

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048177.D
 Acq On : 21 Apr 2022 16:53
 Operator : SY/MD
 Sample : N2486-19 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J61

Quant Time: Apr 22 01:51:59 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)

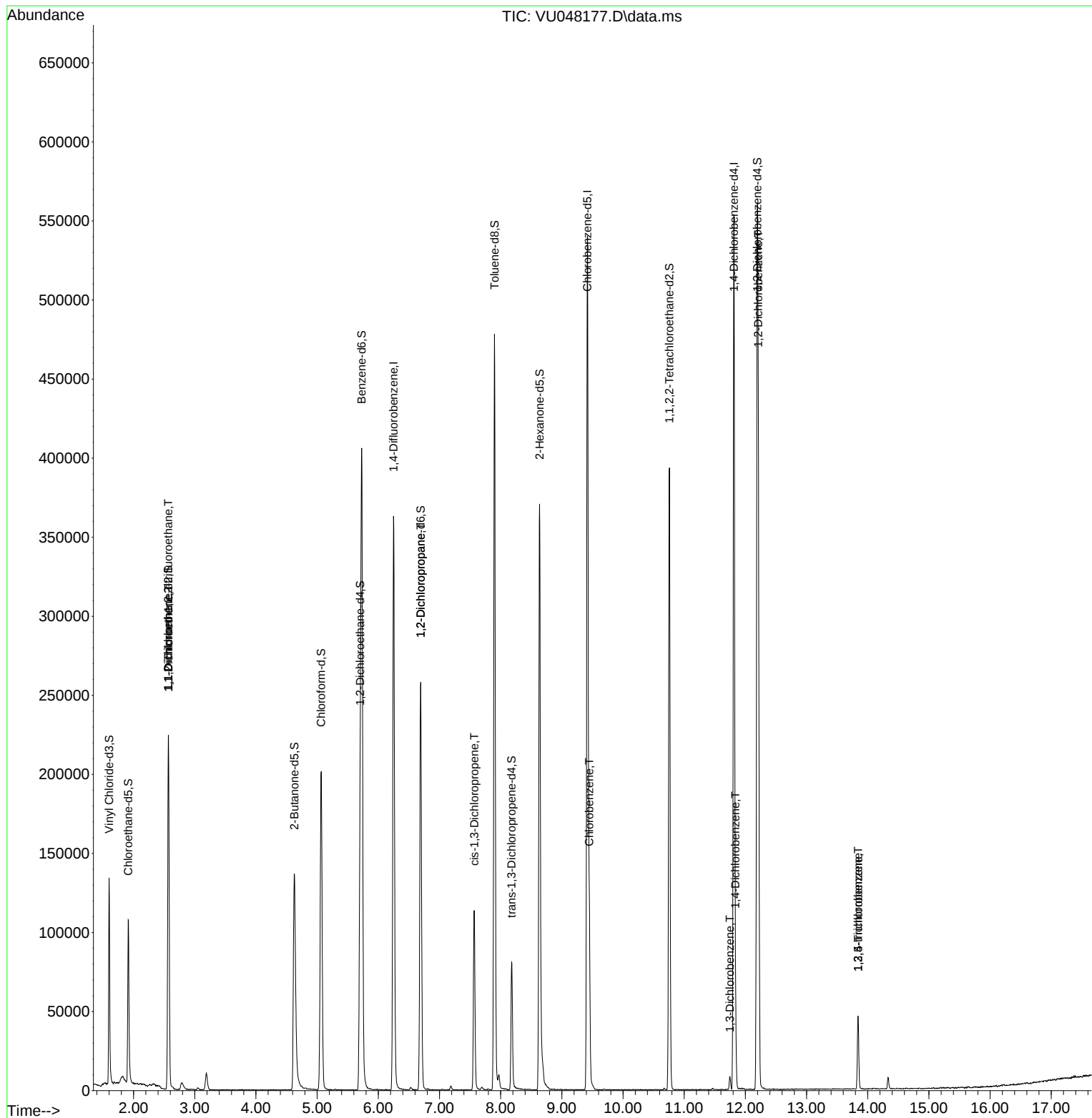
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310213	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	321727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99603	44.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.560%
7) Chloroethane-d5	1.912	69	83859	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	2.568	63	131078	31.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.700%
21) 2-Butanone-d5	4.626	46	185886	96.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.270%
24) Chloroform-d	5.067	84	192877	46.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	5.703	65	121010	47.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.729	84	386813	47.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	6.694	67	131996	53.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.180%
41) Toluene-d8	7.899	98	323157	40.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.940%
43) trans-1,3-Dichloroprop...	8.179	79	47409	37.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.280%
47) 2-Hexanone-d5	8.636	63	125885	86.493	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	198512	46.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	140223	51.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1191	0.521	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1081	0.508	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	12974	5.480	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2546	0.693	ug/L #	55
51) Chlorobenzene	9.449	112	61325	8.839	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	4044	0.874	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	21993	4.591	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	138071	29.833	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	16850	4.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	16850	5.121	ug/L	100

