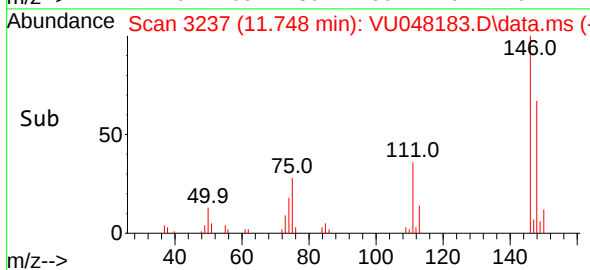
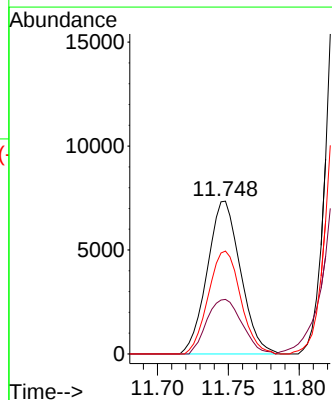
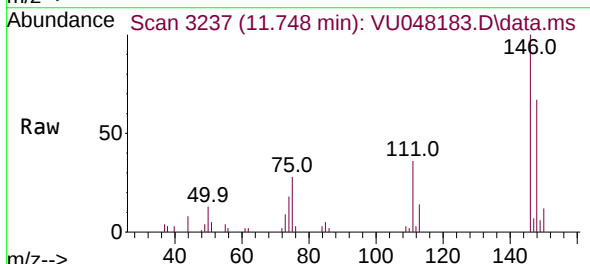
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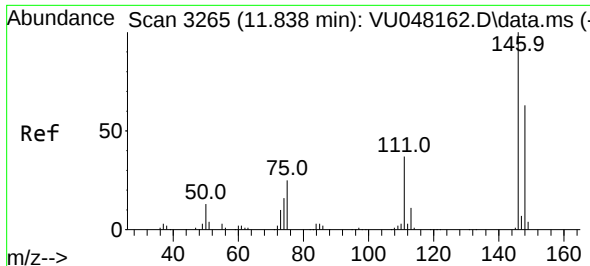
Tgt Ion: 75 Resp: 3227
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 2.5 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 2.447 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion:146 Resp: 12017
Ion Ratio Lower Upper
146 100
111 35.7 26.7 49.7
148 67.3 44.4 82.5

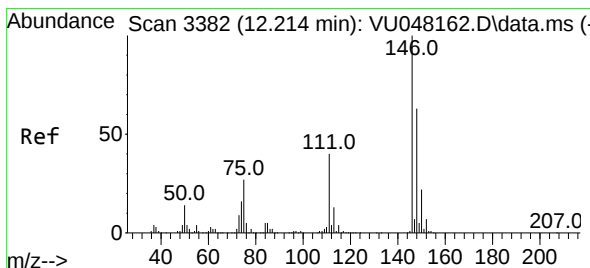
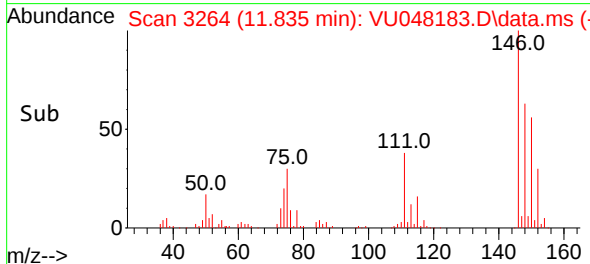
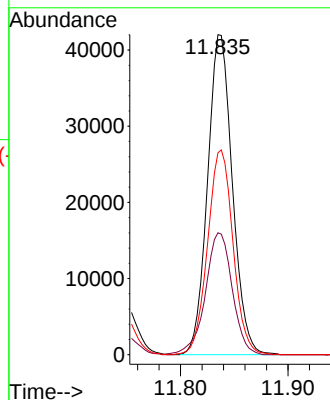
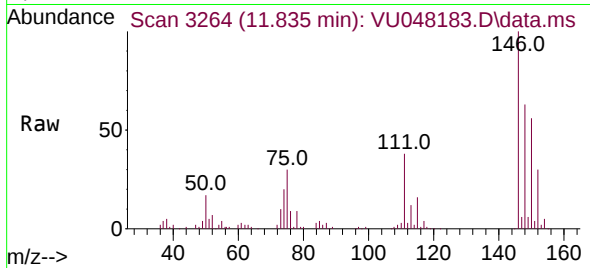




#65
1,4-Dichlorobenzene
Concen: 13.275 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

