

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048191.D
 Acq On : 21 Apr 2022 22:54
 Operator : SY/MD
 Sample : N2485-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J15

Quant Time: Apr 22 06:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

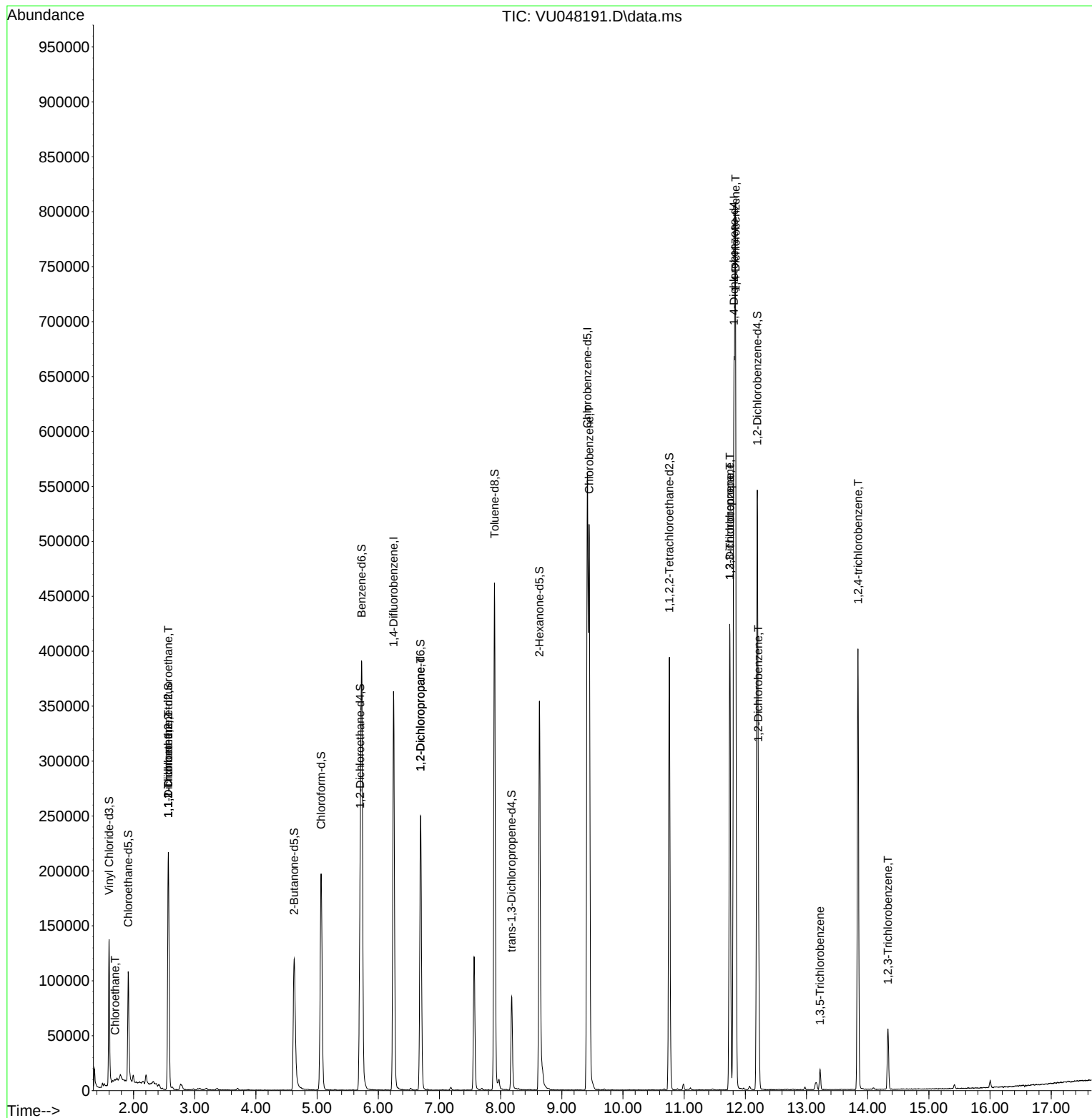
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	172193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91876	40.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.900%		
7) Chloroethane-d5	1.913	69	79740	45.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.140%		
11) 1,1-Dichloroethene-d2	2.569	63	126433	30.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.600%		
21) 2-Butanone-d5	4.623	46	173948	90.319	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.320%		
24) Chloroform-d	5.067	84	189321	46.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.220%		
26) 1,2-Dichloroethane-d4	5.703	65	118132	46.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
32) Benzene-d6	5.729	84	375097	44.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.460%		
36) 1,2-Dichloropropane-d6	6.691	67	126148	48.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	7.899	98	317892	38.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.820%#		
43) trans-1,3-Dichloroprop...	8.179	79	49557	37.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.960%		
47) 2-Hexanone-d5	8.633	63	118381	78.521	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197499	44.685	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.380%		
66) 1,2-Dichlorobenzene-d4	12.195	152	147717	48.219	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.440%		
Target Compounds						Qvalue
8) Chloroethane	1.700	64	5610	3.194	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1201	0.527	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	956	0.450	ug/L #	1
37) 1,2-Dichloropropane	6.691	63	12307	5.019	ug/L #	87
51) Chlorobenzene	9.449	112	281984	39.237	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	50506	15.559	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	186408	36.038	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	320330	59.789	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62326	12.042	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	6506	1.549	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	133097	36.172	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	19478	5.280	ug/L	99

