

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047890.D
 Acq On : 09 Apr 2022 00:19
 Operator : SY/MD
 Sample : N2345-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J79

Quant Time: Apr 09 02:09:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

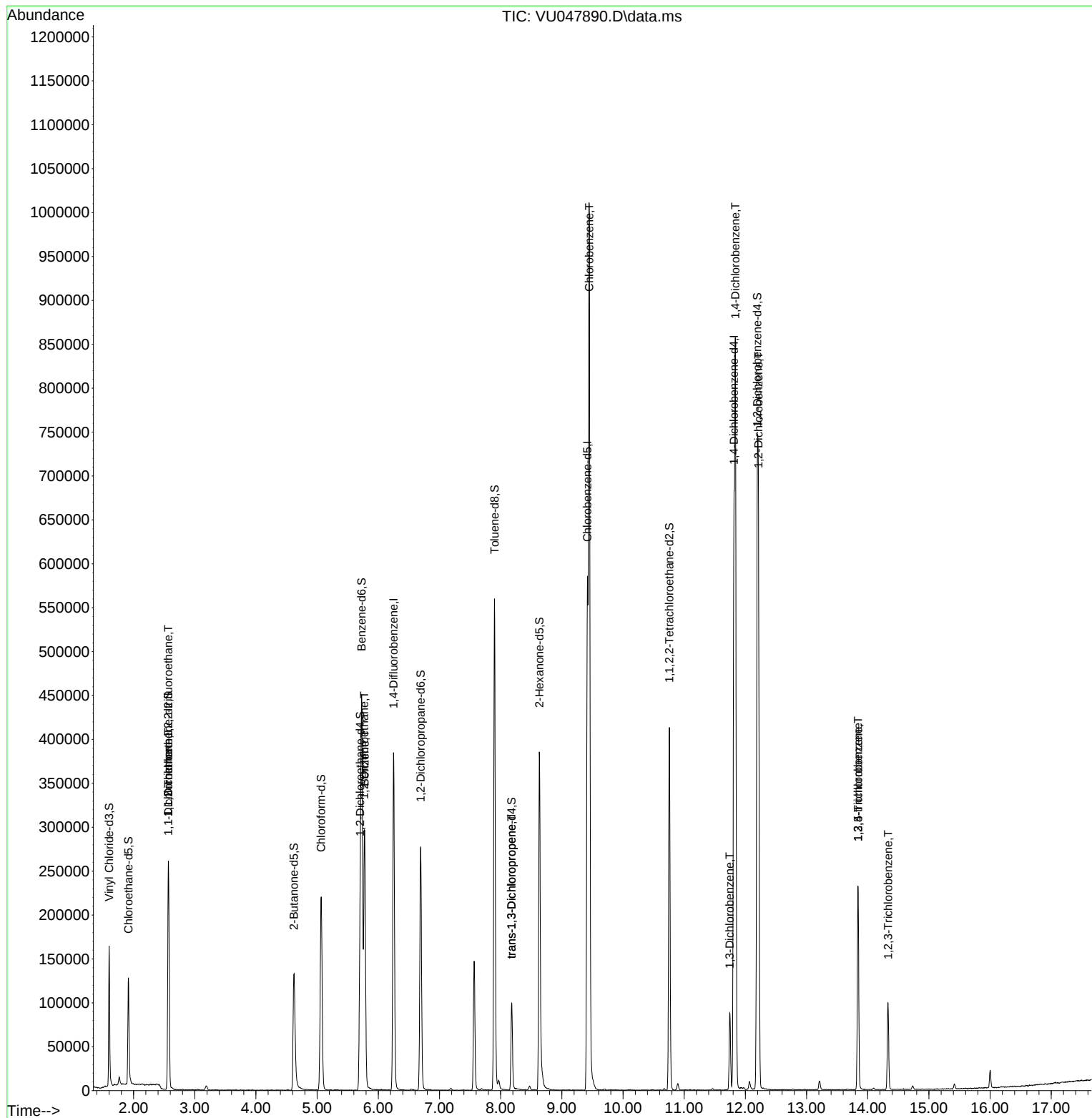
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324378	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	329687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115953	49.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.580%		
7) Chloroethane-d5	1.916	69	95692	51.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.180%		
11) 1,1-Dichloroethene-d2	2.568	63	148989	34.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.240%		
21) 2-Butanone-d5	4.620	46	191871	95.032	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.030%		
24) Chloroform-d	5.067	84	207927	48.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.620%		
26) 1,2-Dichloroethane-d4	5.703	65	134154	50.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.640%		
32) Benzene-d6	5.729	84	425469	51.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.580%		
36) 1,2-Dichloropropane-d6	6.694	67	135155	53.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.100%		
41) Toluene-d8	7.899	98	376685	46.604	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.200%		
43) trans-1,3-Dichloroprop...	8.179	79	57170	44.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.580%		
47) 2-Hexanone-d5	8.632	63	135001	90.517	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202720	46.364	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	159922	51.548	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1485	0.621	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1231	0.553	ug/L #	1
27) 1,2-Dichloroethane	5.771	62	2104	0.611	ug/L #	75
33) Benzene	5.777	78	290830	30.476	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2474	0.658	ug/L #	68
51) Chlorobenzene	9.449	112	564240	79.363	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	39263	7.495	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	335198	61.779	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	246553	47.040	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	78638	18.485	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	78638	21.104	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	34018	9.107	ug/L	100

