

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048113.D
 Acq On : 18 Apr 2022 12:12
 Operator : SY/MD
 Sample : N2387-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J63DL

Quant Time: Apr 19 03:38:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

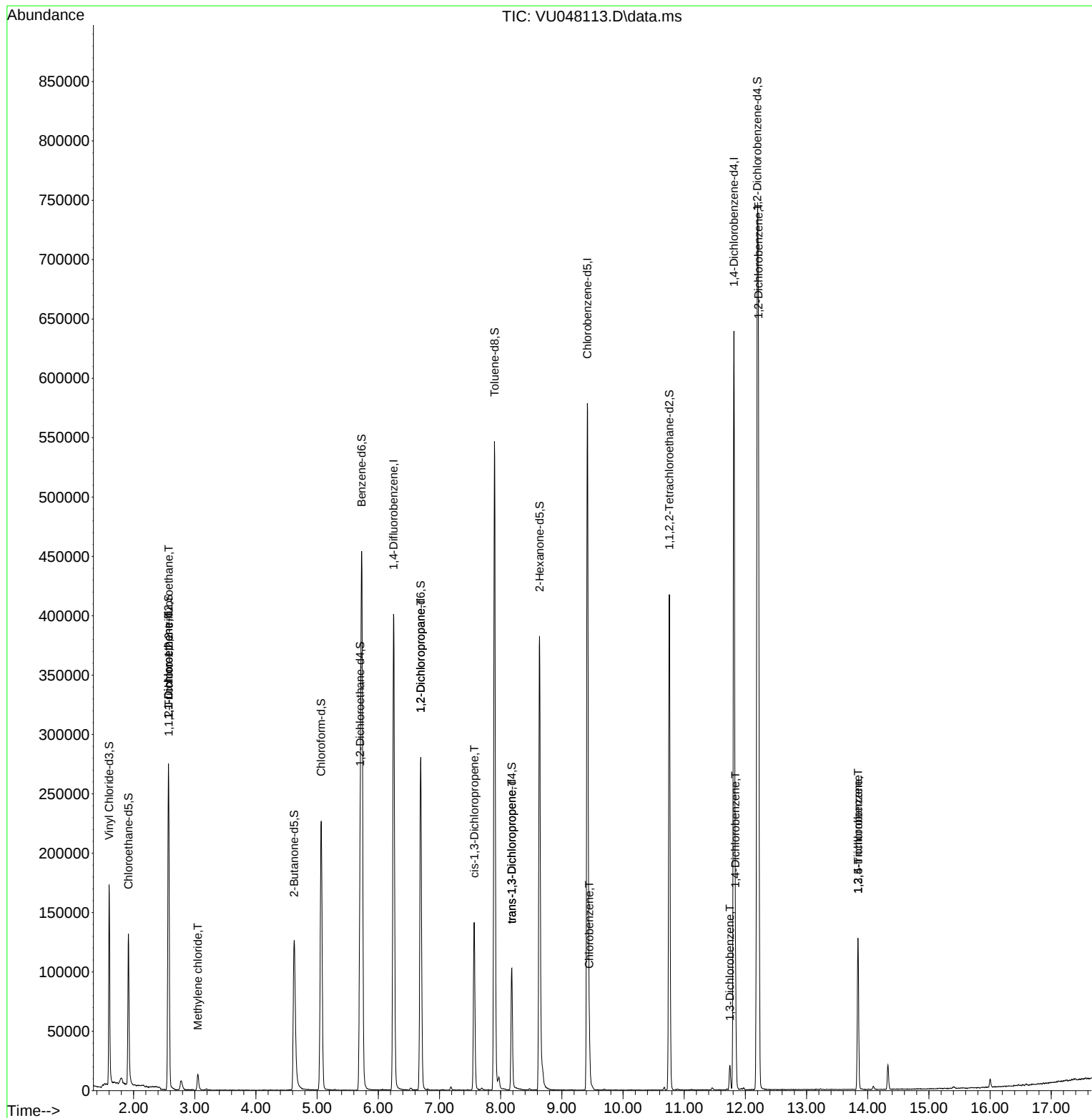
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345851	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182706	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	127638	50.893	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.780%		
7) Chloroethane-d5	1.916	69	102150	51.655	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 103.300%		
11) 1,1-Dichloroethene-d2	2.571	63	159320	34.721	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 69.440%		
21) 2-Butanone-d5	4.623	46	188289	87.468	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 87.470%		
24) Chloroform-d	5.067	84	216551	47.190	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 94.380%		
26) 1,2-Dichloroethane-d4	5.703	65	133373	47.388	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 94.780%		
32) Benzene-d6	5.729	84	440209	50.017	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 100.040%		
36) 1,2-Dichloropropane-d6	6.693	67	137618	50.914	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 101.820%		
41) Toluene-d8	7.899	98	379656	44.275	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 88.540%		
43) trans-1,3-Dichloroprop...	8.182	79	59246	43.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 86.540%		
47) 2-Hexanone-d5	8.636	63	129756	82.005	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 82.000%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207717	44.779	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 89.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	163663	50.350	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 100.700%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1494	0.586	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1303	0.549	ug/L #	1
16) Methylene chloride	3.051	84	7147	2.625	ug/L	96
37) 1,2-Dichloropropane	6.693	63	14368	5.583	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3185	0.798	ug/L #	55
44) trans-1,3-Dichloropropene	8.182	75	2573	0.645	ug/L	90
51) Chlorobenzene	9.449	112	23381	3.100	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	9875	1.799	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	39575	6.962	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	228356	41.583	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	43278	9.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	43278	11.085	ug/L	100

