

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048185.D
 Acq On : 21 Apr 2022 20:02
 Operator : SY/MD
 Sample : N2486-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J37

Quant Time: Apr 22 01:54:01 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)

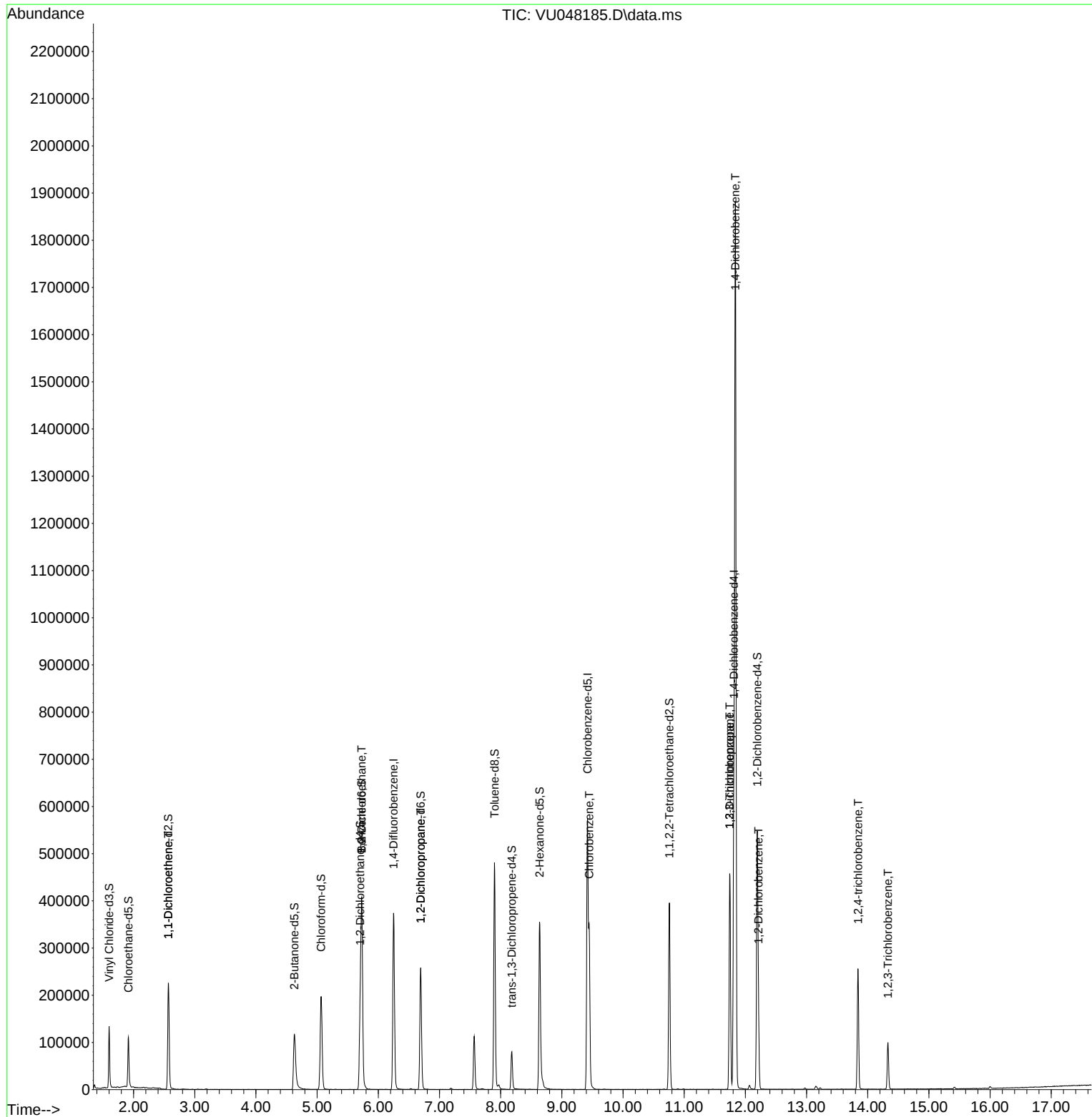
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319301	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	340828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175462	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	96359	41.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.916	69	83312	45.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.260%		
11) 1,1-Dichloroethene-d2	2.568	63	131579	31.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.120%		
21) 2-Butanone-d5	4.629	46	180806	90.976	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.980%		
24) Chloroform-d	5.067	84	190403	44.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.880%		
26) 1,2-Dichloroethane-d4	5.703	65	120819	46.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.729	84	386770	45.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	6.694	67	128642	48.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.680%		
41) Toluene-d8	7.899	98	327616	39.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.420%#		
43) trans-1,3-Dichloroprop...	8.182	79	47105	35.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.600%		
47) 2-Hexanone-d5	8.636	63	119221	77.324	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.320%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195714	43.299	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	150894	48.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.680%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	1081	0.494	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1944	0.574	ug/L #	75
37) 1,2-Dichloropropane	6.694	63	12657	5.047	ug/L #	87
51) Chlorobenzene	9.446	112	182498	24.830	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	53605	16.206	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	202261	38.374	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	789845	144.675	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	57038	10.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	87531	23.345	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	33593	8.937	ug/L	100

