

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048207.D
 Acq On : 22 Apr 2022 06:22
 Operator : SY/MD
 Sample : N2488-09 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HZ1

Quant Time: Apr 22 07:43:40 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)

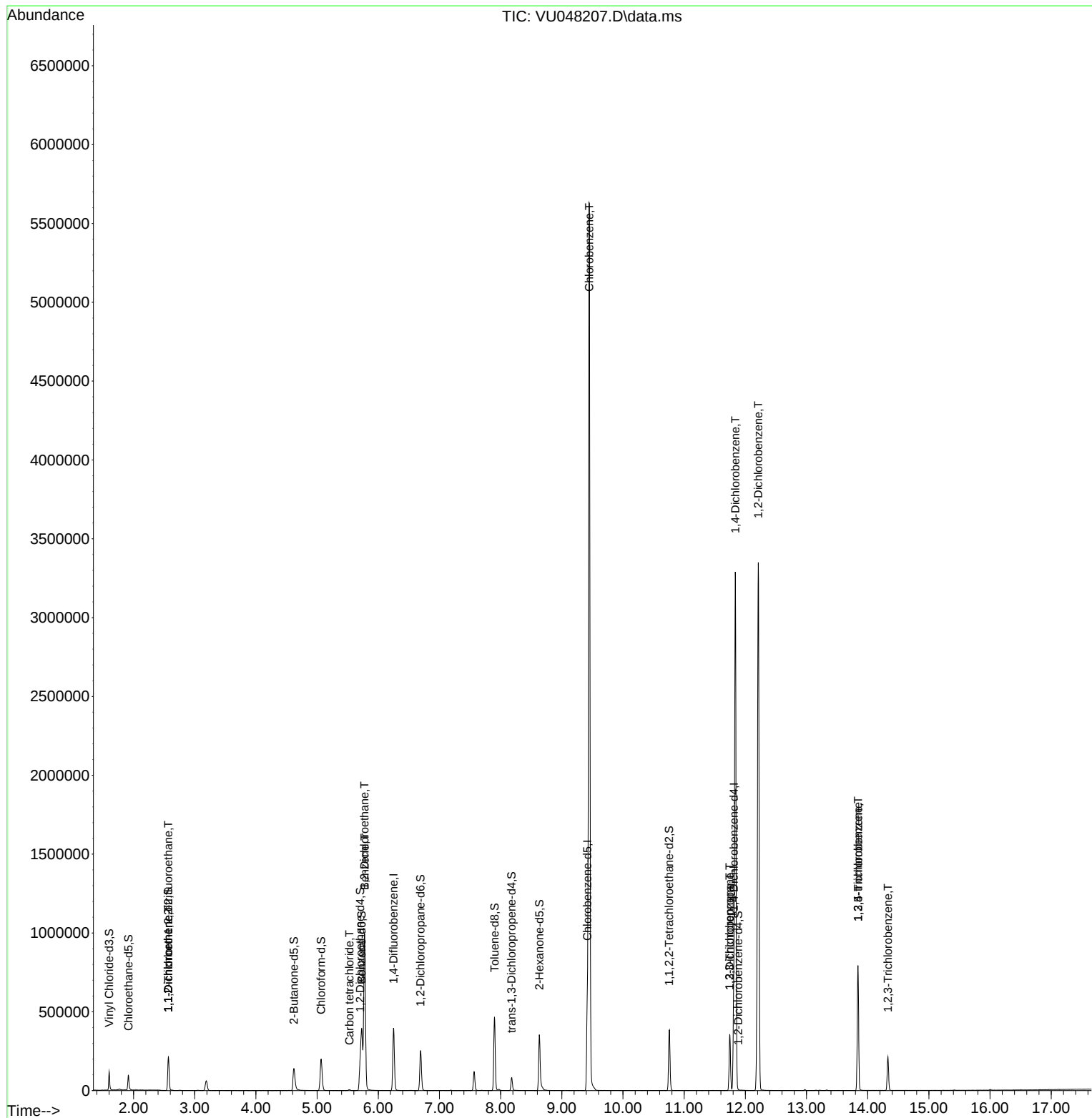
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335741	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	344705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	185565	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88161	36.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.420%		
7) Chloroethane-d5	1.916	69	76210	39.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.400%		
11) 1,1-Dichloroethene-d2	2.569	63	122020	27.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.780%#		
21) 2-Butanone-d5	4.620	46	186468	89.230	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.230%		
24) Chloroform-d	5.067	84	187605	42.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.220%		
26) 1,2-Dichloroethane-d4	5.703	65	117895	43.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
32) Benzene-d6	5.729	84	378952	43.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
36) 1,2-Dichloropropane-d6	6.691	67	126703	47.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.140%		
41) Toluene-d8	7.899	98	320594	37.937	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.880%#		
43) trans-1,3-Dichloroprop...	8.179	79	48124	35.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.320%		
47) 2-Hexanone-d5	8.633	63	119592	76.692	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.690%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	198165	43.348	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.700%		
66) 1,2-Dichlorobenzene-d4	11.883	152	65	0.020	ug/L	-0.31
Spiked Amount 50.000	Range 80 - 120		Recovery =	0.040%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1198	0.484	ug/L #	18
12) 1,1-Dichloroethene	2.569	96	1051	0.456	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	7442	2.088	ug/L #	75
31) Carbon tetrachloride	5.527	117	4299	1.218	ug/L	100
33) Benzene	5.777	78	982240	98.445	ug/L	100
51) Chlorobenzene	9.449	112	3166097	425.927	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	41621	11.898	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	158228	28.386	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1376345	238.379	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1383249	248.003	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	265262	58.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	265262	66.896	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	71553	18.000	ug/L	99