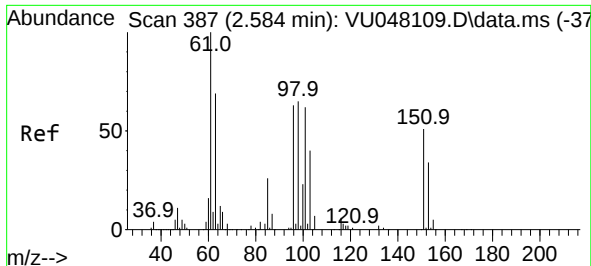
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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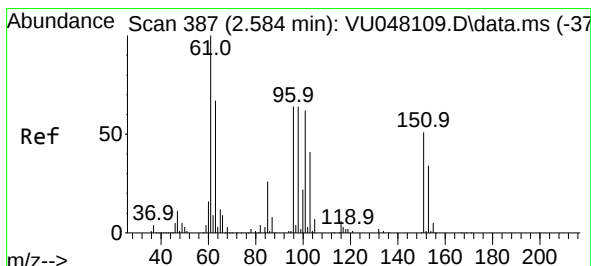
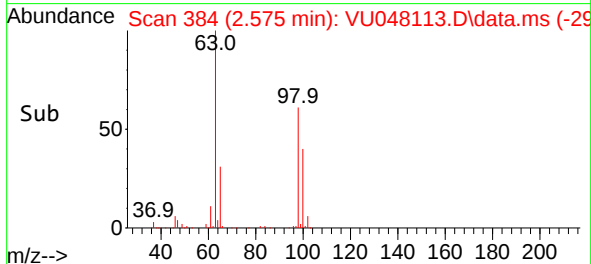
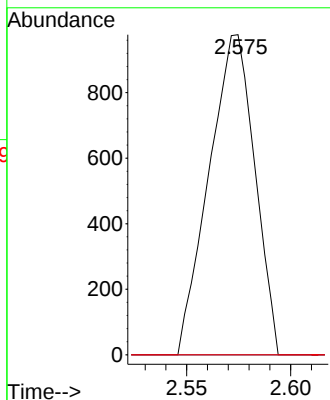
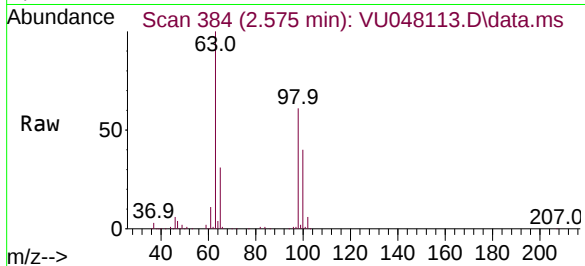