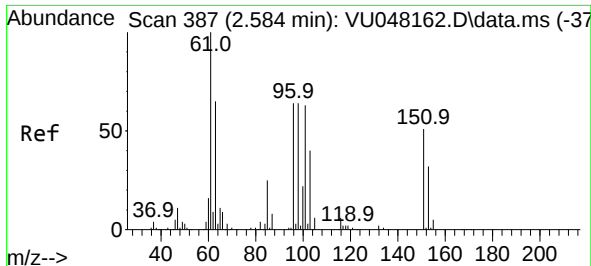
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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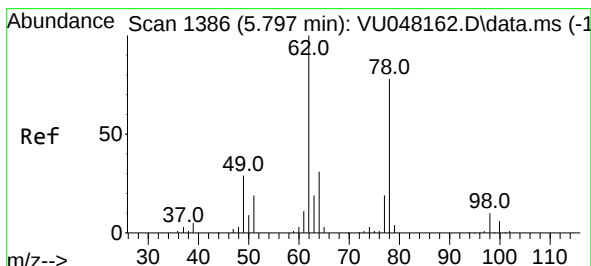
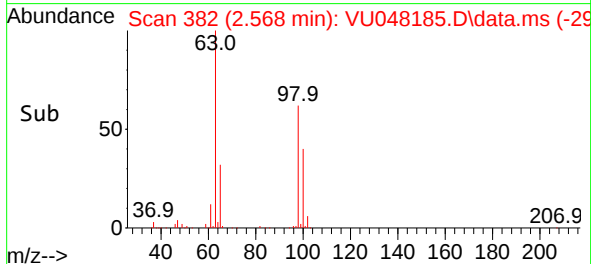
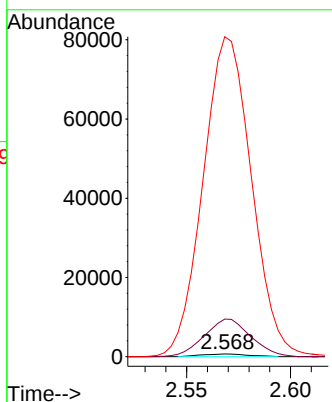
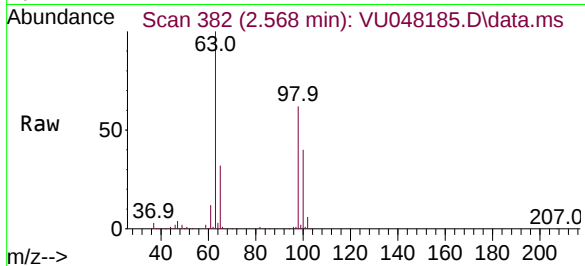




