

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048062.D
 Acq On : 14 Apr 2022 16:44
 Operator : SY/MD
 Sample : N2387-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J75

Quant Time: Apr 15 02:27:49 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)

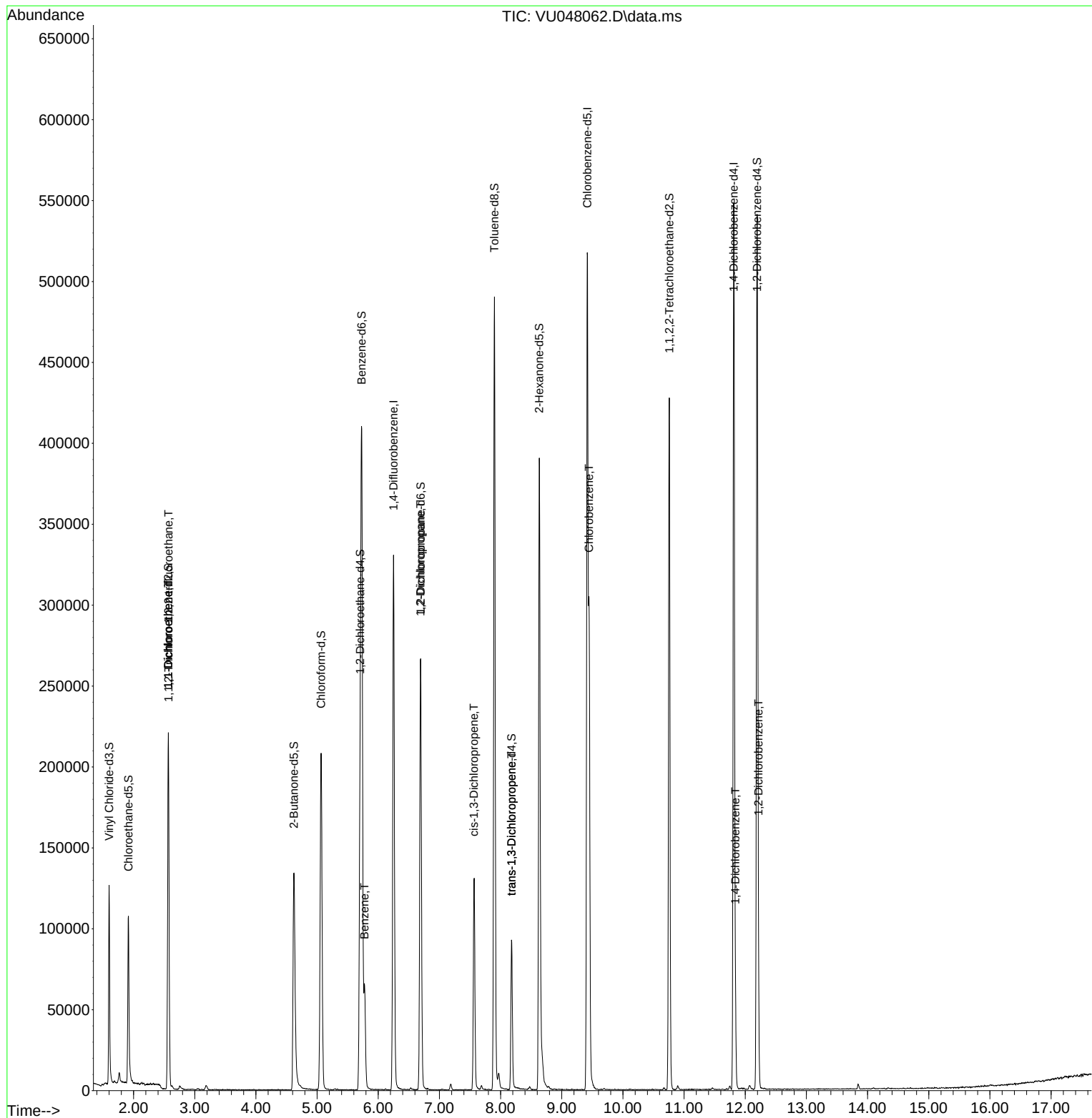
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280027	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300376	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153822	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90772	44.701	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.400%	
7) Chloroethane-d5	1.916	69	84373	52.694	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.380%	
11) 1,1-Dichloroethene-d2	2.568	63	124017	33.380	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.760%	
21) 2-Butanone-d5	4.620	46	192082	110.205	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.200%	
24) Chloroform-d	5.067	84	197402	53.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.260%	
26) 1,2-Dichloroethane-d4	5.703	65	129781	56.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	113.900%	
32) Benzene-d6	5.729	84	387519	51.271	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.540%	
36) 1,2-Dichloropropane-d6	6.694	67	130264	56.119	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	112.240%	
41) Toluene-d8	7.899	98	334953	45.485	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.980%	
43) trans-1,3-Dichloroprop...	8.179	79	53654	45.625	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.260%	
47) 2-Hexanone-d5	8.632	63	137071	100.873	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.870%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208938	52.449	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.900%	
66) 1,2-Dichlorobenzene-d4	12.195	152	152373	55.679	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.360%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1254	0.608	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	874	0.455	ug/L #	1
33) Benzene	5.774	78	61440	7.067	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12929	5.850	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3317	0.967	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	2306	0.673	ug/L	90
51) Chlorobenzene	9.446	112	160226	24.736	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	21475	4.487	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	17447	3.774	ug/L	97