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.586 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU048113.D
 Acq: 18 Apr 2022 12:12

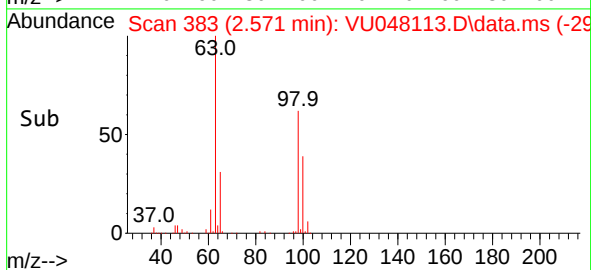
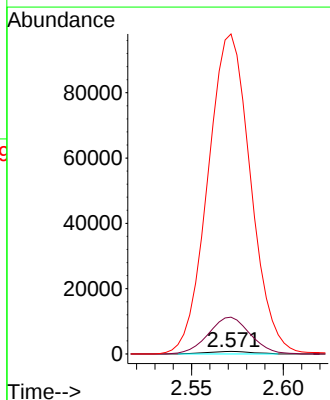
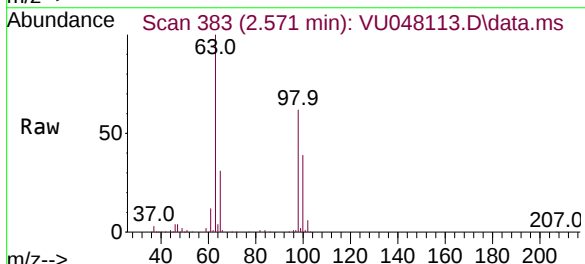
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J63DL

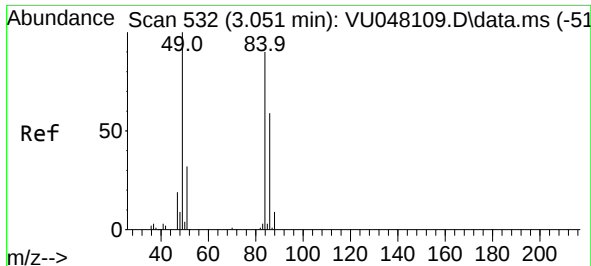
Tgt Ion:101 Resp: 1494
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.549 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048113.D
 Acq: 18 Apr 2022 12:12

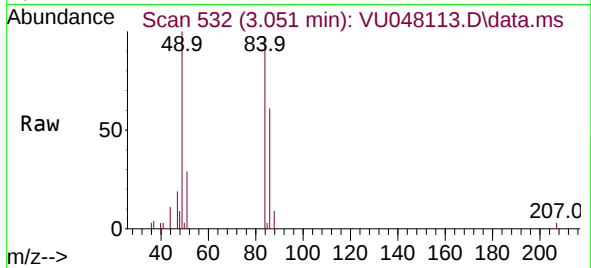
Tgt Ion: 96 Resp: 1303
 Ion Ratio Lower Upper
 96 100
 61 1475.4 113.1 210.1#
 63 12827.2 94.8 176.0#