#12
1,1-Dichloroethene
Concen: 0.494 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

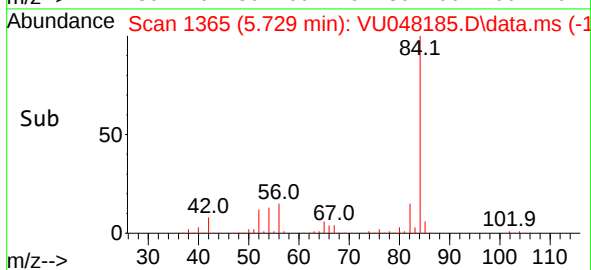
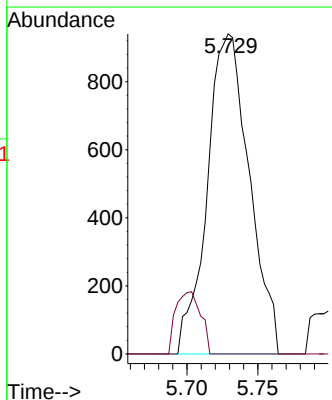
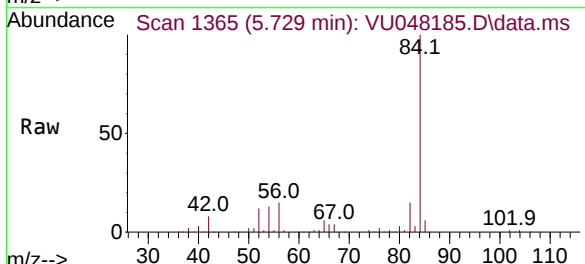
Instrument :
MSVOA_U
ClientSampleId :
C0J37

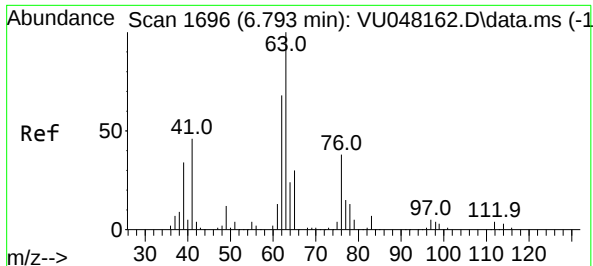
Tgt Ion: 96 Resp: 1081
Ion Ratio Lower Upper
96 100
61 1417.1 113.1 210.1#
63 12039.3 94.8 176.0#



#27
1,2-Dichloroethane
Concen: 0.574 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.068 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

Tgt Ion: 62 Resp: 1944
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#





#37

1,2-Dichloropropane

Concen: 5.047 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048185.D

Acq: 21 Apr 2022 20:02

Instrument :

MSVOA_U

ClientSampleId :

