

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048165.D
 Acq On : 21 Apr 2022 12:15
 Operator : SY/MD
 Sample : N2486-08DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J40DL

Quant Time: Apr 22 01:49:11 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)

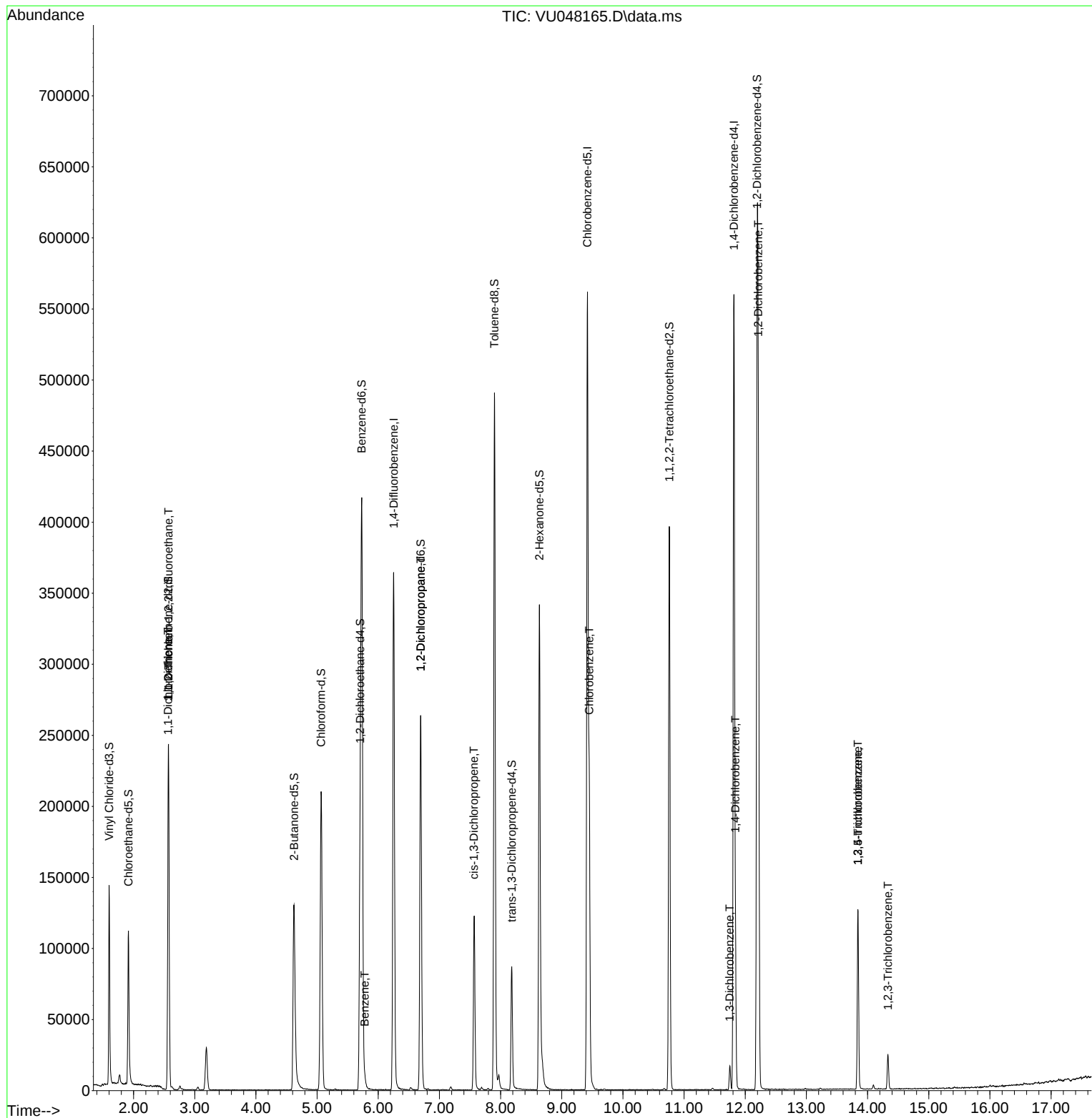
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315562	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	340779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	162621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105577	46.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.280%		
7) Chloroethane-d5	1.915	69	88519	49.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.120%		
11) 1,1-Dichloroethene-d2	2.568	63	138574	33.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.200%		
21) 2-Butanone-d5	4.623	46	179846	91.565	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.560%		
24) Chloroform-d	5.066	84	198835	47.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	5.703	65	124025	48.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
32) Benzene-d6	5.729	84	401804	46.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	6.693	67	131602	49.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.940%		
41) Toluene-d8	7.899	98	340965	40.812	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.620%		
43) trans-1,3-Dichloroprop...	8.182	79	51143	38.334	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.660%		
47) 2-Hexanone-d5	8.635	63	119180	77.308	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.310%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204948	45.348	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.700%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141457	48.893	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.780%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1219	0.524	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1076	0.497	ug/L #	1
33) Benzene	5.777	78	6483	0.657	ug/L	100
37) 1,2-Dichloropropane	6.693	63	13120	5.232	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2665	0.685	ug/L #	54
51) Chlorobenzene	9.449	112	117314	15.964	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8034	1.645	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	41915	8.284	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	176690	36.148	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	43208	10.891	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	43208	12.434	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	9009	2.586	ug/L	98