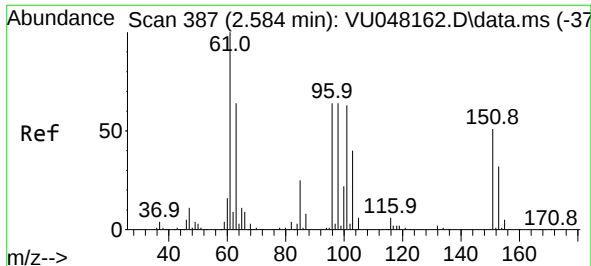
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.521 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.016 min

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Instrument :

MSVOA_U

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C0J61

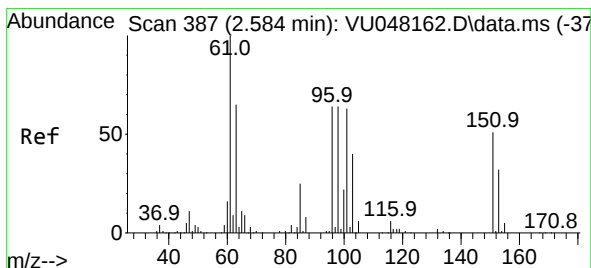
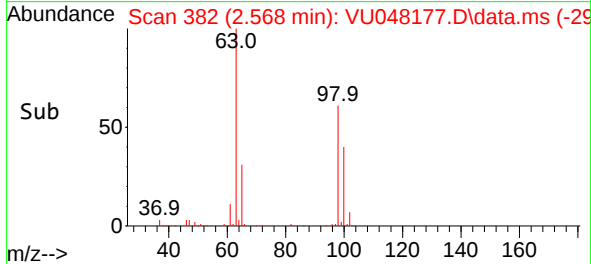
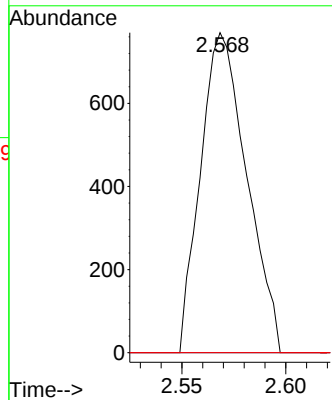
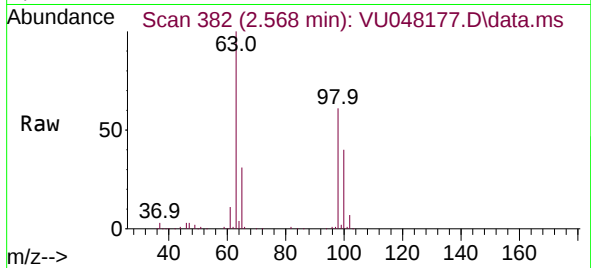
Tgt Ion:101 Resp: 1191

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: 0.508 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048177.D

Acq: 21 Apr 2022 16:53

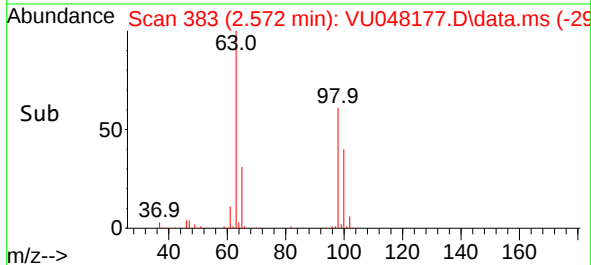
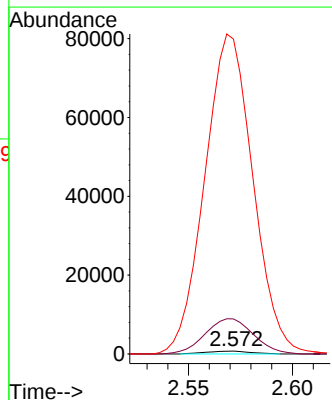
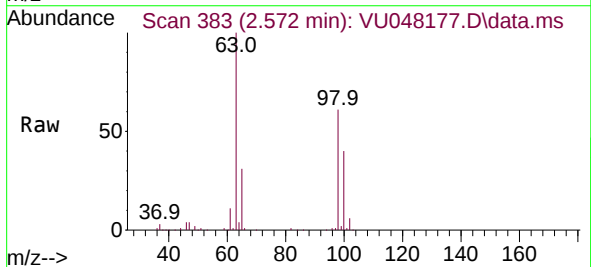
Tgt Ion: 96 Resp: 1081