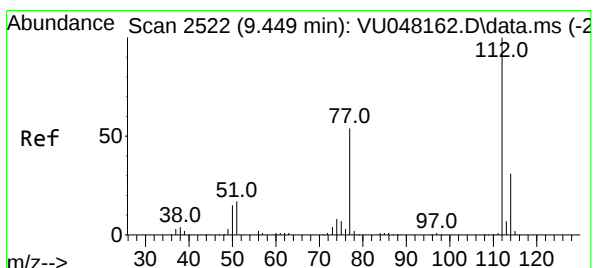
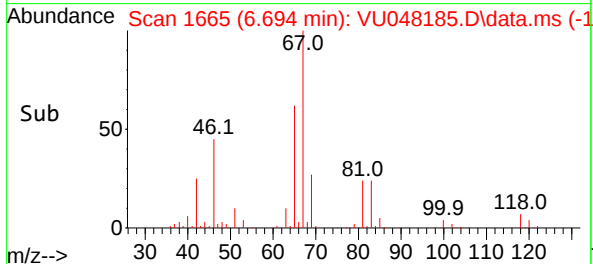
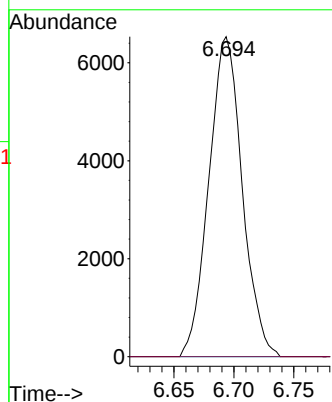
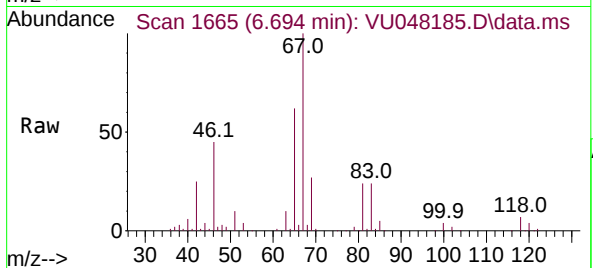
C0J37

Tgt Ion: 63 Resp: 12657

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#51

Chlorobenzene

Concen: 24.830 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048185.D

Acq: 21 Apr 2022 20:02

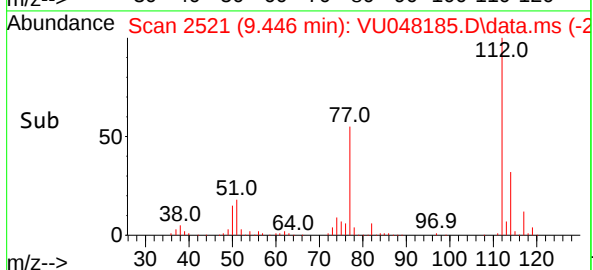
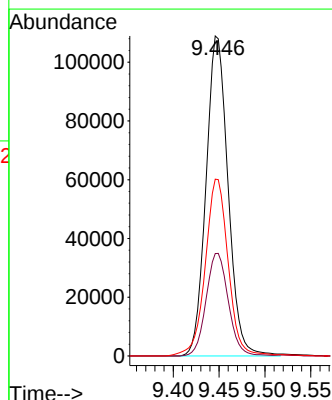
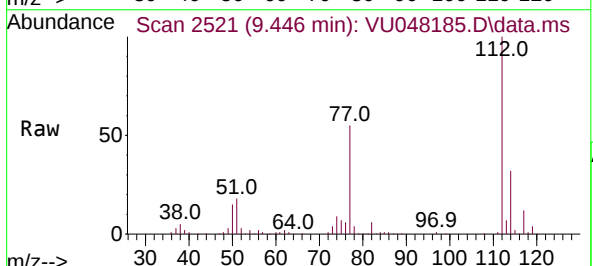
Tgt Ion: 112 Resp: 182498

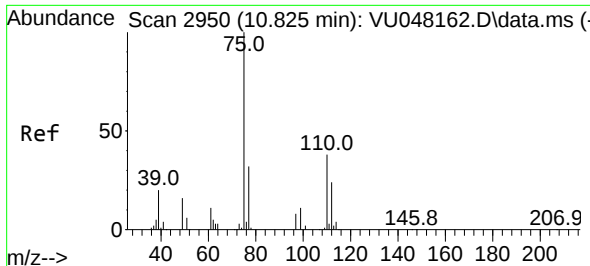
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 55.3 43.4 65.0