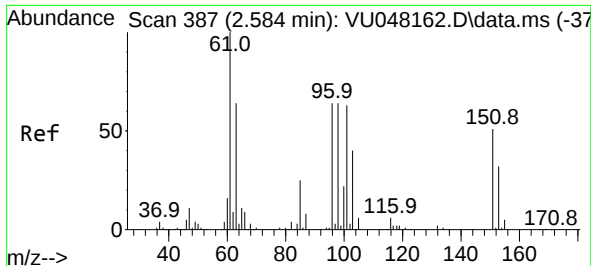
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 01:48:00 2022
Response via : Initial Calibration





#10

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

Concen: 0.524 ug/L

RT: 2.571 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048165.D

Acq: 21 Apr 2022 12:15

Instrument :

MSVOA_U

ClientSampleId :

C0J40DL

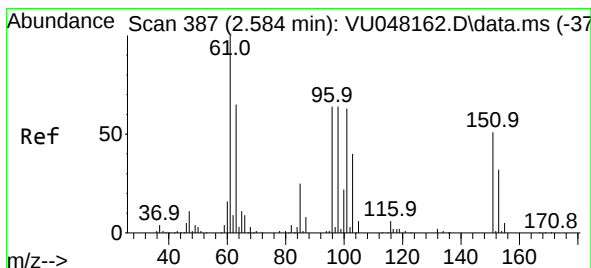
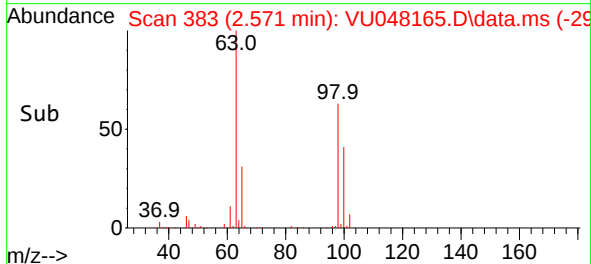
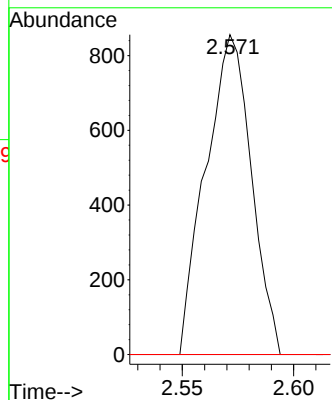
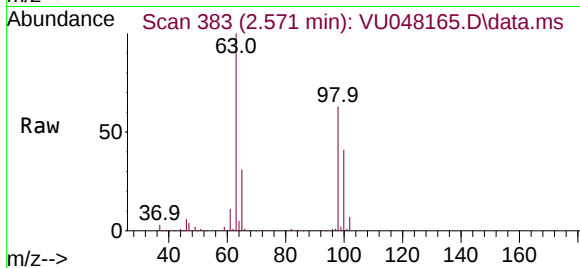
Tgt Ion:101 Resp: 1219