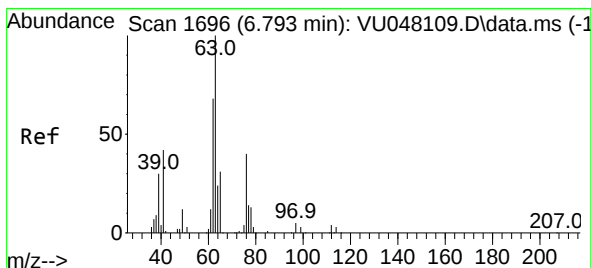
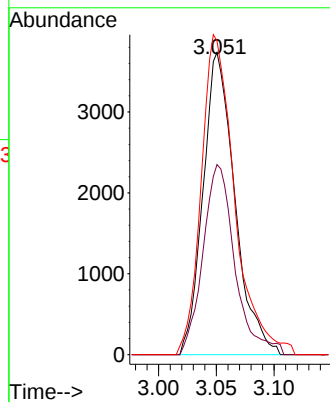
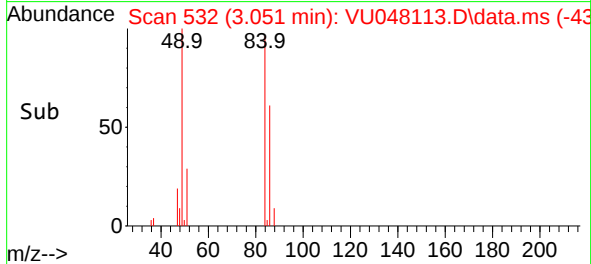


#16
Methylene chloride
Concen: 2.625 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

Instrument :
MSVOA_U
ClientSampleId :
C0J63DL

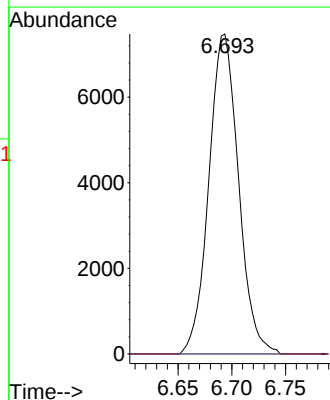
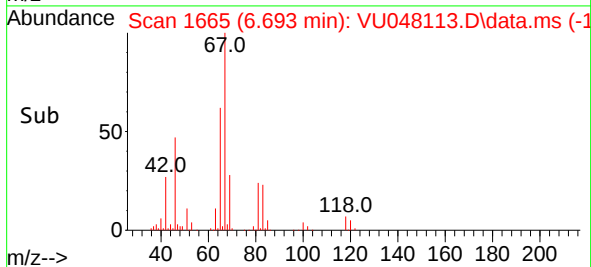
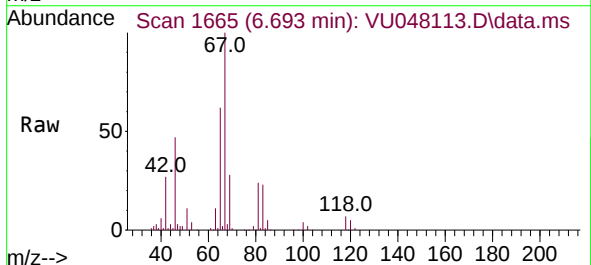


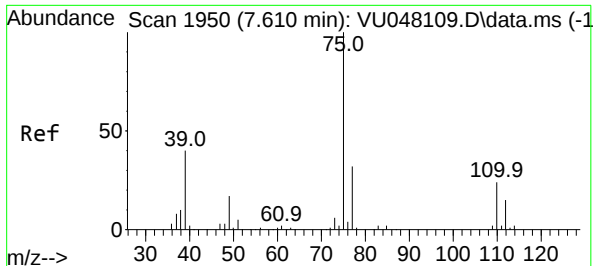
Tgt Ion: 84 Resp: 7147
Ion Ratio Lower Upper
84 100
86 62.9 46.0 85.4
49 103.8 75.3 139.8



#37
1,2-Dichloropropane
Concen: 5.583 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

Tgt Ion: 63 Resp: 14368
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU048113.D

Acq: 18 Apr 2022 12:12

Instrument :

MSVOA_U

ClientSampleId :