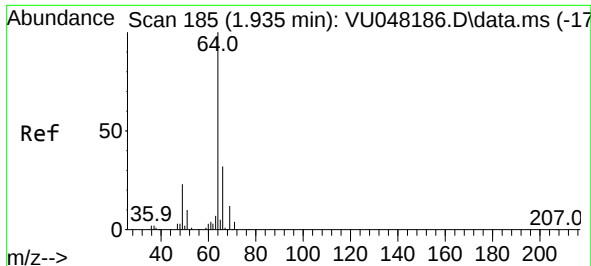
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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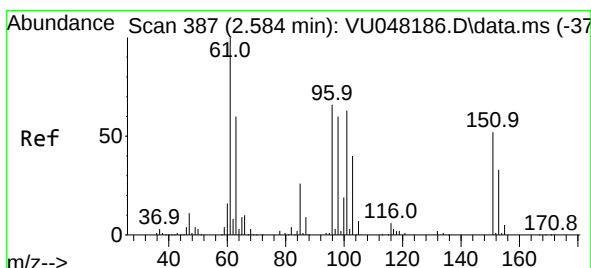
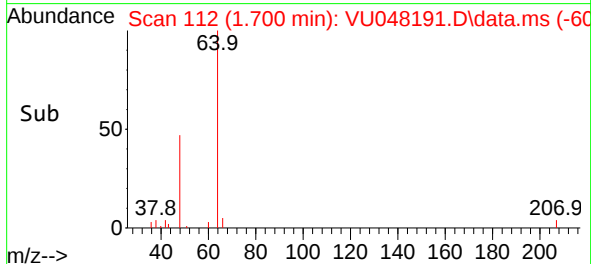
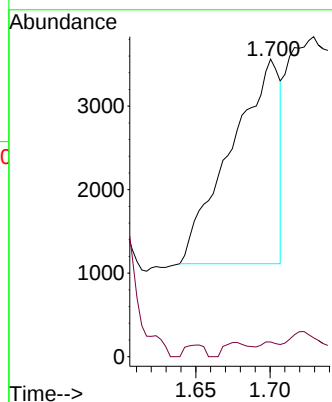
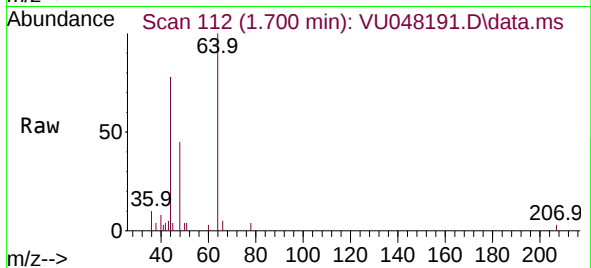