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: 0.497 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU048165.D

Acq: 21 Apr 2022 12:15

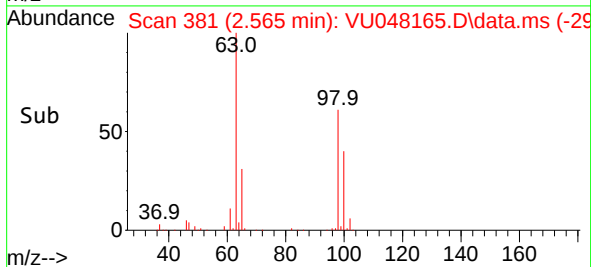
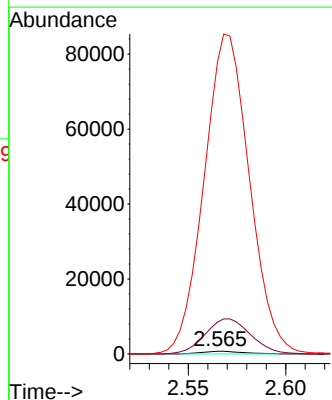
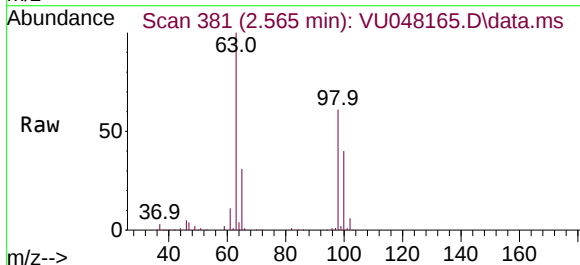
Tgt Ion: 96 Resp: 1076

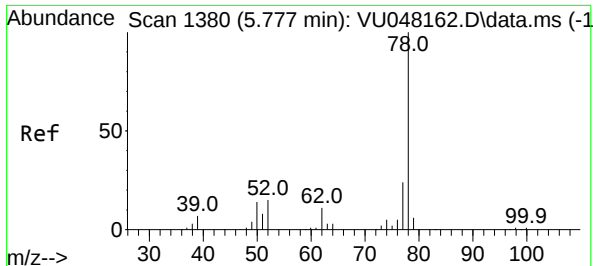
Ion Ratio Lower Upper

96 100

61 1191.0 113.1 210.1#

63 10924.0 94.8 176.0#

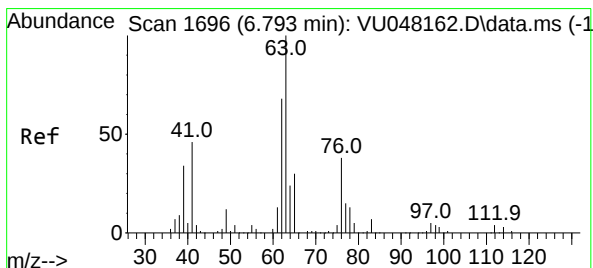
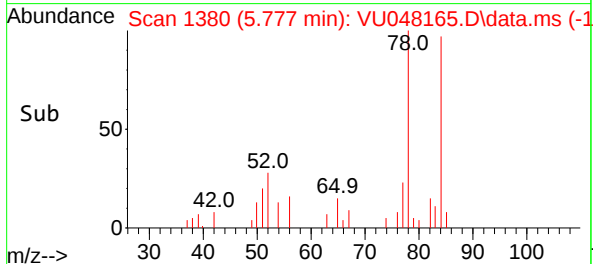
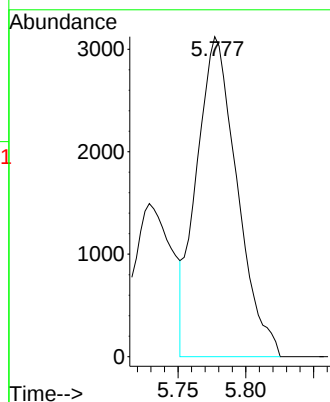
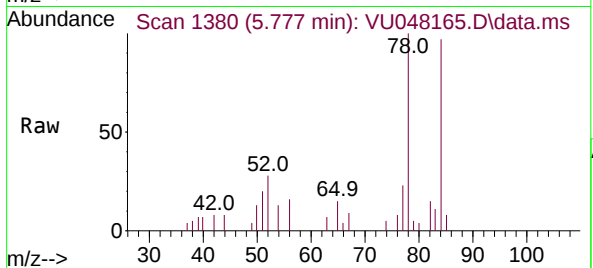