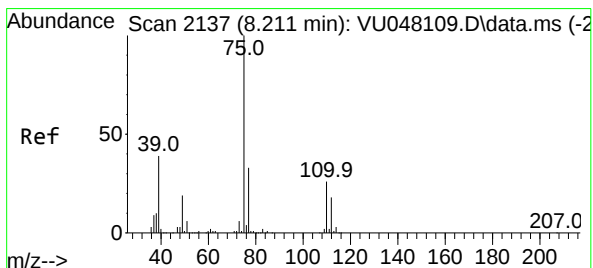
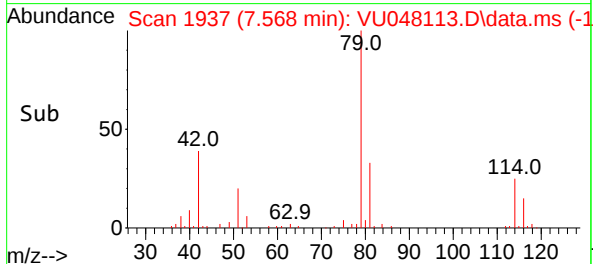
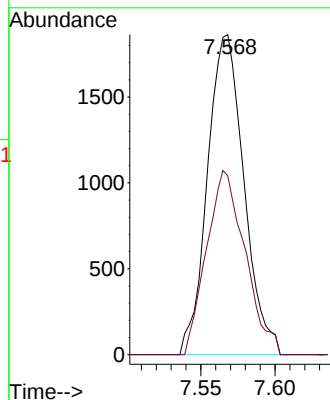
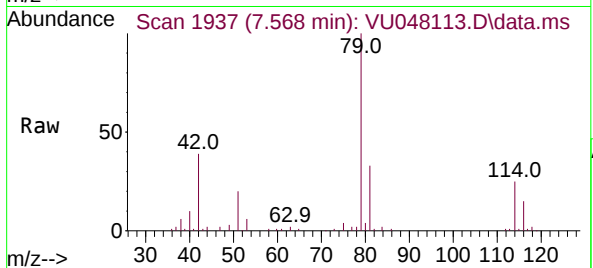
C0J63DL

Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

77 55.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048113.D

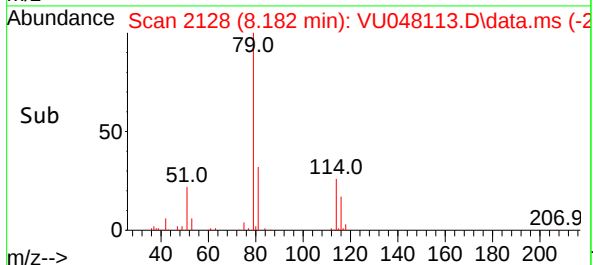
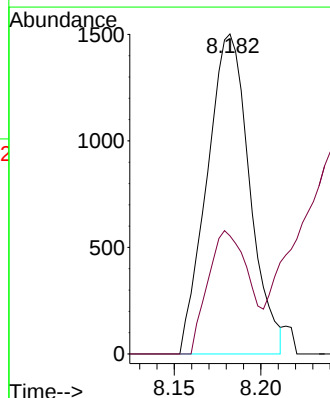
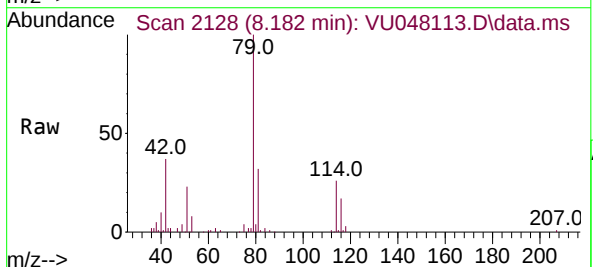
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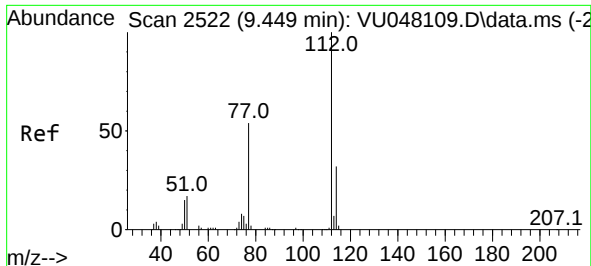
Tgt Ion: 75 Resp: 2573