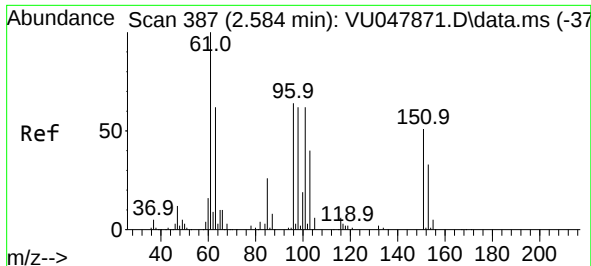
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 09 01:58:44 2022
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#10

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

Concen: 0.621 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Instrument :

MSVOA_U

ClientSampleId :

C0J79

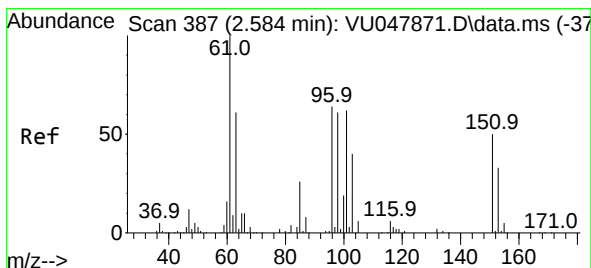
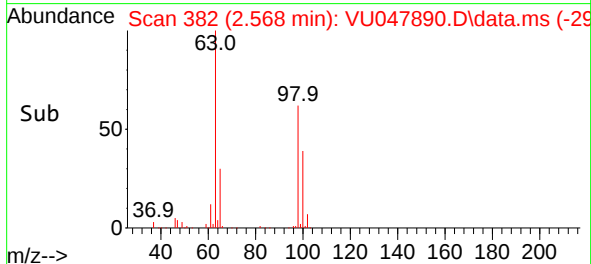
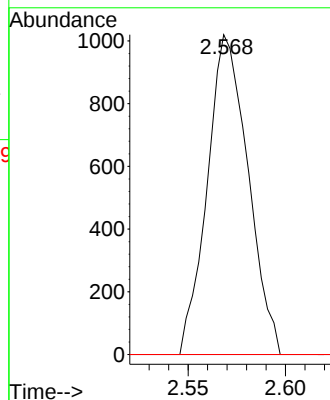
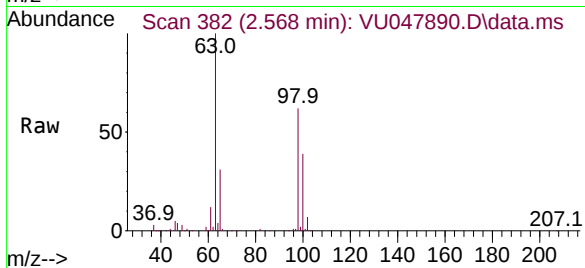
Tgt Ion:101 Resp: 1485