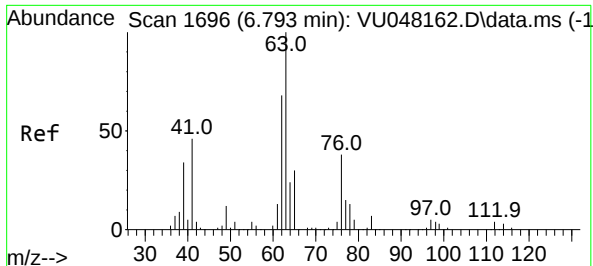
Ion Ratio Lower Upper

96 100

61 1230.7 113.1 210.1#

63 11063.7 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.480 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048177.D

Acq: 21 Apr 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

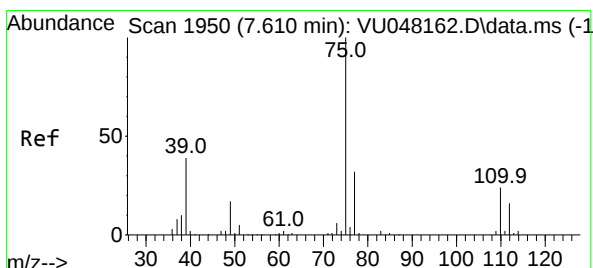
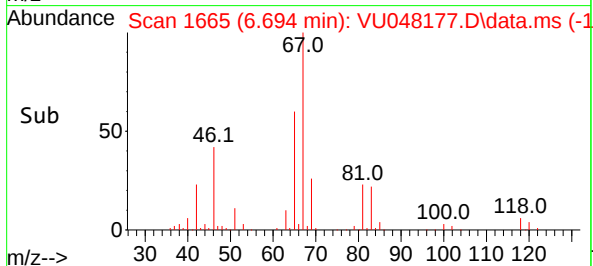
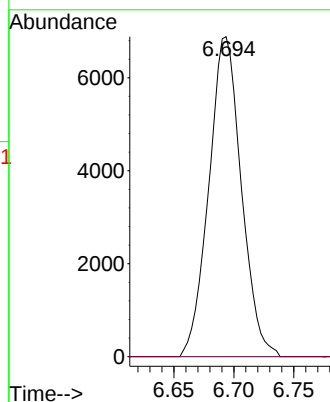
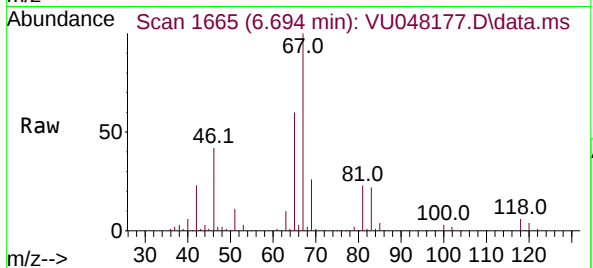
C0J61

Tgt Ion: 63 Resp: 12974

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048177.D

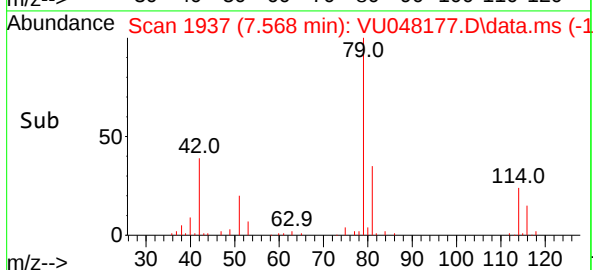
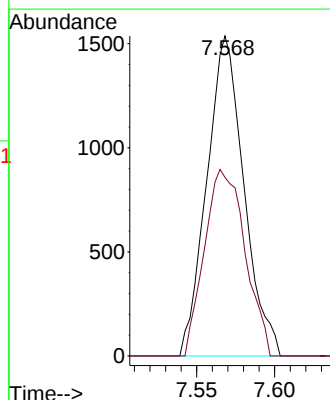
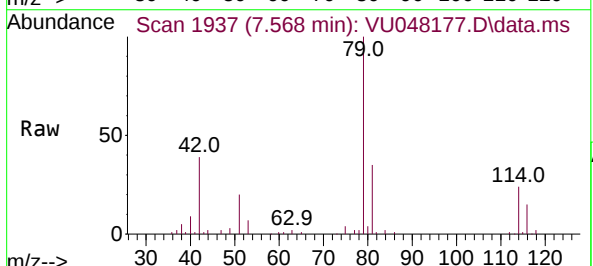
Acq: 21 Apr 2022 16:53