#8
Chloroethane
Concen: 3.194 ug/L
RT: 1.700 min Scan# 11
Delta R.T. -0.234 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

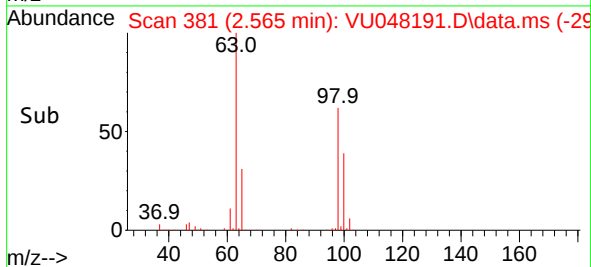
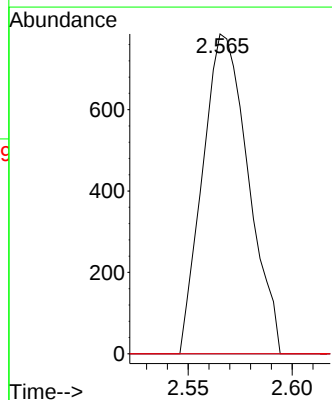
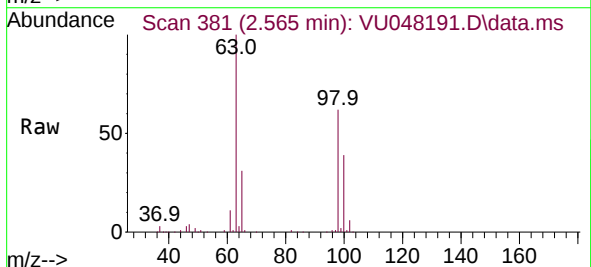
Instrument :
MSVOA_V
ClientSampleId :
C0J15

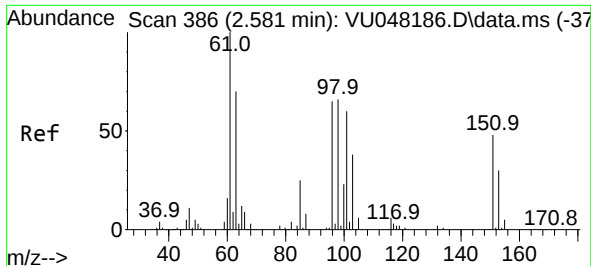
Tgt Ion: 64 Resp: 5610
Ion Ratio Lower Upper
64 100
66 5.0 23.3 43.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.527 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Tgt Ion:101 Resp: 1201
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: 0.450 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU048191.D

Acq: 21 Apr 2022 22:54

Instrument :

MSVOA_V

ClientSampleId :

C0J15

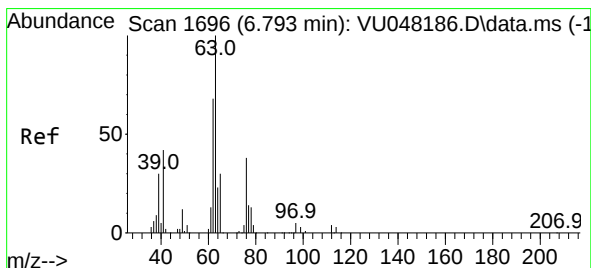
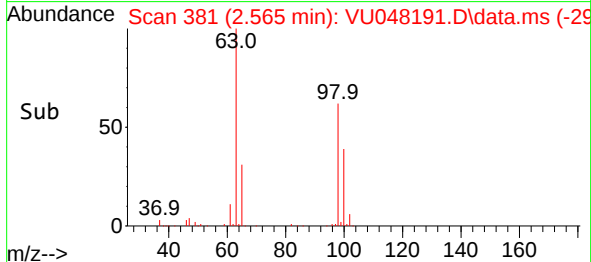
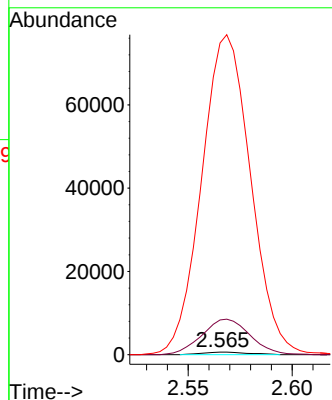
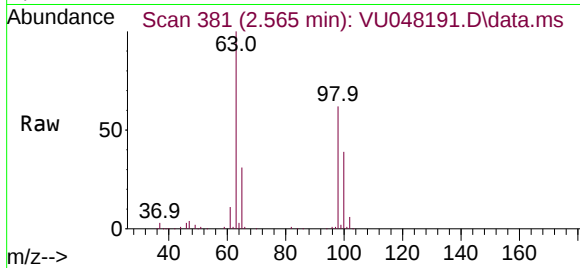
Tgt Ion: 96 Resp: 956