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: 0.553 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

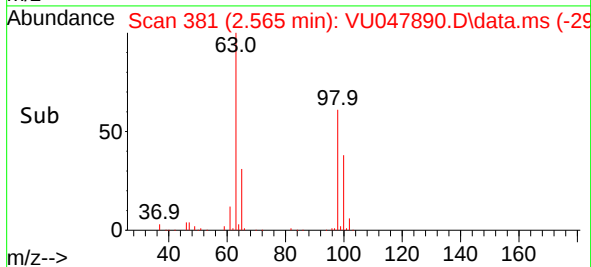
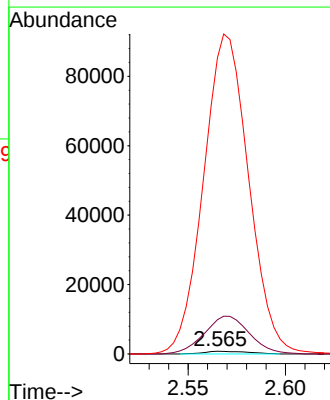
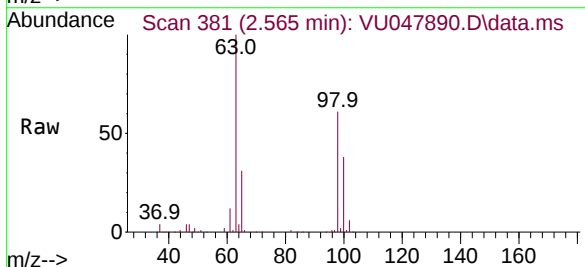
Tgt Ion: 96 Resp: 1231

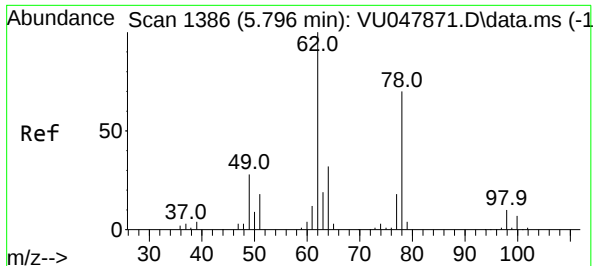
Ion Ratio Lower Upper

96 100

61 1249.6 113.1 210.1#

63 10838.6 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.611 ug/L

RT: 5.771 min Scan# 11

Delta R.T. -0.026 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Instrument :

MSVOA_U

ClientSampleId :

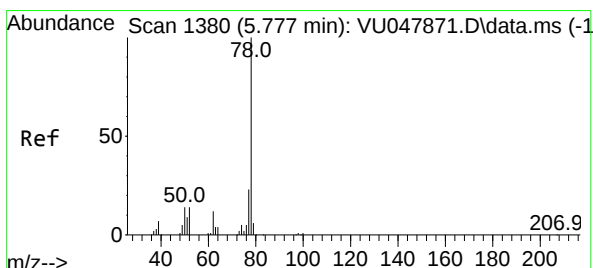
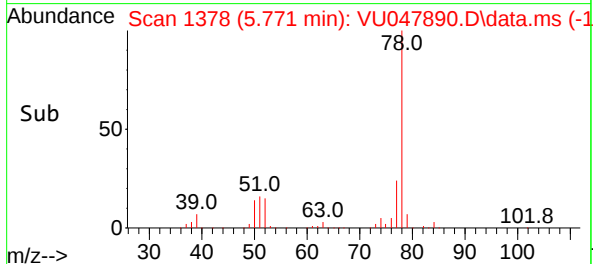
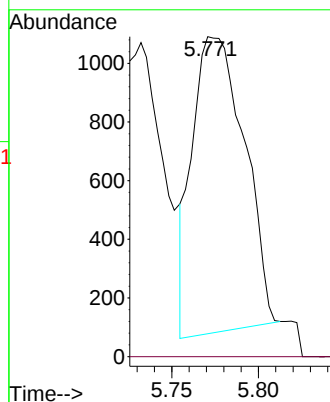
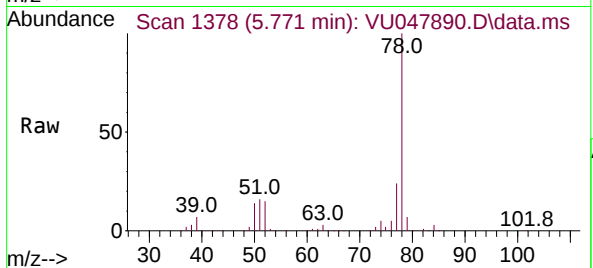
C0J79