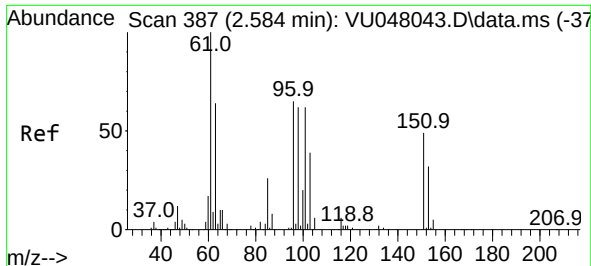
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.608 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048062.D

Acq: 14 Apr 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

C0J75

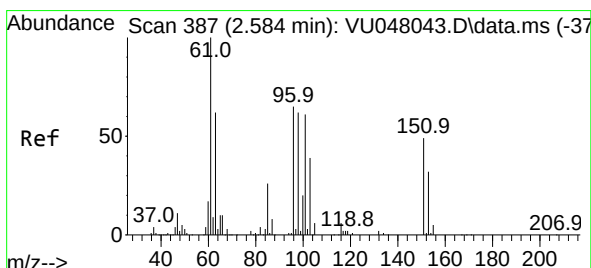
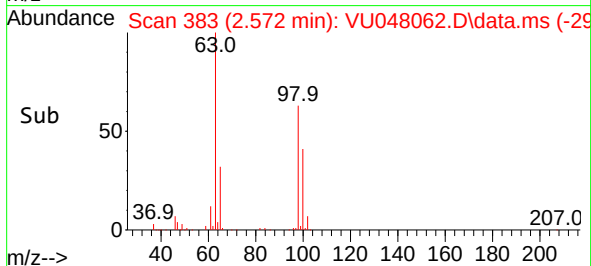
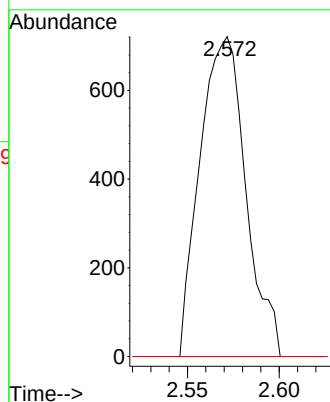
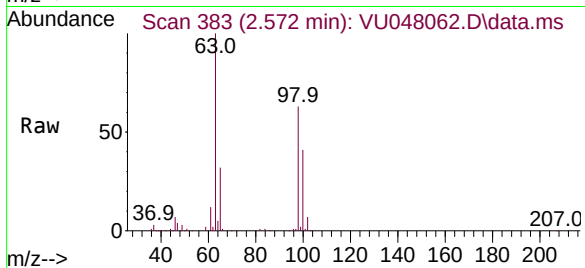
Tgt Ion:101 Resp: 1254

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: 0.455 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048062.D