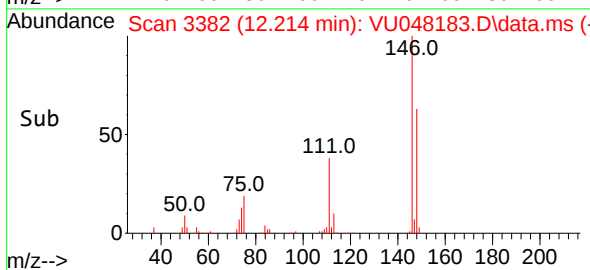
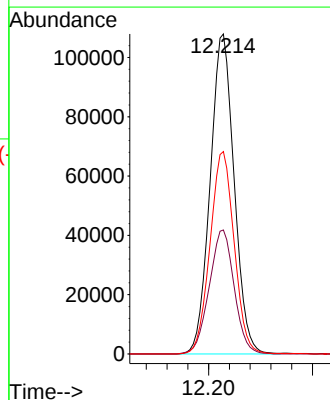
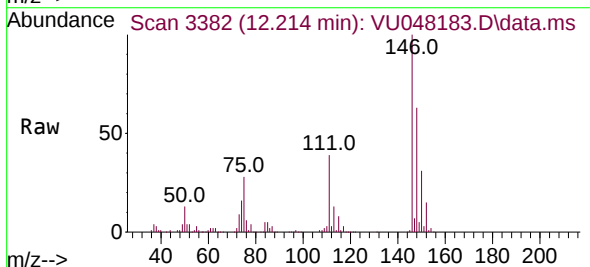
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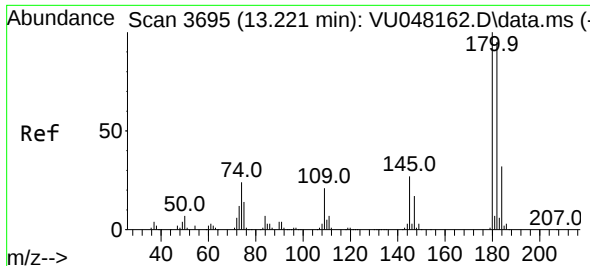
Tgt Ion:146 Resp: 67534
Ion Ratio Lower Upper
146 100
111 38.1 25.3 47.1
148 63.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 35.144 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion:146 Resp: 172720
Ion Ratio Lower Upper
146 100
111 38.7 31.7 47.5
148 63.2 51.4 77.2

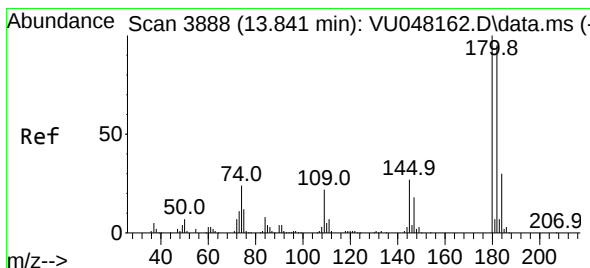
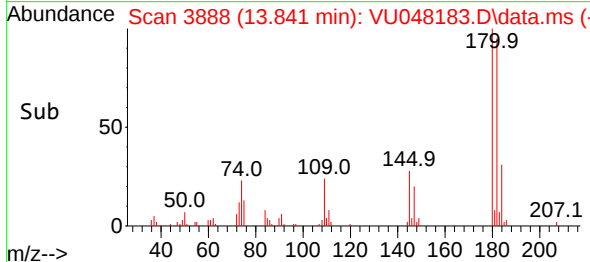
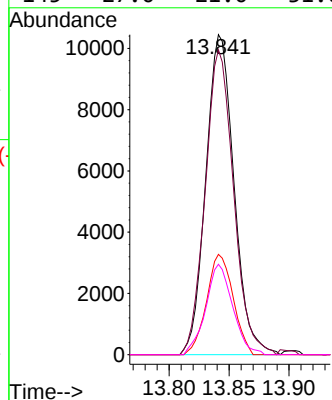
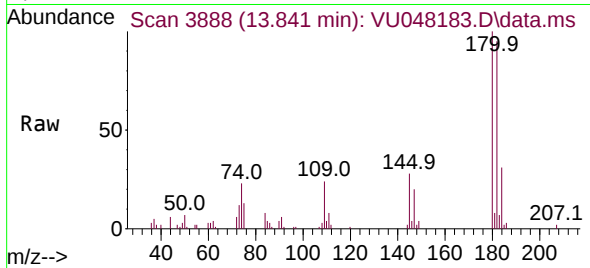




#69
 1,3,5-Trichlorobenzene
 Concen: 4.283 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048183.D
 Acq: 21 Apr 2022 19:15

Instrument :
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Tgt Ion:180	Resp:	17085
Ion Ratio	Lower	Upper
180	100	
182	95.8	77.0 115.6
184	29.5	24.5 36.7
145	27.0	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.890 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048183.D
 Acq: 21 Apr 2022 19:15

Tgt Ion:180	Resp:	17085
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.2 114.2
145	27.0	21.8 32.8