Tgt Ion: 62 Resp: 2104

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 30.476 ug/L

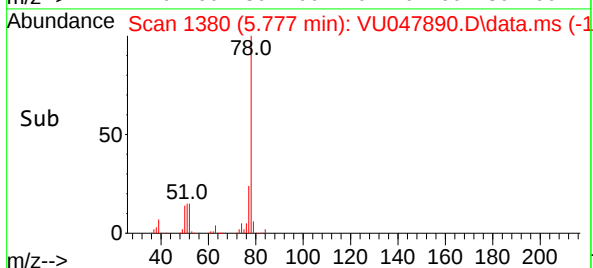
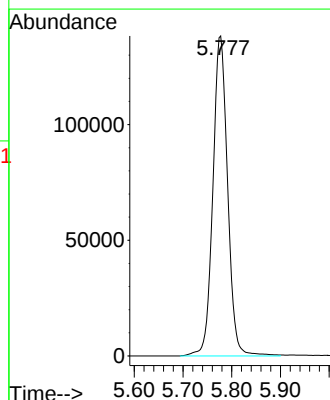
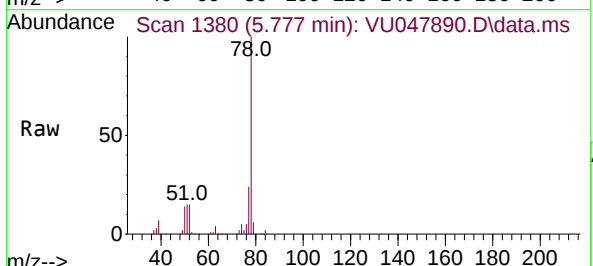
RT: 5.777 min Scan# 1380

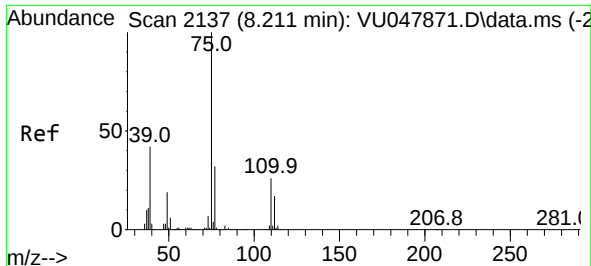
Delta R.T. 0.000 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Tgt Ion: 78 Resp: 290830