Ion Ratio Lower Upper

75 100

77 36.9 22.0 40.8

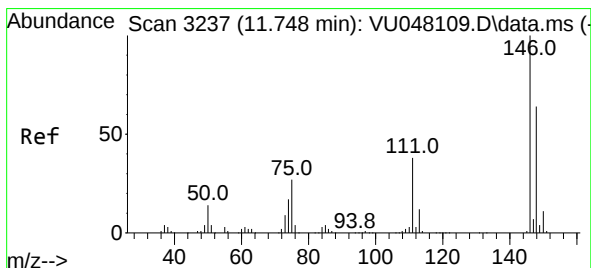
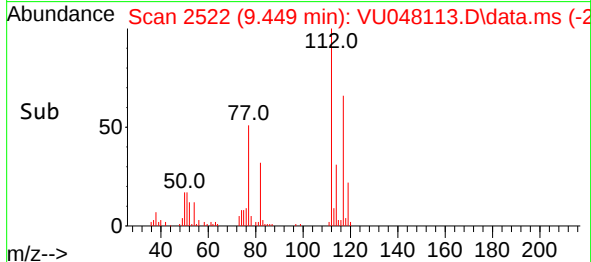
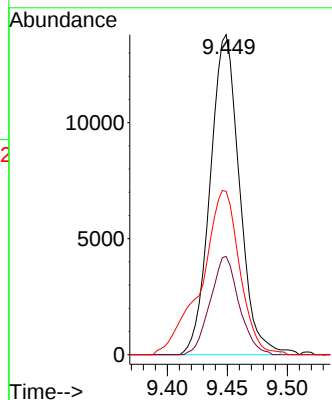
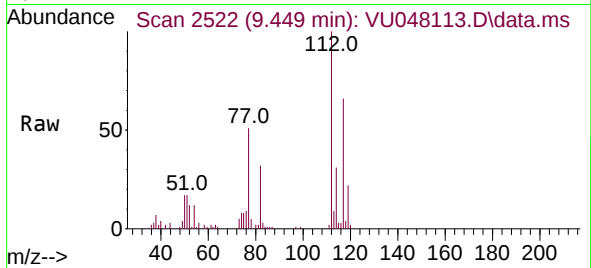




#51
Chlorobenzene
Concen: 3.100 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

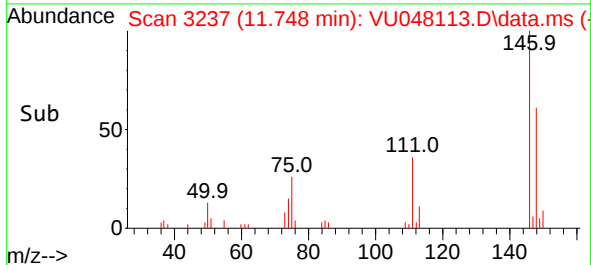
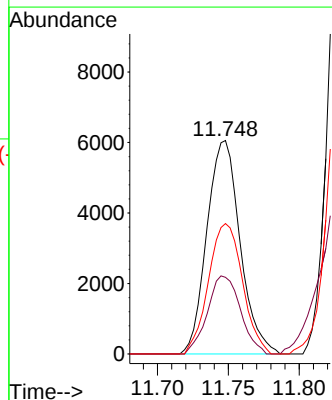
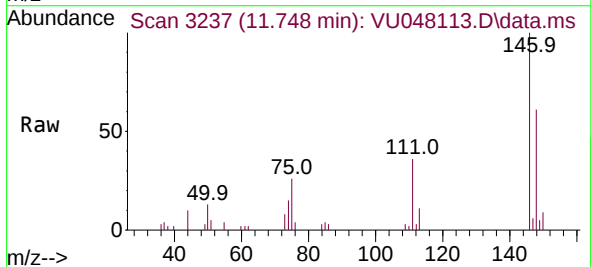
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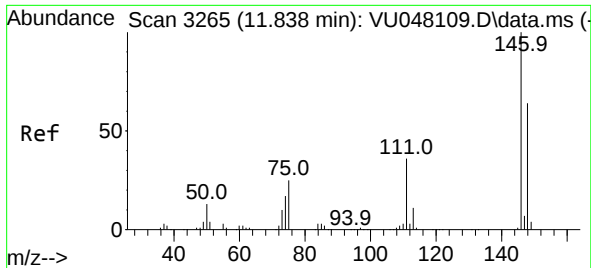
Tgt Ion:112 Resp: 23381
Ion Ratio Lower Upper
112 100
114 30.7 22.1 41.1
77 51.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.799 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