#33
Benzene
Concen: 0.657 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

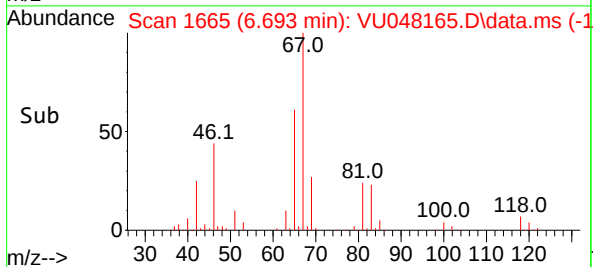
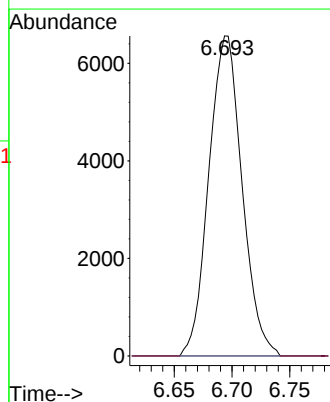
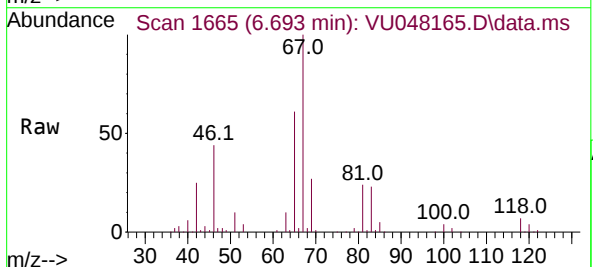
Instrument :
MSVOA_U
ClientSampleId :
C0J40DL

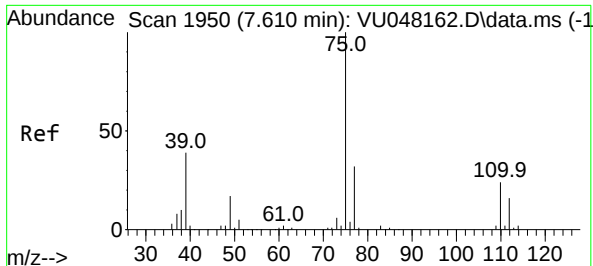
Tgt Ion: 78 Resp: 6483



#37
1,2-Dichloropropane
Concen: 5.232 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Tgt Ion: 63 Resp: 13120
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048165.D

Acq: 21 Apr 2022 12:15

Instrument :

MSVOA_U

ClientSampleId :