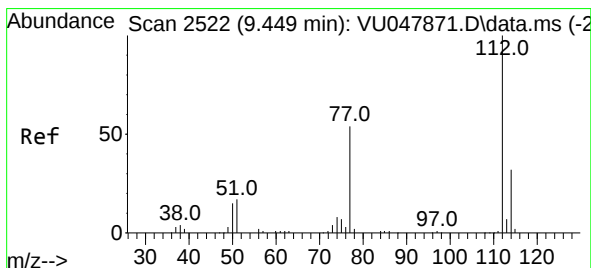
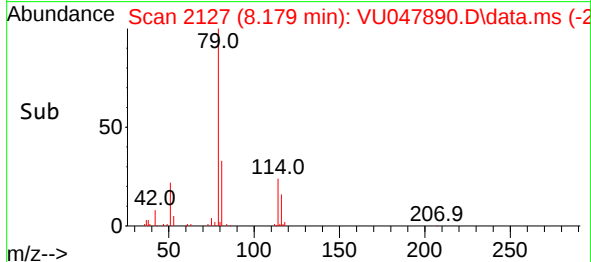
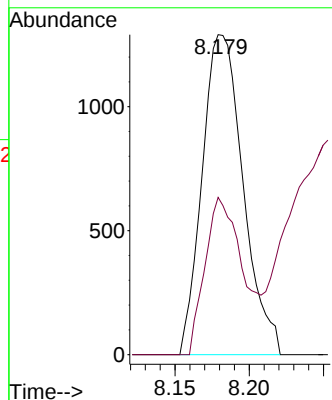
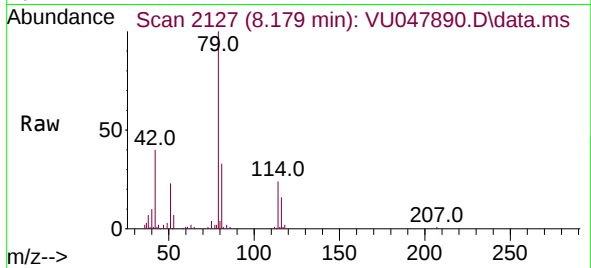




#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

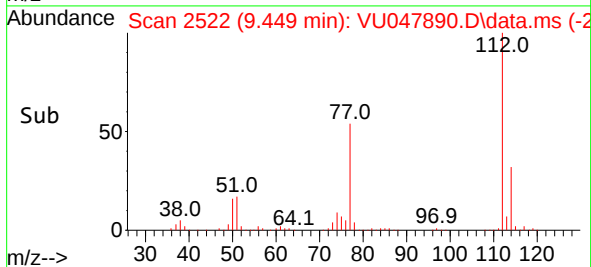
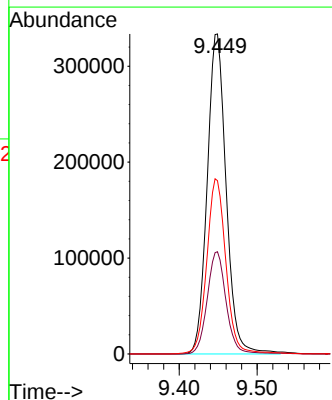
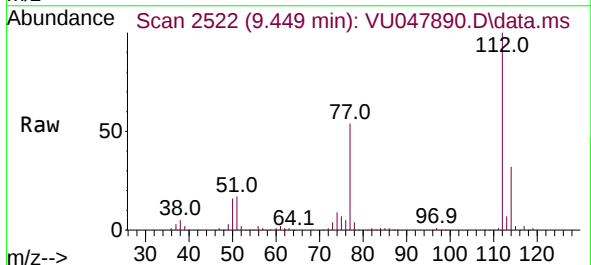
Instrument :
MSVOA_U
ClientSampleId :
C0J79

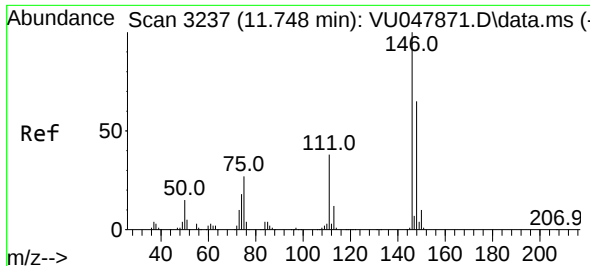
Tgt Ion: 75 Resp: 2474
Ion Ratio Lower Upper
75 100
77 49.1 22.0 40.8#



#51
Chlorobenzene
Concen: 79.363 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Tgt Ion: 112 Resp: 564240
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 54.2 43.4 65.0