Ion Ratio Lower Upper

96 100

61 1339.5 113.1 210.1#

63 12014.1 94.8 176.0#



#37

1,2-Dichloropropane

Concen: 5.019 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048191.D

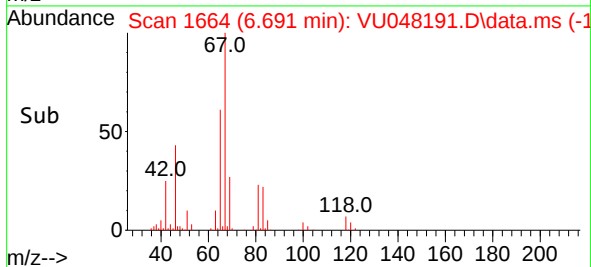
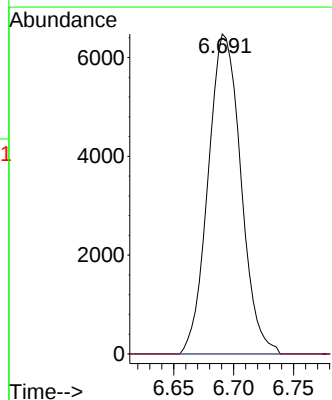
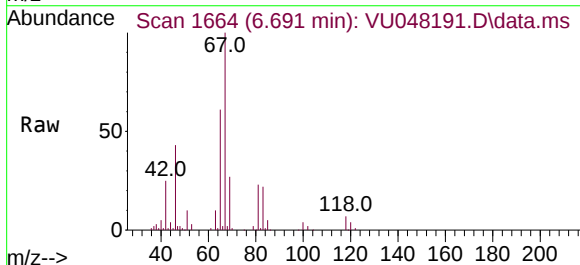
Acq: 21 Apr 2022 22:54