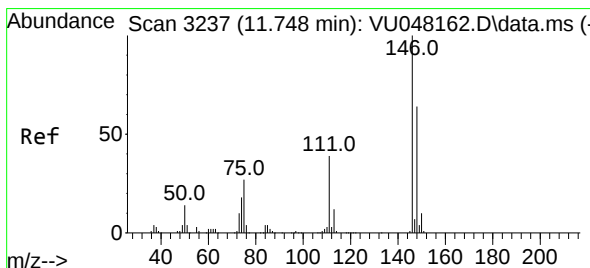
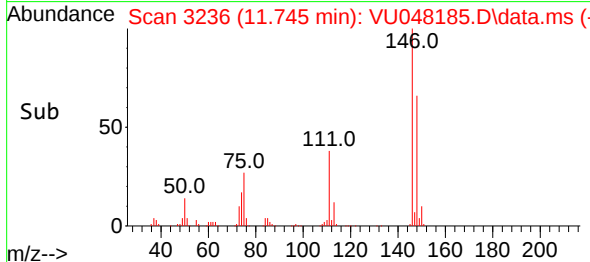
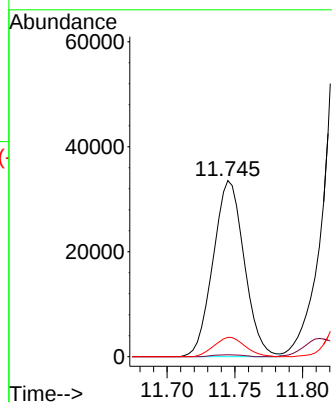
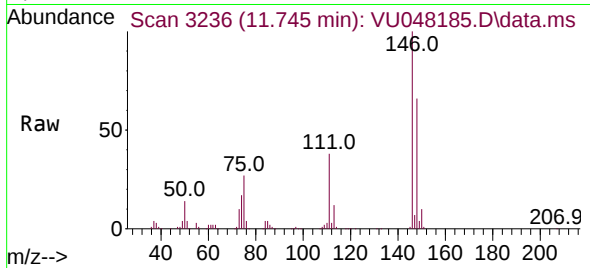




#60
1,2,3-Trichloropropane
Concen: 16.206 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.920 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

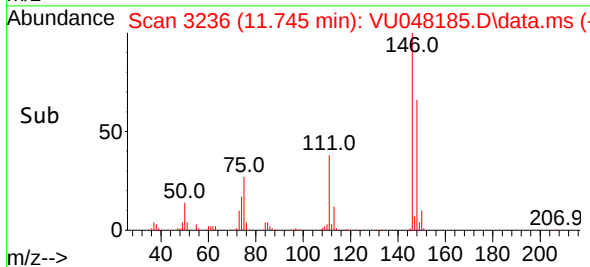
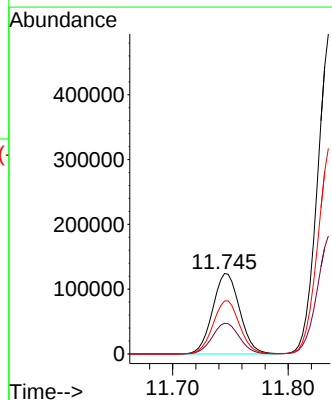
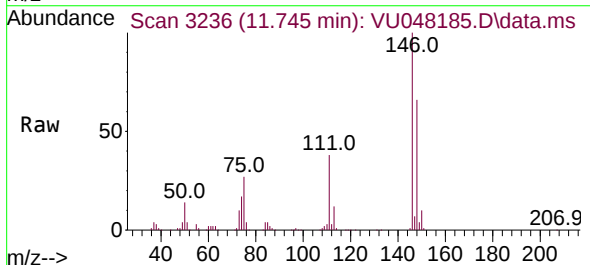
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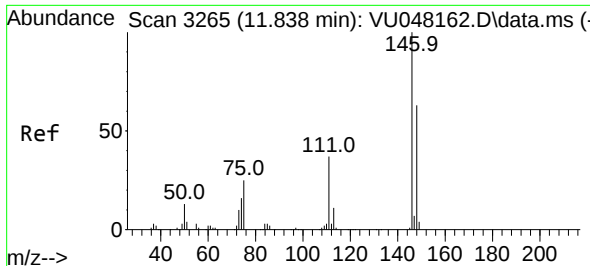
Tgt Ion: 75 Resp: 53605
Ion Ratio Lower Upper
75 100
77 1.0 26.0 39.0#
110 10.9 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 38.374 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