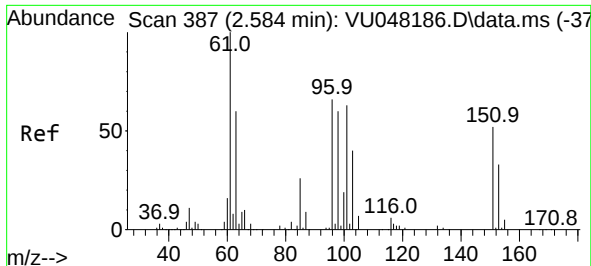
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.484 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048207.D

Acq: 22 Apr 2022 06:22

Instrument :

MSVOA_V

ClientSampleId :

C0HZ1

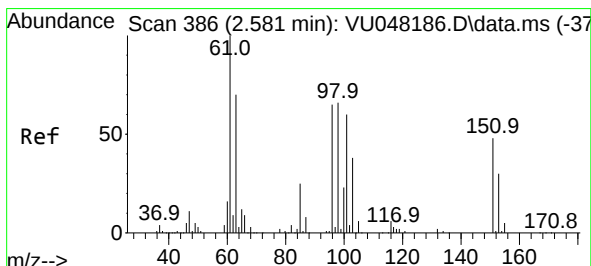
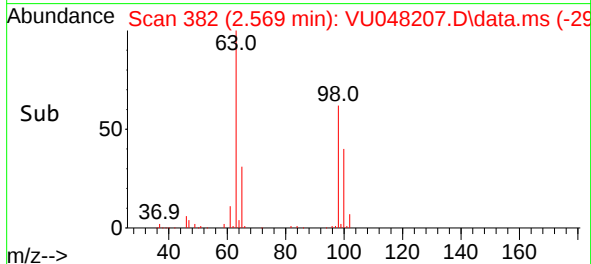
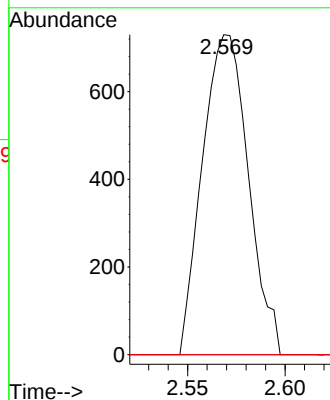
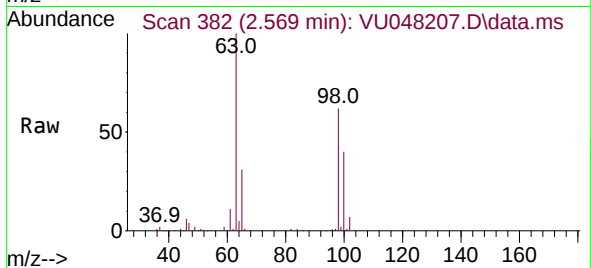
Tgt Ion:101 Resp: 1198