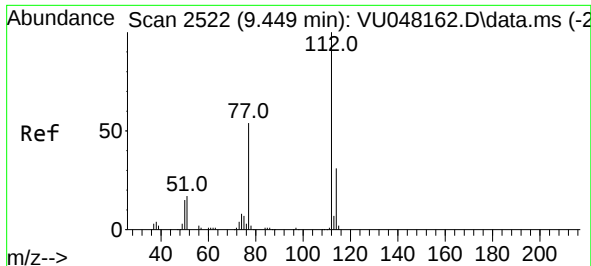
Tgt Ion: 75 Resp: 2546

Ion Ratio Lower Upper

75 100

77 55.8 21.8 40.6#

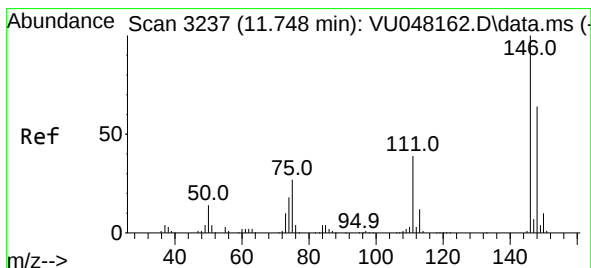
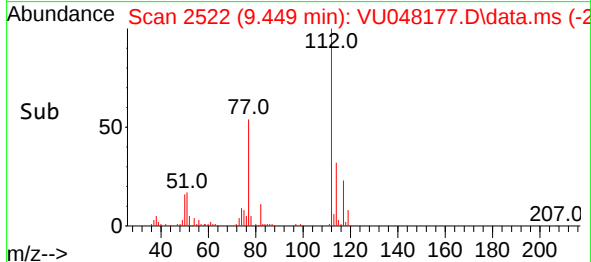
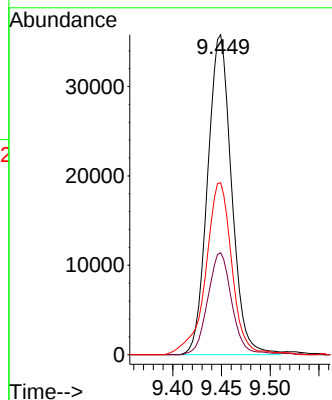
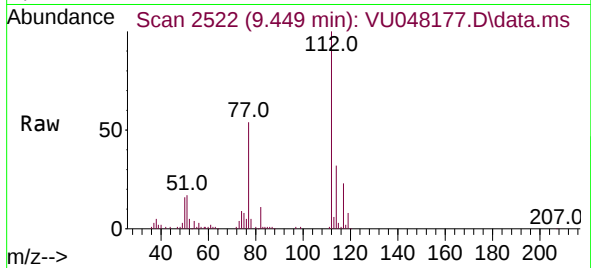




#51
Chlorobenzene
Concen: 8.839 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048177.D
Acq: 21 Apr 2022 16:53