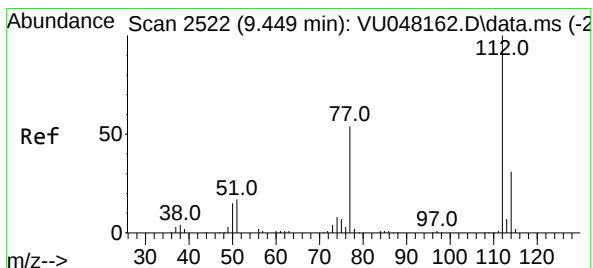
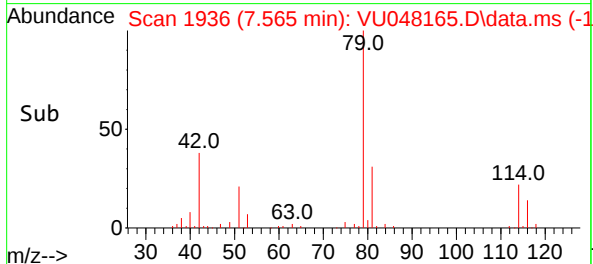
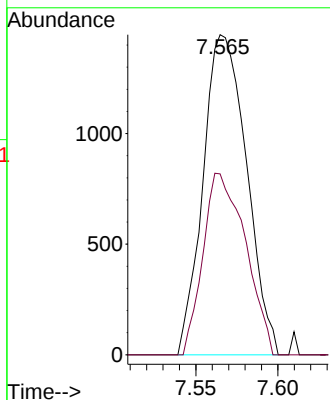
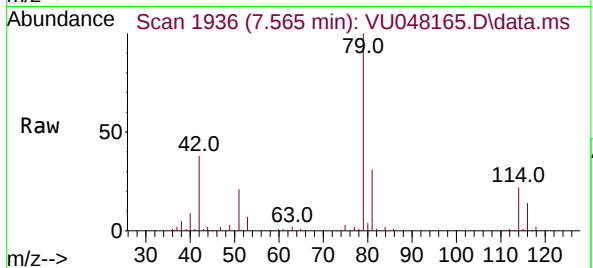
C0J40DL

Tgt Ion: 75 Resp: 2665

Ion Ratio Lower Upper

75 100

77 56.5 21.8 40.6#



#51

Chlorobenzene

Concen: 15.964 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048165.D

Acq: 21 Apr 2022 12:15

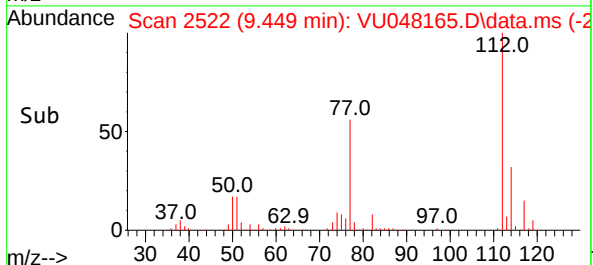
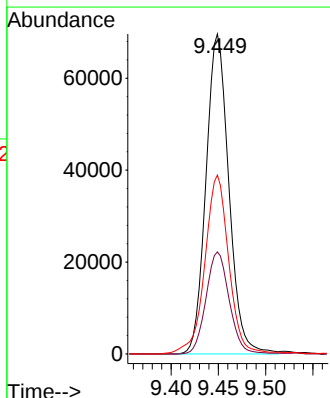
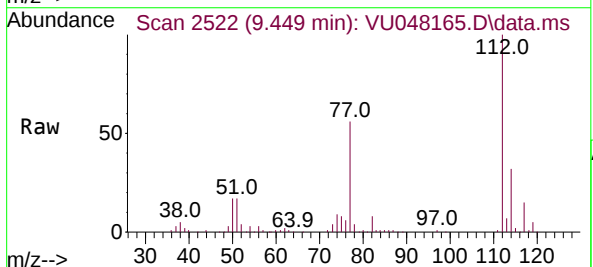
Tgt Ion: 112 Resp: 117314

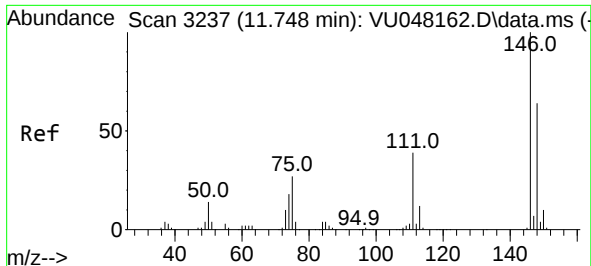
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