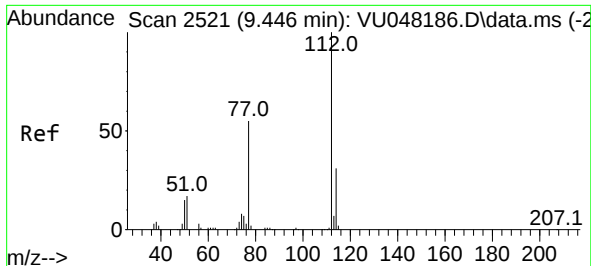
Tgt Ion: 63 Resp: 12307

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

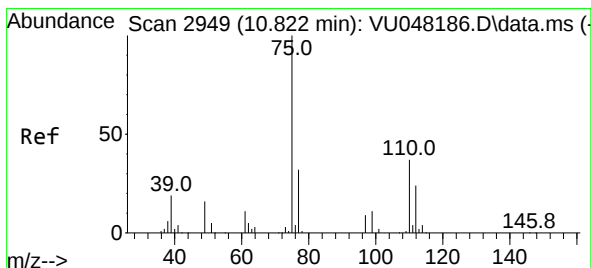
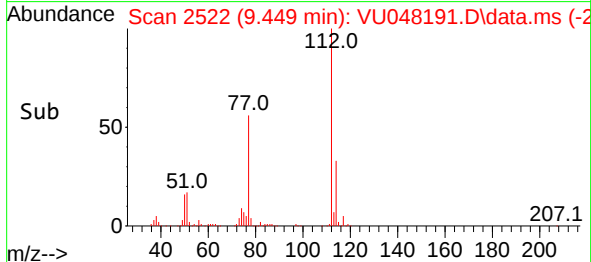
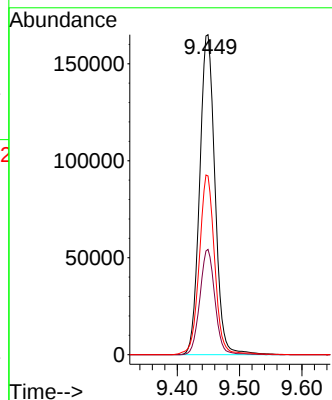
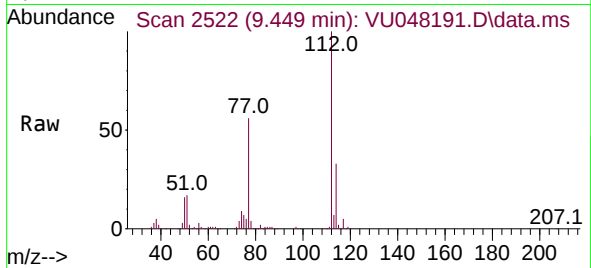




#51
Chlorobenzene
Concen: 39.237 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

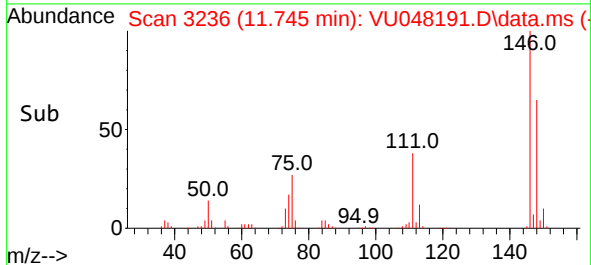
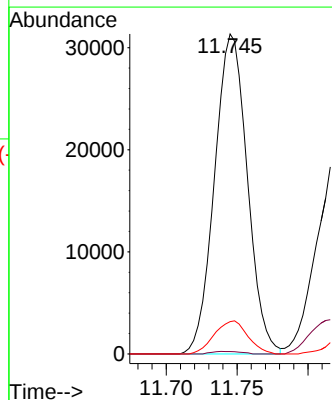
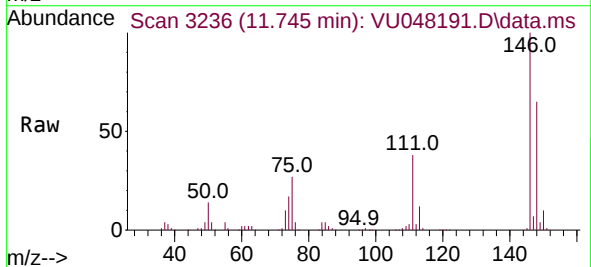
Instrument :
MSVOA_V
ClientSampleId :
C0J15

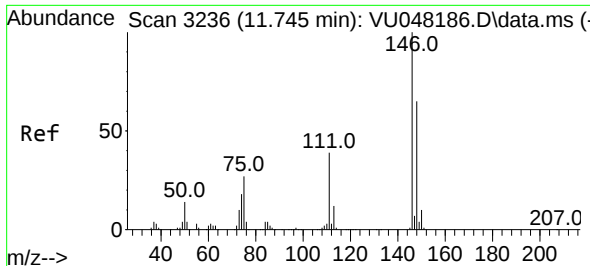
Tgt Ion:112 Resp: 281984
Ion Ratio Lower Upper
112 100
114 32.9 22.1 41.1
77 55.8 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 15.559 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Tgt Ion: 75 Resp: 50506
Ion Ratio Lower Upper
75 100
77 0.7 26.0 39.0#
110 10.5 31.4 47.2#