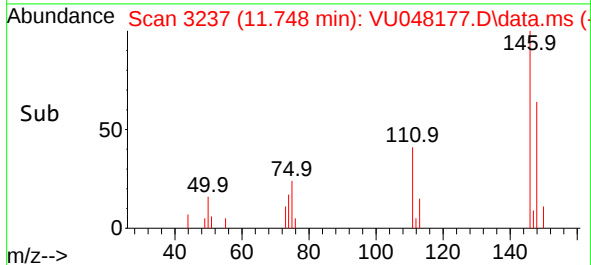
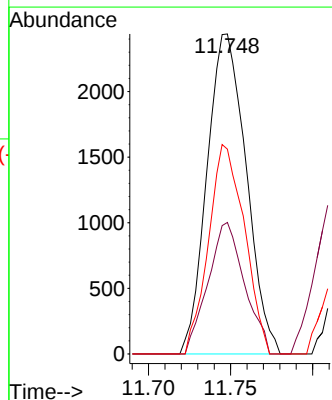
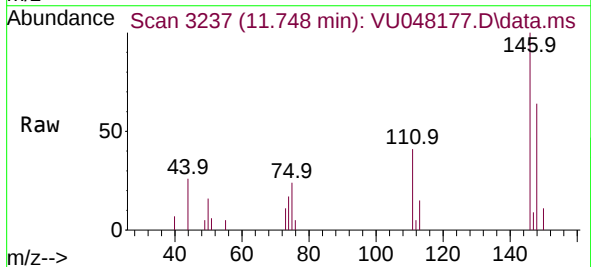
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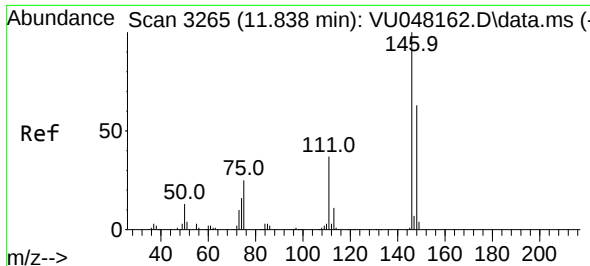
Tgt Ion:112 Resp: 61325
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 53.8 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 0.874 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048177.D
Acq: 21 Apr 2022 16:53

Tgt Ion:146 Resp: 4044
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 64.0 44.4 82.5

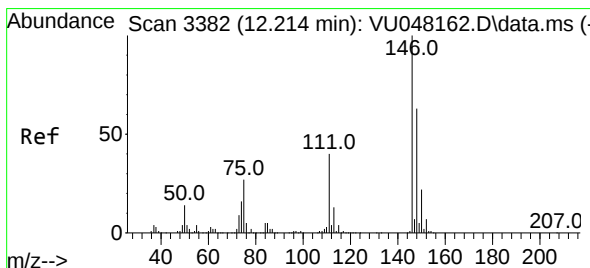
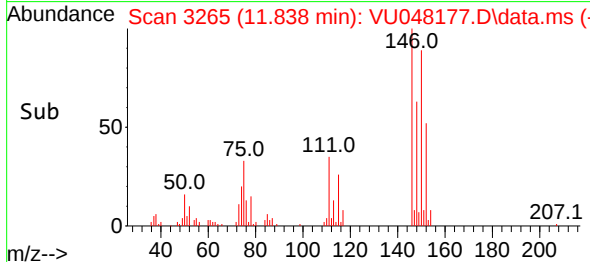
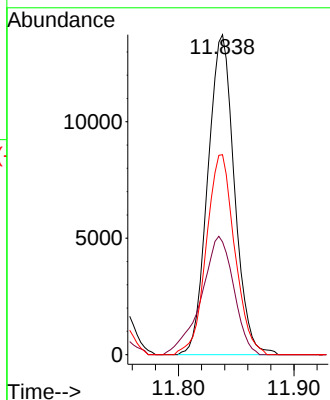
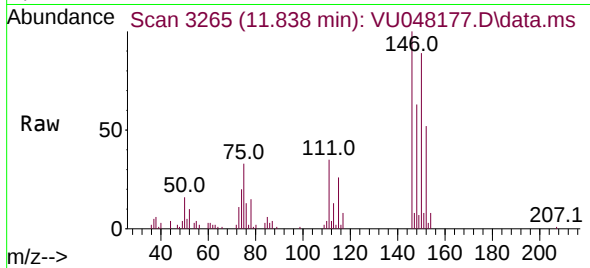




#65
1,4-Dichlorobenzene
Concen: 4.591 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048177.D
Acq: 21 Apr 2022 16:53