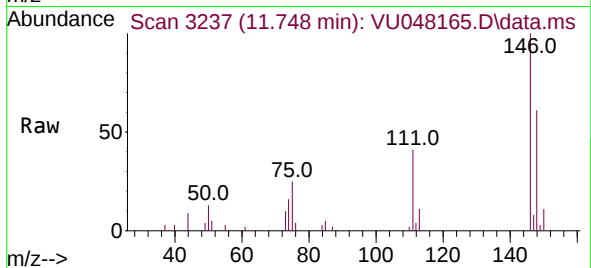
77 55.9 43.4 65.0



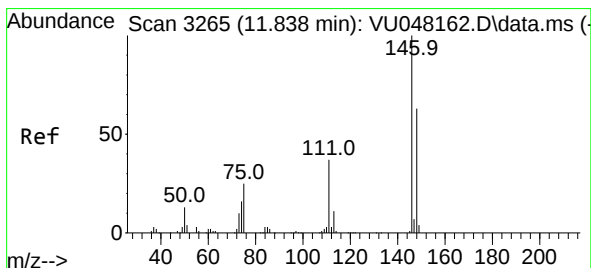
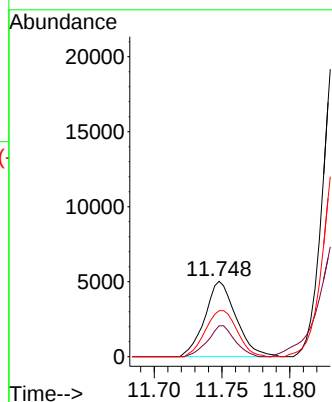
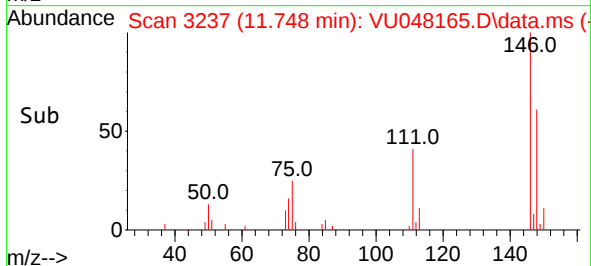


#64
1,3-Dichlorobenzene
Concen: 1.645 ug/L
RT: 11.748 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

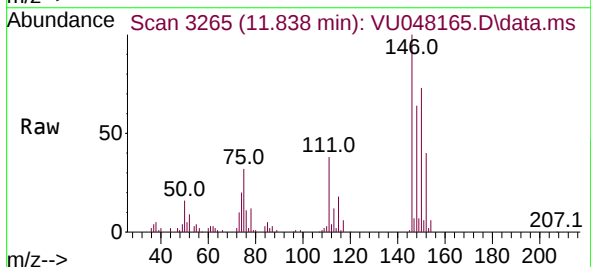
Instrument :
MSVOA_U
ClientSampleId :
C0J40DL



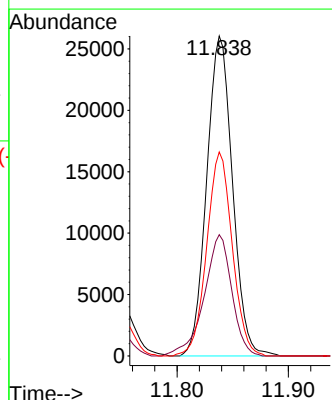
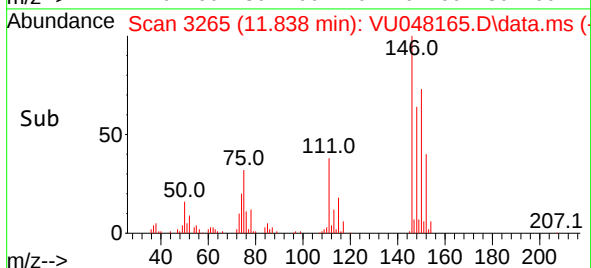
Tgt Ion:146 Resp: 8034
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 60.9 44.4 82.5