Tgt Ion:146 Resp: 202261
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 65.7 44.4 82.5

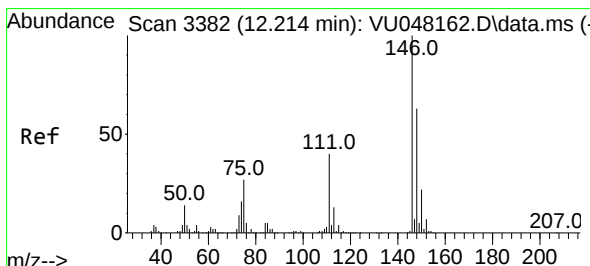
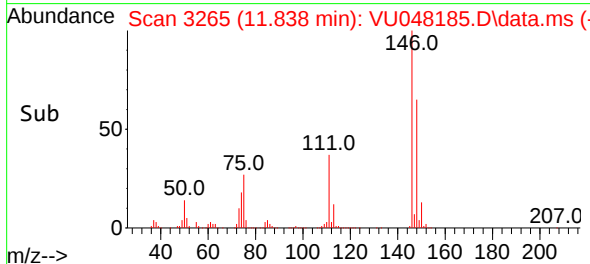
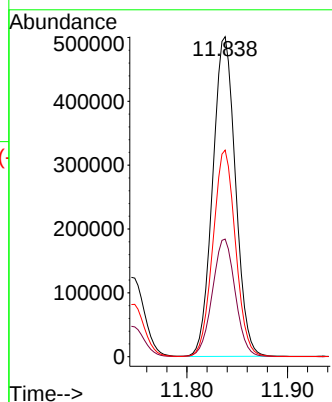
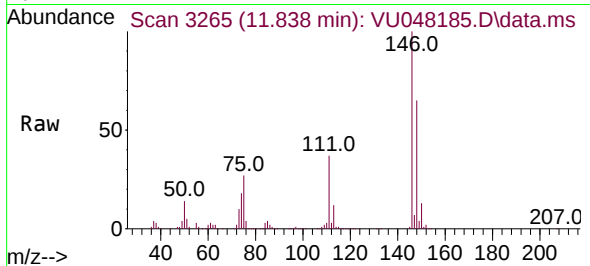




#65
 1,4-Dichlorobenzene
 Concen: 144.675 ug/L
 RT: 11.838 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048185.D
 Acq: 21 Apr 2022 20:02

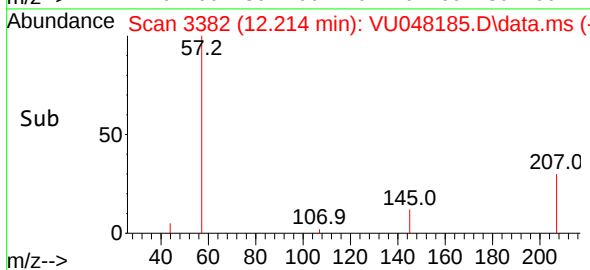
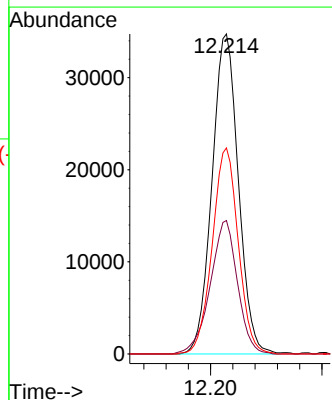
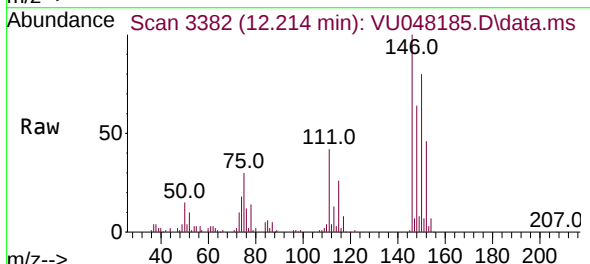
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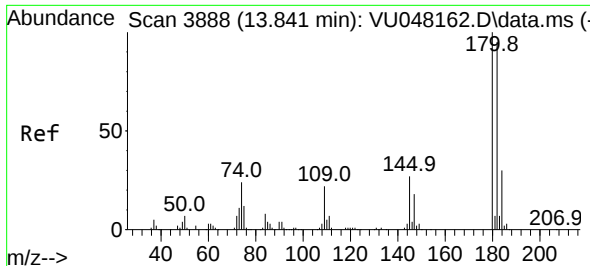
Tgt Ion:146 Resp: 789845
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.3 47.1
 148 64.6 44.5 82.7