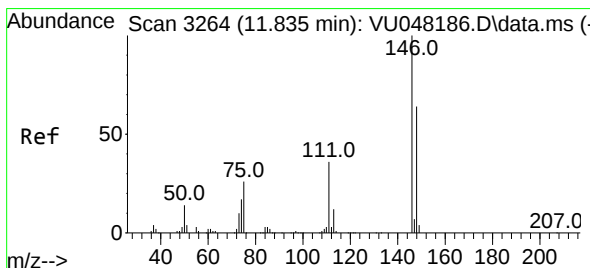
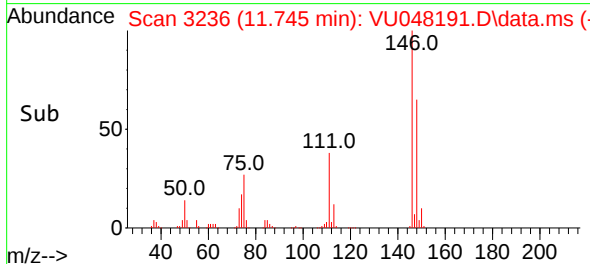
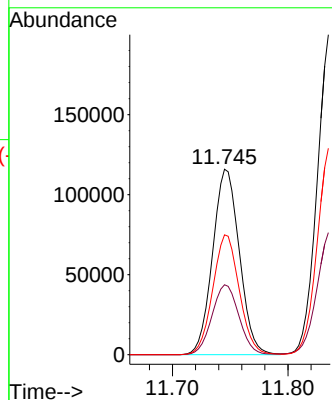
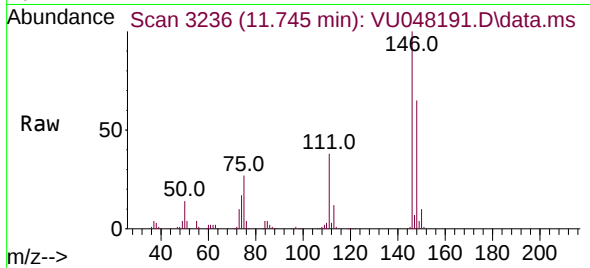




#64
1,3-Dichlorobenzene
Concen: 36.038 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

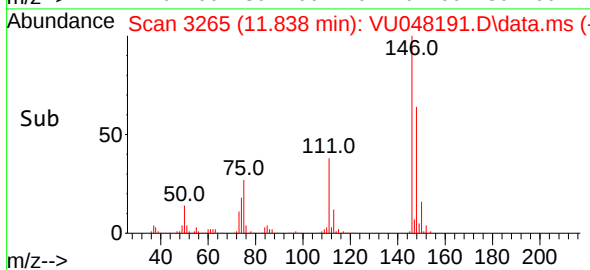
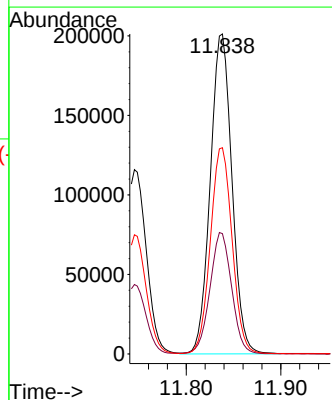
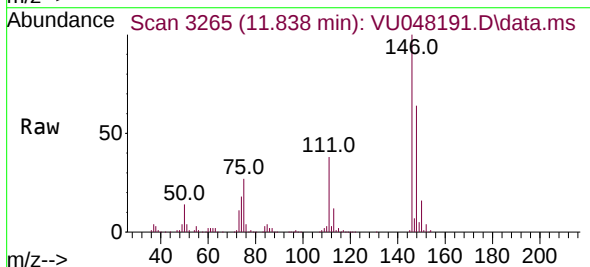
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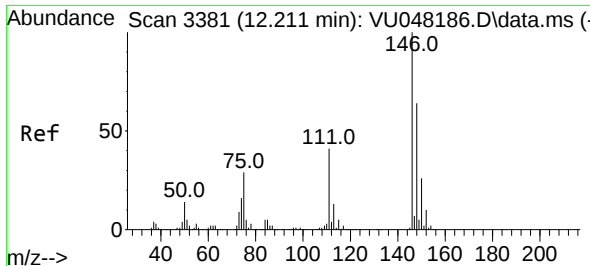
Tgt Ion:146 Resp: 186408
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 59.789 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.004 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Tgt Ion:146 Resp: 320330
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 12.042 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048191.D