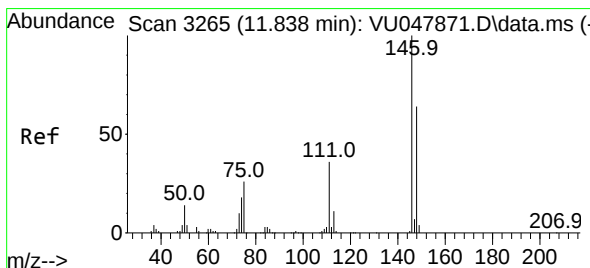
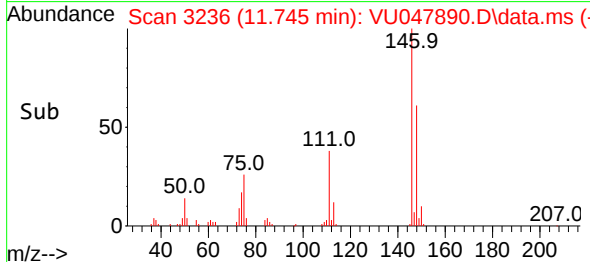
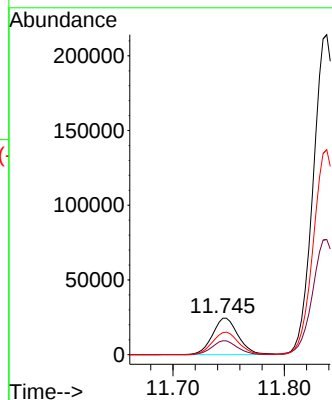
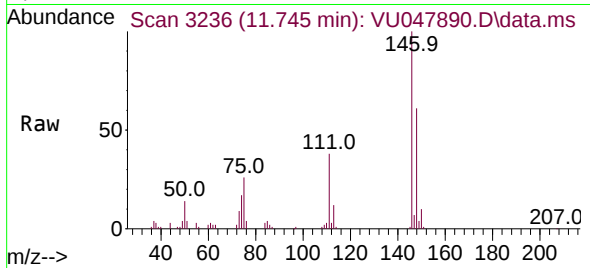




#64
 1,3-Dichlorobenzene
 Concen: 7.495 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU047890.D
 Acq: 09 Apr 2022 00:19

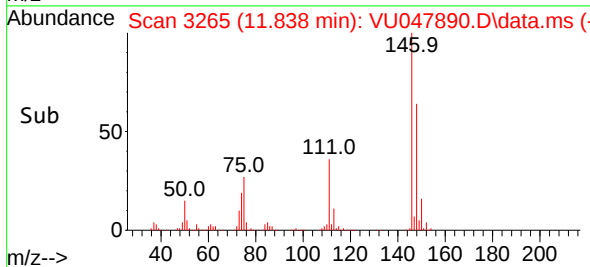
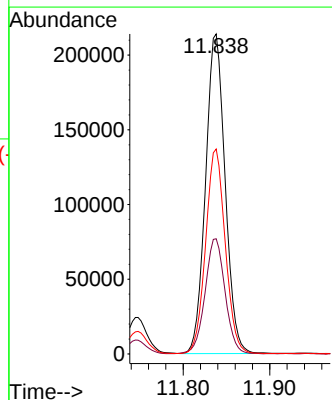
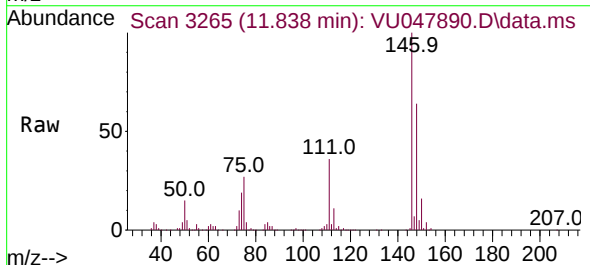
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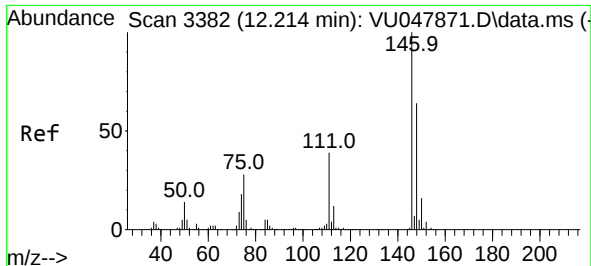
Tgt Ion:146 Resp: 39263
 Ion Ratio Lower Upper
 146 100
 111 38.4 26.7 49.7
 148 60.7 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 61.779 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU047890.D
 Acq: 09 Apr 2022 00:19