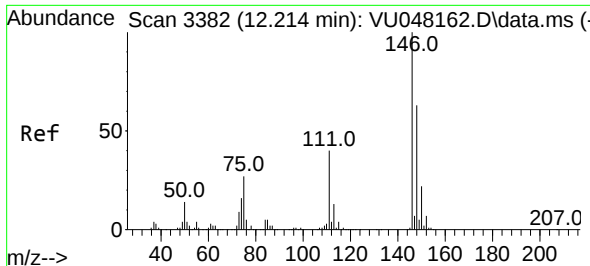


#65
1,4-Dichlorobenzene
Concen: 8.284 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15



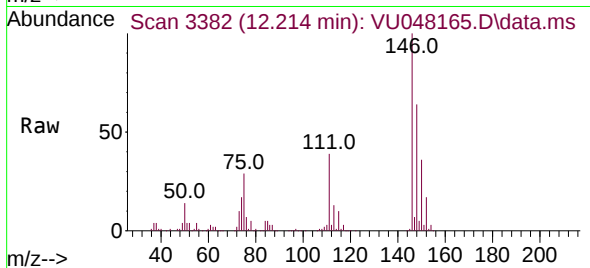
Tgt Ion:146 Resp: 41915
Ion Ratio Lower Upper
146 100
111 37.9 25.3 47.1
148 63.7 44.5 82.7



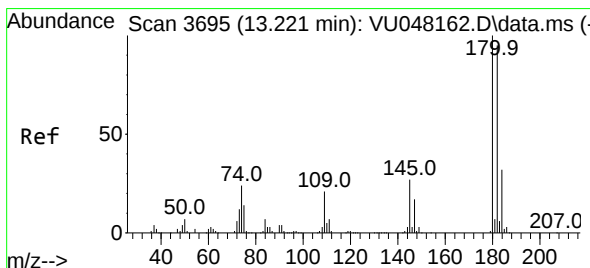
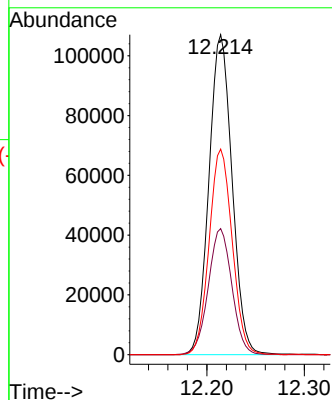
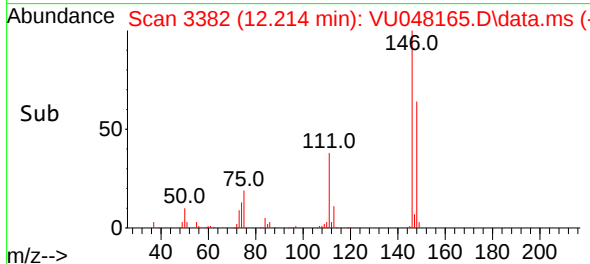


#67
1,2-Dichlorobenzene
Concen: 36.148 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

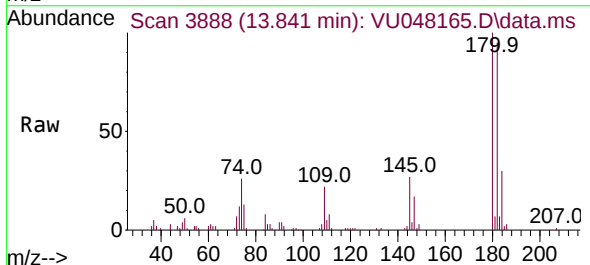
Instrument :
MSVOA_U
ClientSampleId :
C0J40DL