Tgt Ion:146 Resp: 9875
Ion Ratio Lower Upper
146 100
111 35.9 26.7 49.7
148 61.1 44.4 82.5

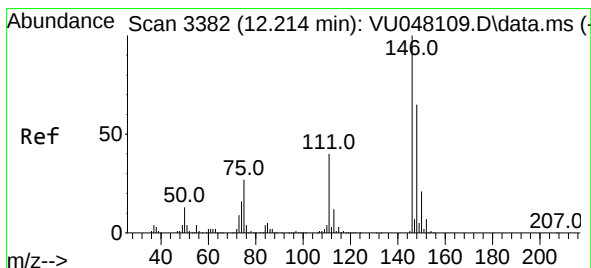
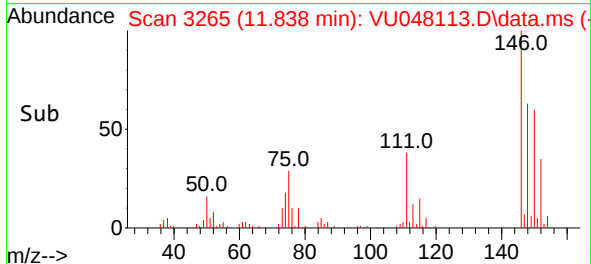
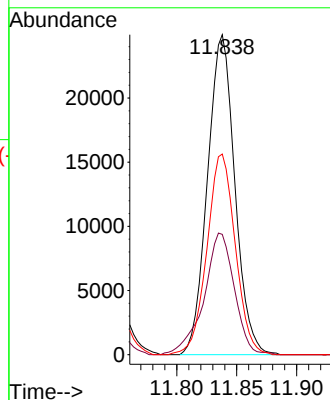
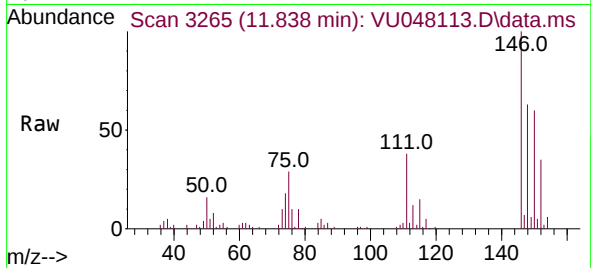




#65
1,4-Dichlorobenzene
Concen: 6.962 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