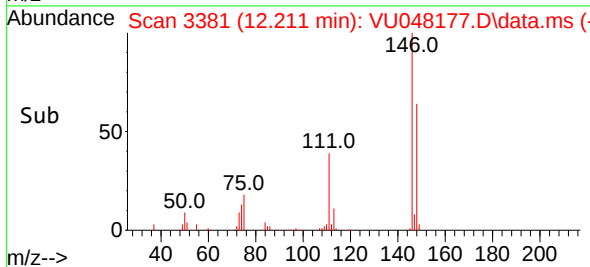
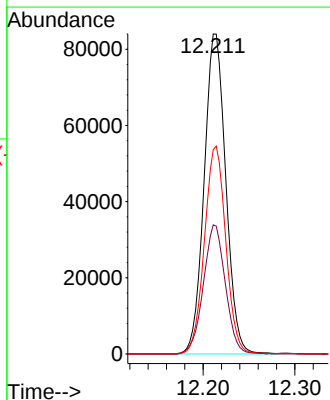
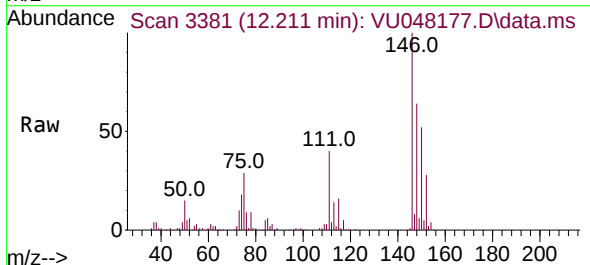
Instrument :
MSVOA_U
ClientSampleId :
C0J61

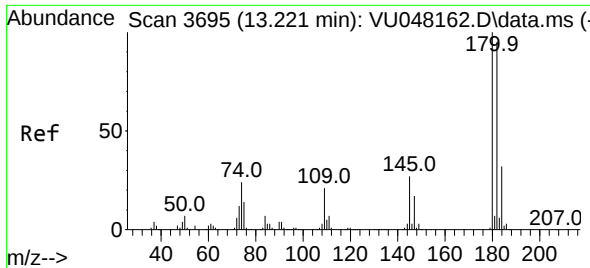
Tgt Ion:146 Resp: 21993
Ion Ratio Lower Upper
146 100
111 35.2 25.3 47.1
148 62.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 29.833 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048177.D
Acq: 21 Apr 2022 16:53

Tgt Ion:146 Resp: 138071
Ion Ratio Lower Upper
146 100
111 40.4 31.7 47.5
148 63.9 51.4 77.2

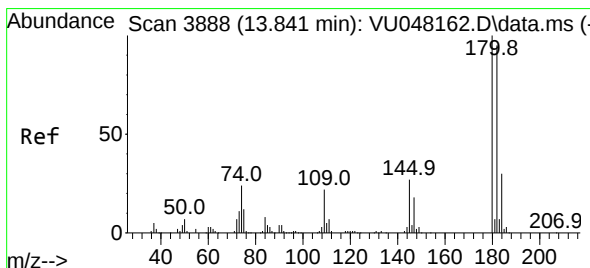
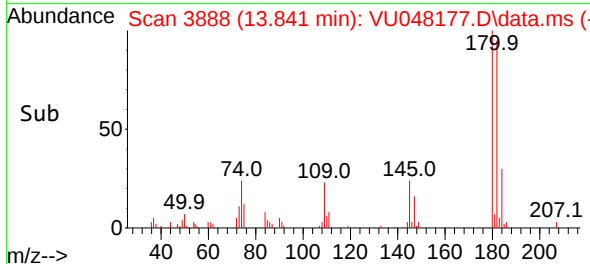
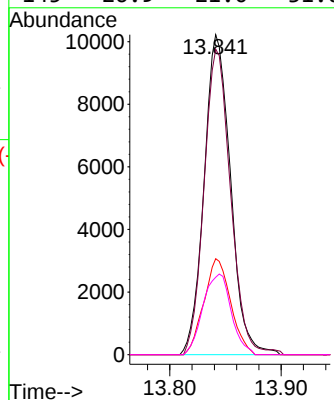
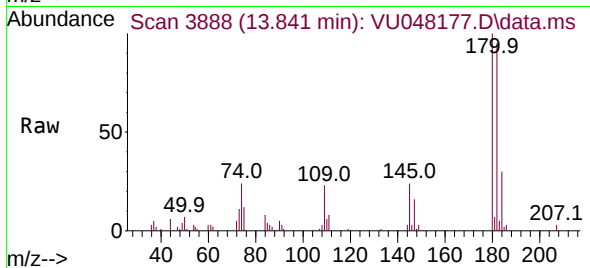




#69
 1,3,5-Trichlorobenzene
 Concen: 4.486 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048177.D
 Acq: 21 Apr 2022 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J61

Tgt Ion:180	Resp:	16850
Ion Ratio	Lower	Upper
180	100	
182	95.0	77.0 115.6
184	30.3	24.5 36.7
145	26.9	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.121 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048177.D
 Acq: 21 Apr 2022 16:53

Tgt Ion:180	Resp:	16850
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.2 114.2
145	26.9	21.8 32.8