Acq: 14 Apr 2022 16:44

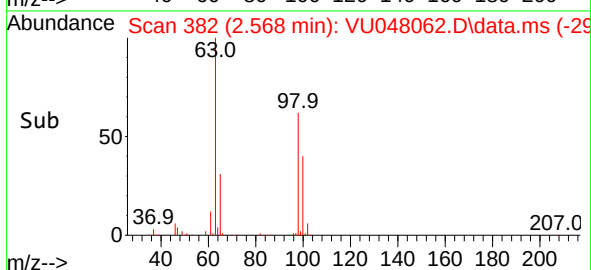
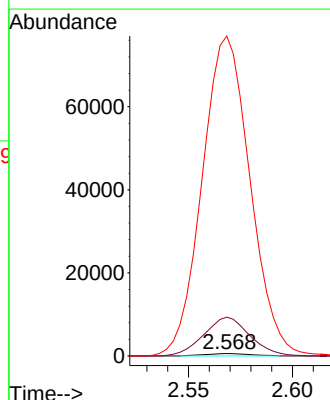
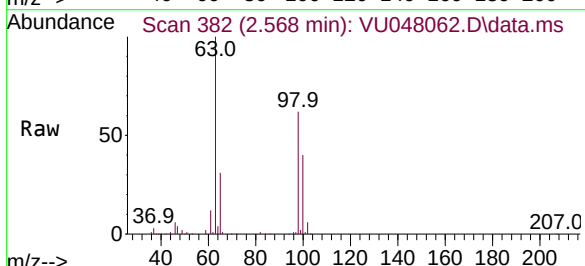
Tgt Ion: 96 Resp: 874

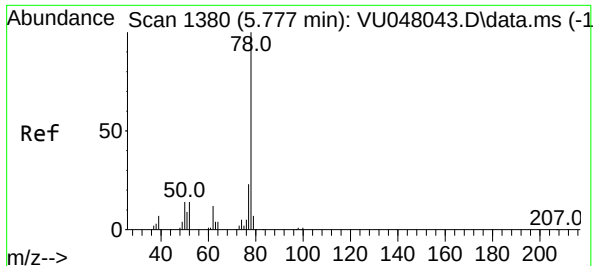
Ion Ratio Lower Upper

96 100

61 1642.1 113.1 210.1#

63 13515.8 94.8 176.0#

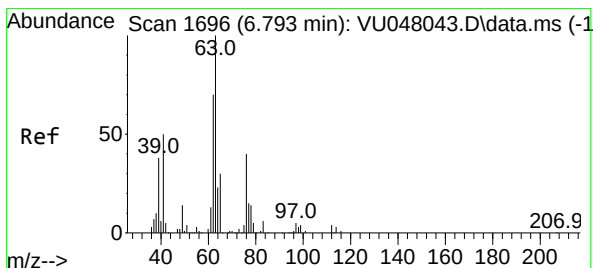
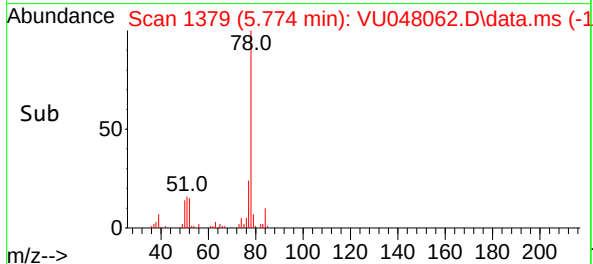
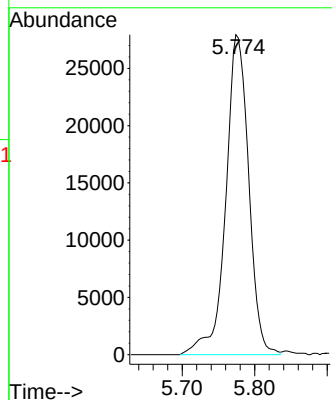
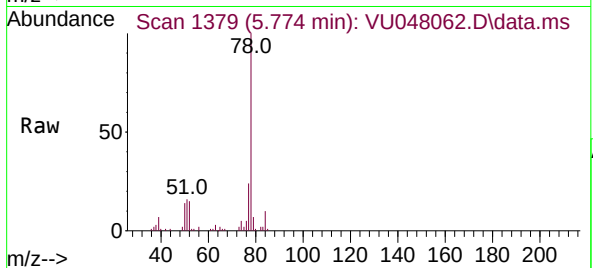