Acq: 21 Apr 2022 22:54

Instrument :

MSVOA_V

ClientSampleId :

C0J15

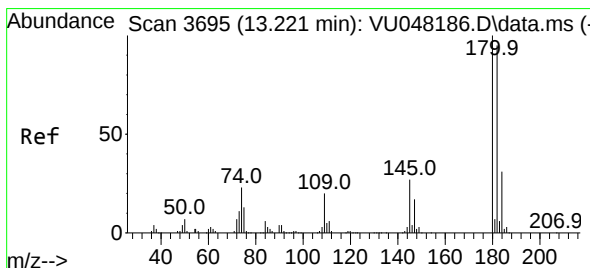
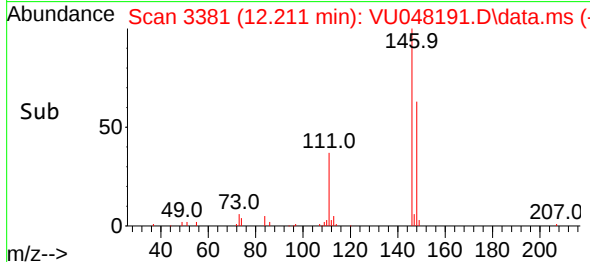
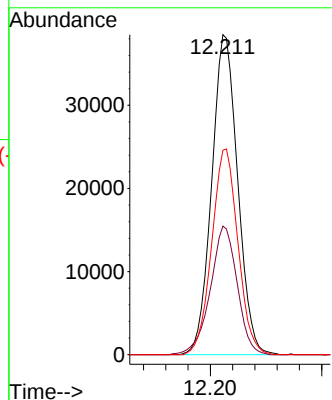
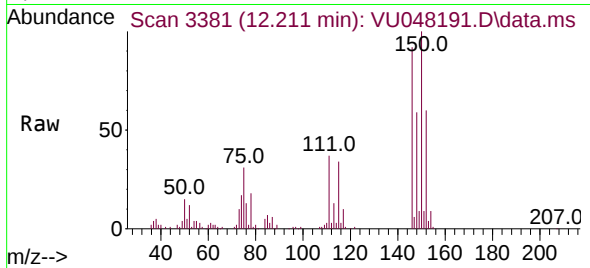
Tgt Ion:146 Resp: 62326

Ion Ratio Lower Upper

146 100

111 40.2 31.7 47.5

148 63.9 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.549 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU048191.D