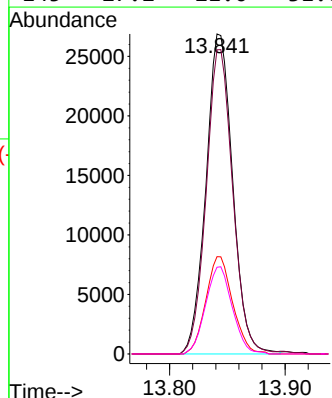
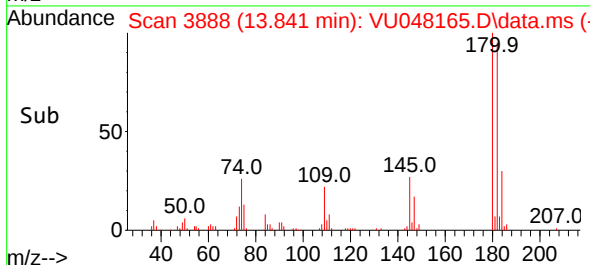
Tgt Ion:146 Resp: 176690
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 64.3 51.4 77.2

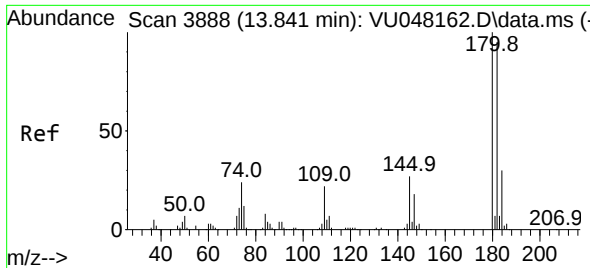


#69
1,3,5-Trichlorobenzene
Concen: 10.891 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.620 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15



Tgt Ion:180 Resp: 43208
Ion Ratio Lower Upper
180 100
182 94.1 77.0 115.6
184 30.5 24.5 36.7
145 27.2 21.0 31.6

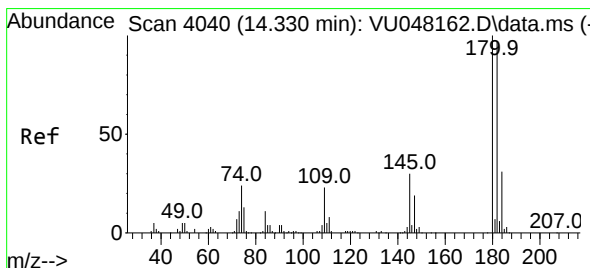
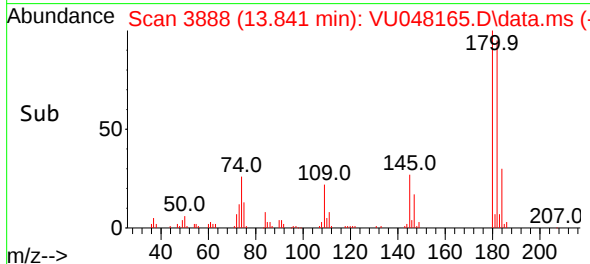
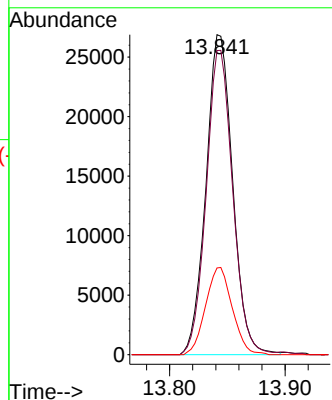
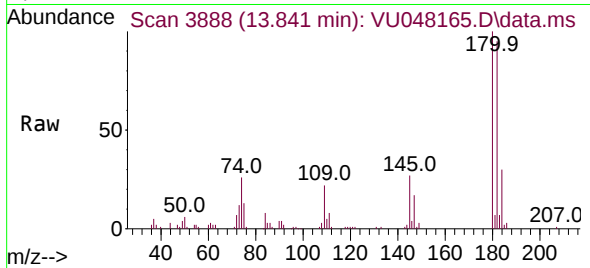




#70
1,2,4-trichlorobenzene
Concen: 12.434 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Instrument :
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ClientSampleId :
C0J40DL

Tgt Ion:180 Resp: 43208
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 27.2 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 2.586 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Tgt Ion:180 Resp: 9009
Ion Ratio Lower Upper
180 100
182 99.3 77.4 116.0
145 29.1 22.8 34.2