#33
Benzene
Concen: 7.067 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048062.D
Acq: 14 Apr 2022 16:44

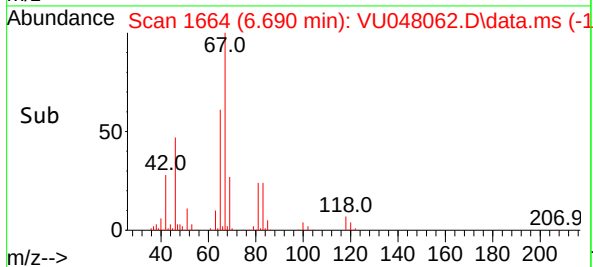
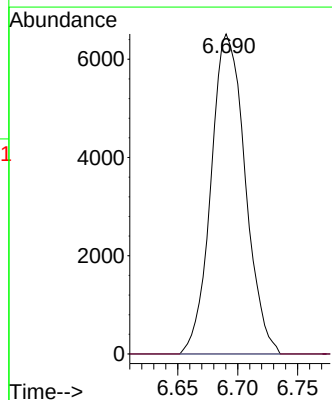
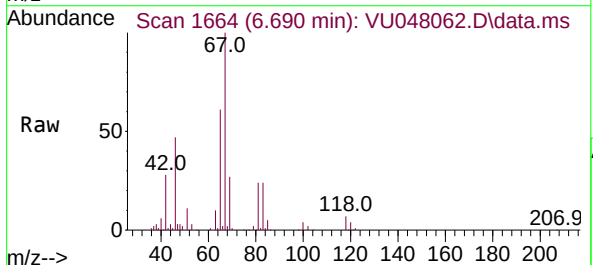
Instrument :
MSVOA_U
ClientSampleId :
C0J75

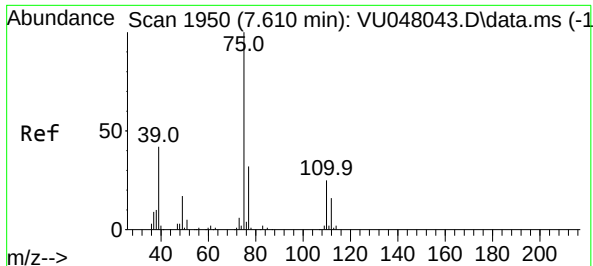
Tgt Ion: 78 Resp: 61440



#37
1,2-Dichloropropane
Concen: 5.850 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048062.D
Acq: 14 Apr 2022 16:44

Tgt Ion: 63 Resp: 12929
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.967 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048062.D

Acq: 14 Apr 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

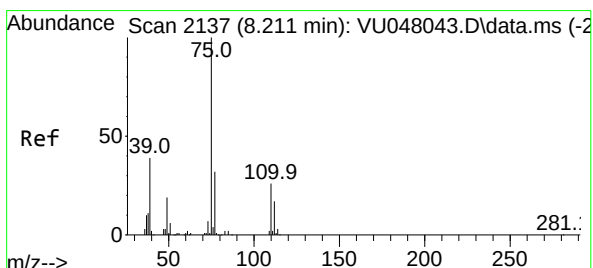
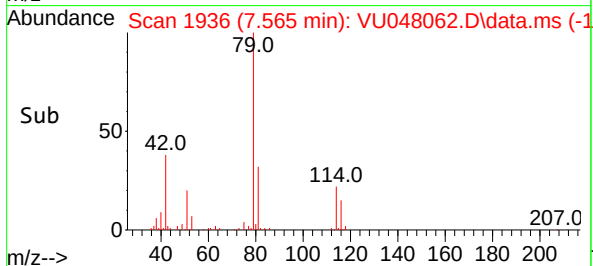
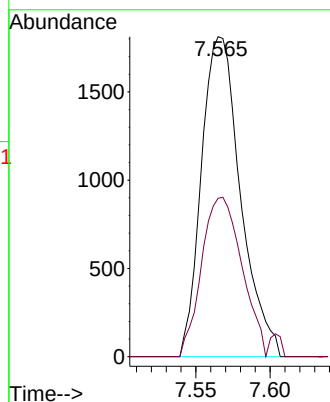
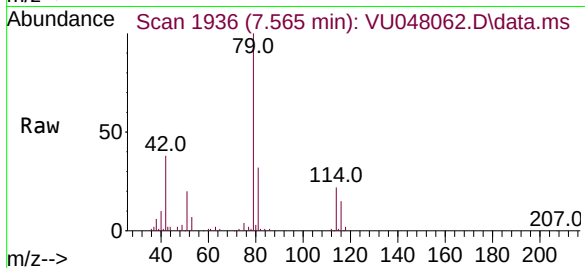
C0J75