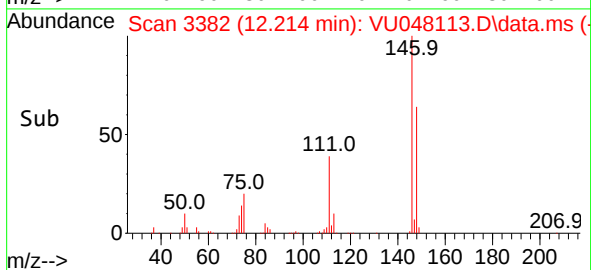
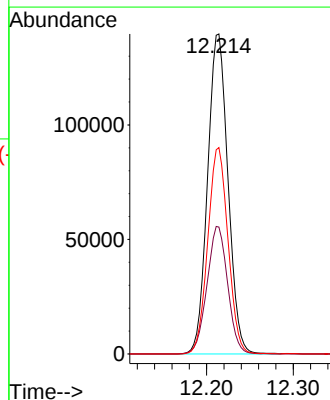
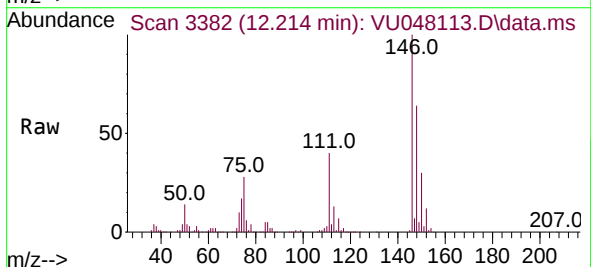
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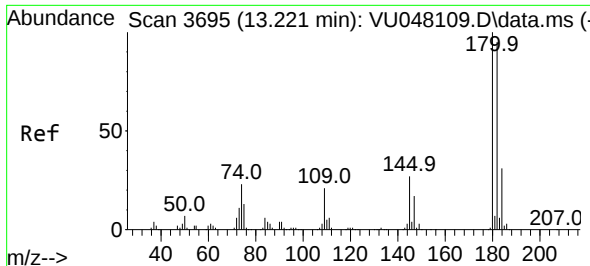
Tgt Ion:146 Resp: 39575
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 62.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 41.583 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048113.D
Acq: 18 Apr 2022 12:12

Tgt Ion:146 Resp: 228356
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.5 51.4 77.2



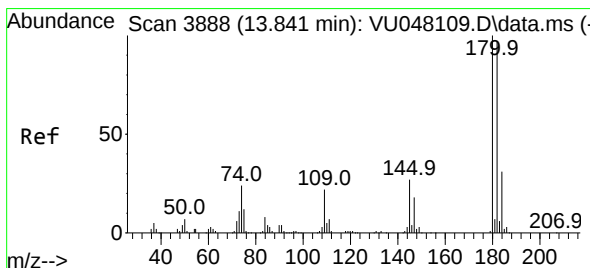
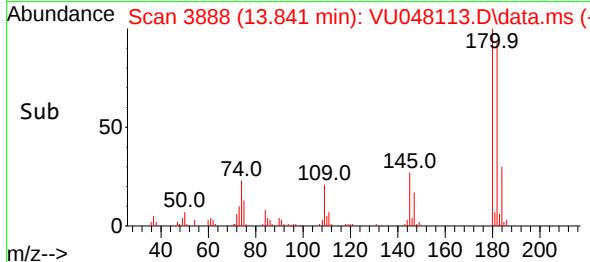
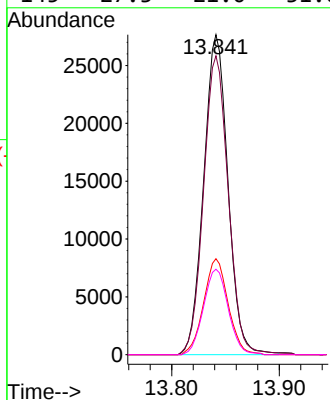
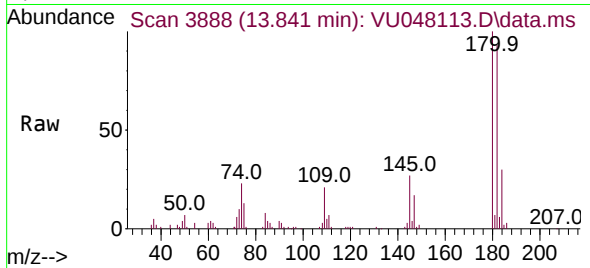


#69
 1,3,5-Trichlorobenzene
 Concen: 9.709 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048113.D
 Acq: 18 Apr 2022 12:12

Instrument :
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 C0J63DL

Tgt Ion:180 Resp: 43278

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.0	115.6
184	30.3	24.5	36.7
145	27.3	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 11.085 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048113.D
 Acq: 18 Apr 2022 12:12

Tgt Ion:180 Resp: 43278

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	27.3	21.8	32.8