Tgt Ion:146 Resp: 335198
 Ion Ratio Lower Upper
 146 100
 111 36.0 25.3 47.1
 148 64.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.040 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Instrument :

MSVOA_U

ClientSampleId :

C0J79

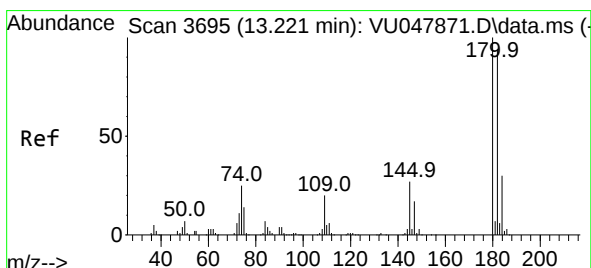
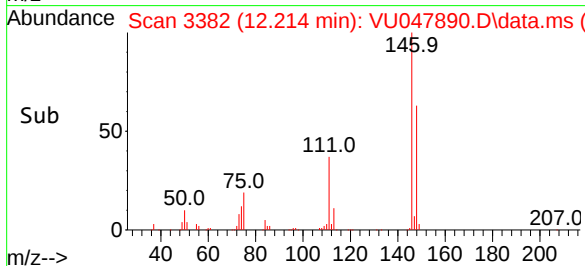
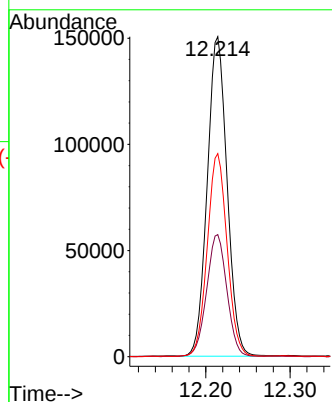
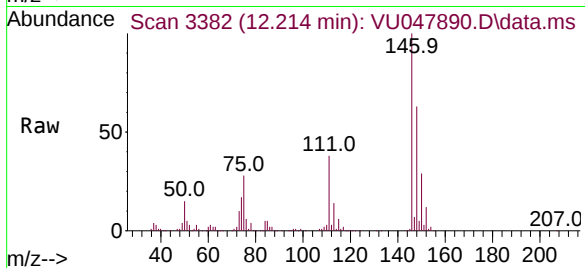
Tgt Ion:146 Resp: 246553

Ion Ratio Lower Upper

146 100

111 38.1 31.7 47.5

148 63.5 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 18.485 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Tgt Ion:180 Resp: 78638