Tgt Ion: 75 Resp: 3317

Ion Ratio Lower Upper

75 100

77 49.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.673 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048062.D

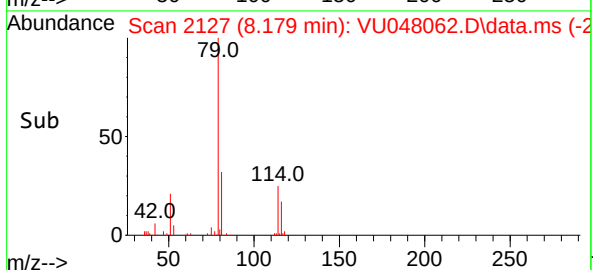
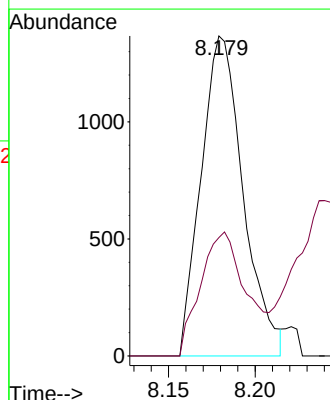
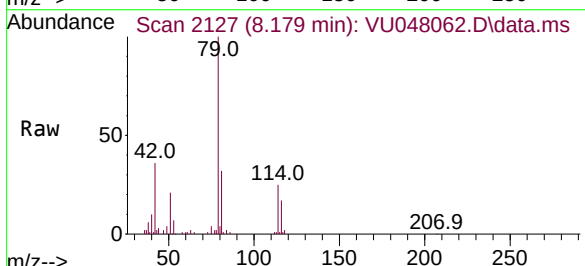
Acq: 14 Apr 2022 16:44

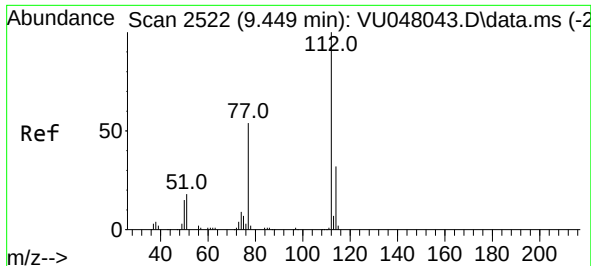
Tgt Ion: 75 Resp: 2306

Ion Ratio Lower Upper

75 100

77 37.0 22.0 40.8

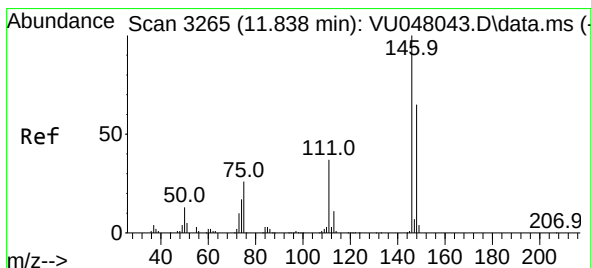
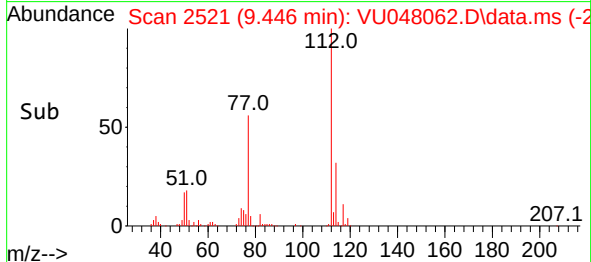
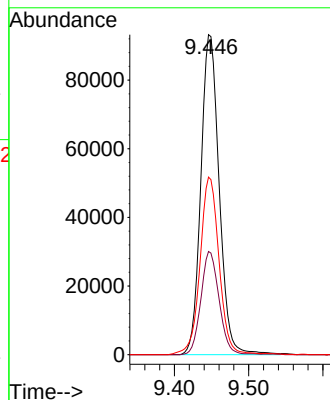
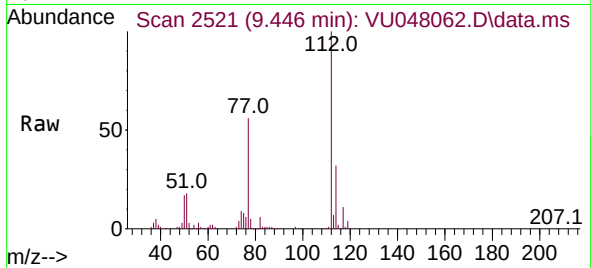