#67
 1,2-Dichlorobenzene
 Concen: 10.815 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. -0.000 min
 Lab File: VU048185.D
 Acq: 21 Apr 2022 20:02

Tgt Ion:146 Resp: 57038
 Ion Ratio Lower Upper
 146 100
 111 41.7 31.7 47.5
 148 64.4 51.4 77.2

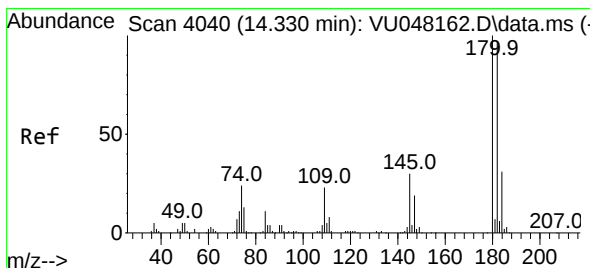
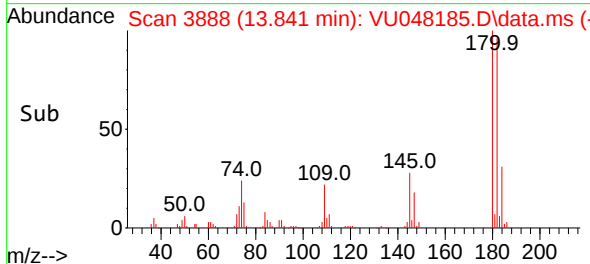
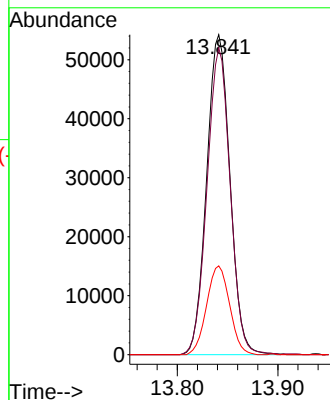
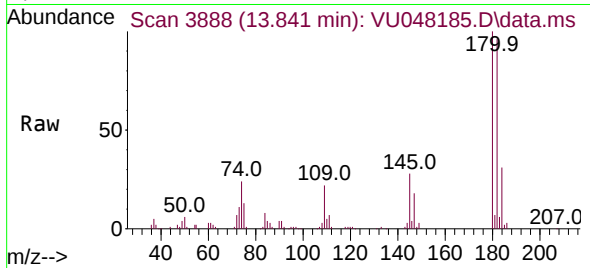




#70
1,2,4-trichlorobenzene
Concen: 23.345 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

Instrument :
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ClientSampleId :
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Tgt Ion:180 Resp: 87531
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 27.3 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 8.937 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048185.D
Acq: 21 Apr 2022 20:02

Tgt Ion:180 Resp: 33593
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 29.0 22.8 34.2