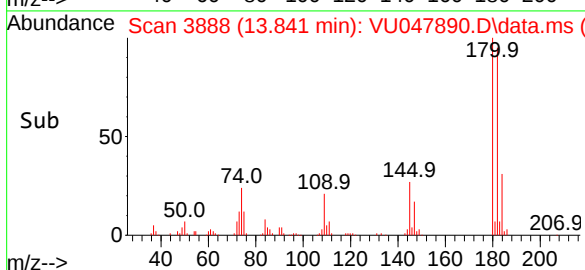
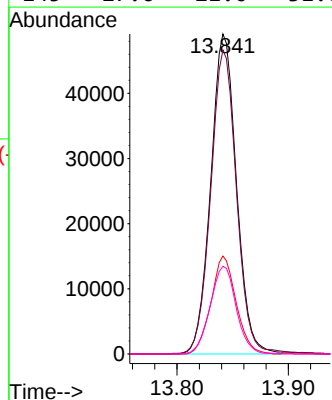
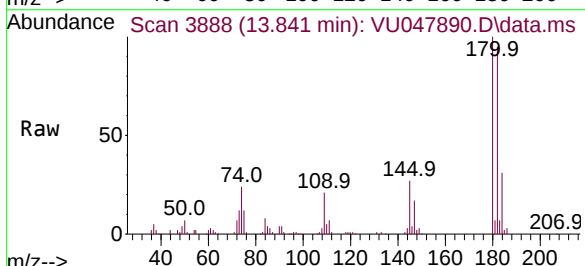
Ion Ratio Lower Upper

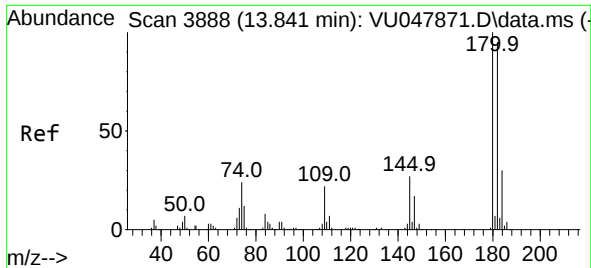
180 100

182 95.3 77.0 115.6

184 30.0 24.5 36.7

145 27.6 21.0 31.6

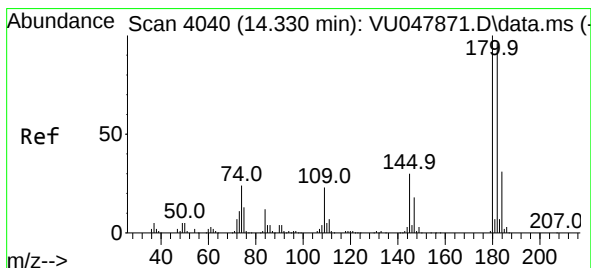
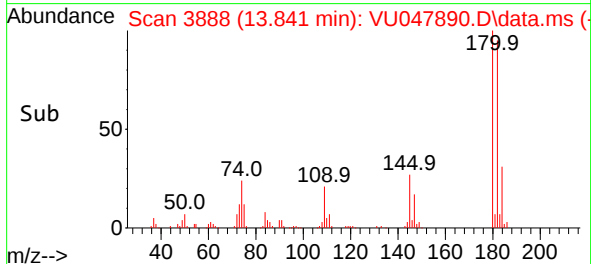
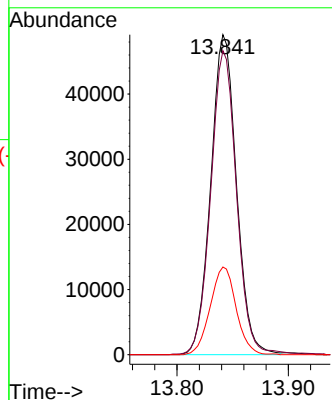
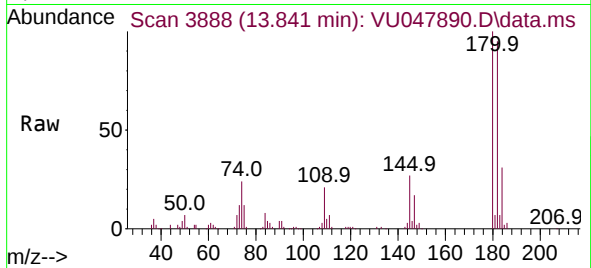




#70
1,2,4-trichlorobenzene
Concen: 21.104 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :
C0J79

Tgt Ion:180 Resp: 78638
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 27.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 9.107 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Tgt Ion:180 Resp: 34018
Ion Ratio Lower Upper
180 100
182 97.1 77.4 116.0
145 28.9 22.8 34.2