#51
Chlorobenzene
Concen: 24.736 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048062.D
Acq: 14 Apr 2022 16:44

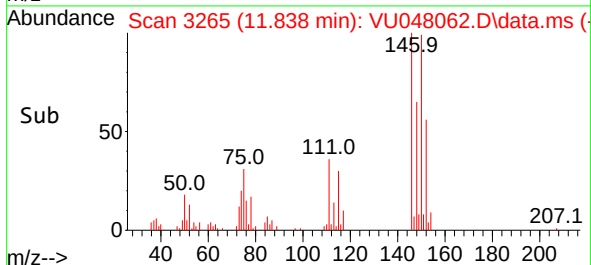
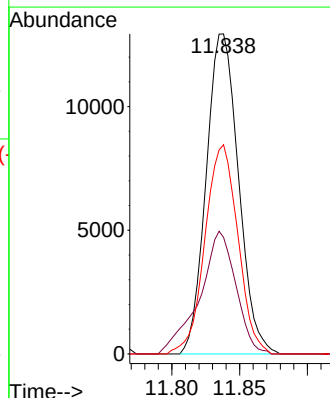
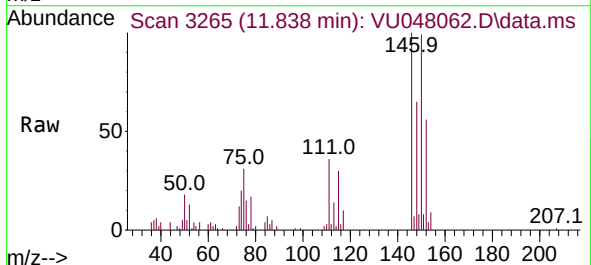
Instrument :
MSVOA_U
ClientSampleId :
C0J75

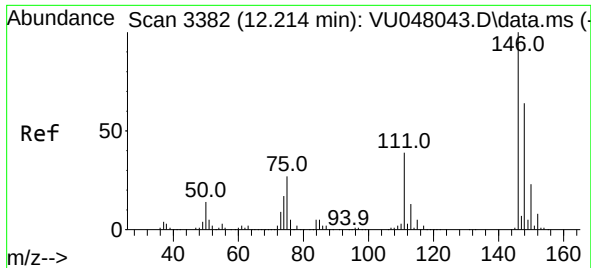
Tgt Ion:112 Resp: 160226
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.5 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 4.487 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048062.D
Acq: 14 Apr 2022 16:44

Tgt Ion:146 Resp: 21475
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 65.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 3.774 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048062.D

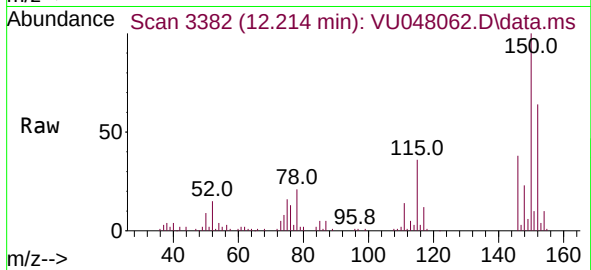
Acq: 14 Apr 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

C0J75



Tgt Ion:146 Resp: 17447

Ion Ratio Lower Upper

146 100

111 37.8 31.7 47.5

148 61.5 51.4 77.2