Acq: 21 Apr 2022 22:54

Tgt Ion:180 Resp: 6506

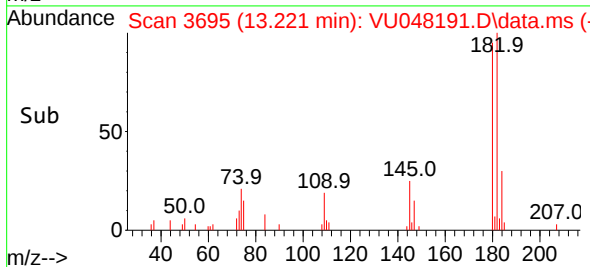
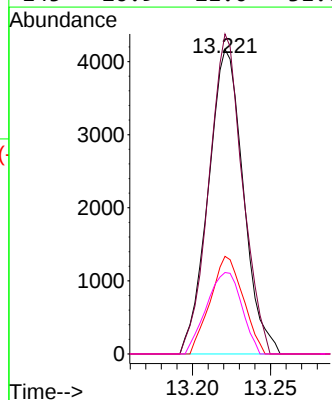
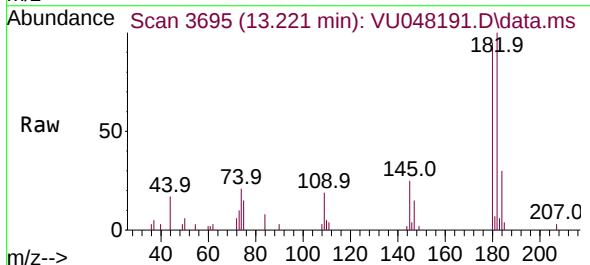
Ion Ratio Lower Upper

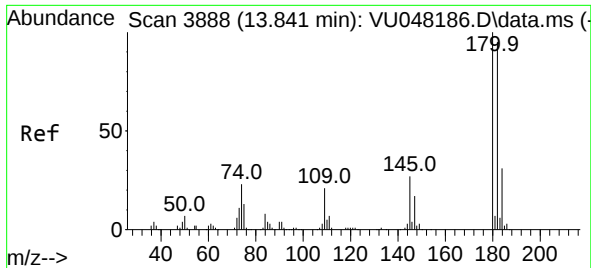
180 100

182 100.1 77.0 115.6

184 29.9 24.5 36.7

145 26.9 21.0 31.6

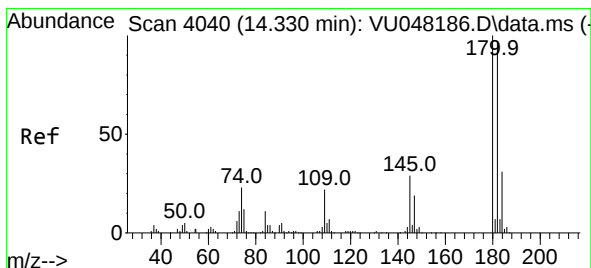
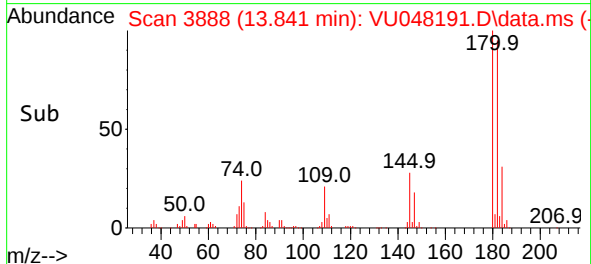
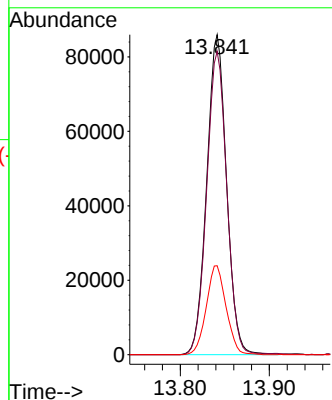
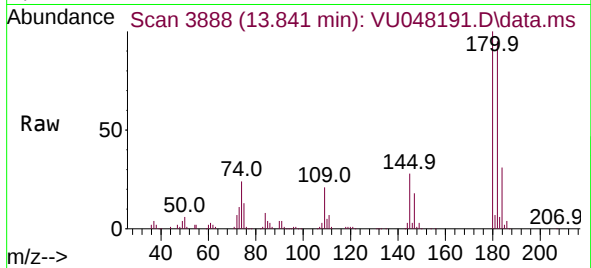




#70
1,2,4-trichlorobenzene
Concen: 36.172 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
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Tgt Ion:180 Resp: 133097
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 27.7 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 5.280 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Tgt Ion:180 Resp: 19478
Ion Ratio Lower Upper
180 100
182 95.5 77.4 116.0
145 28.1 22.8 34.2