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: 0.456 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048207.D

Acq: 22 Apr 2022 06:22

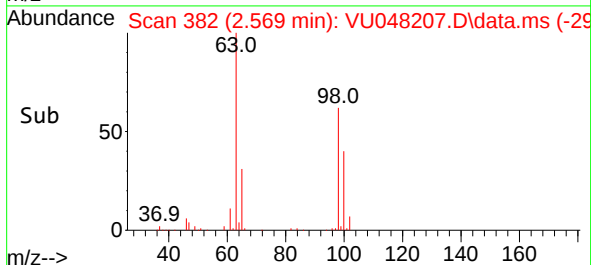
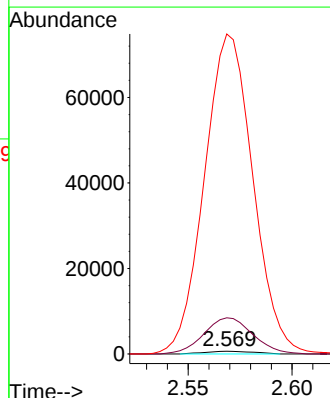
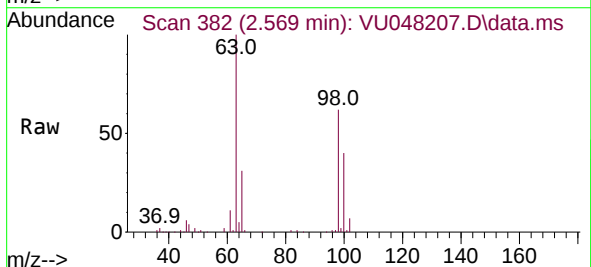
Tgt Ion: 96 Resp: 1051

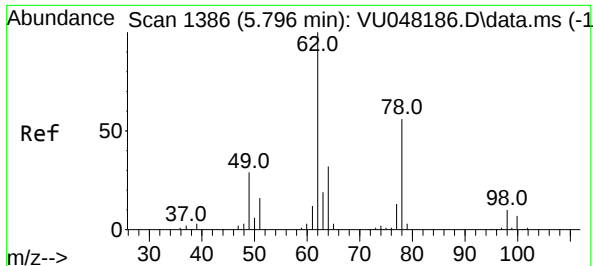
Ion Ratio Lower Upper

96 100

61 1310.7 113.1 210.1#

63 11569.7 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 2.088 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.022 min

Lab File: VU048207.D

Acq: 22 Apr 2022 06:22

Instrument :

MSVOA_V

ClientSampleId :

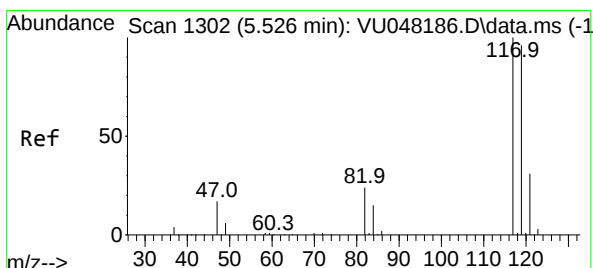
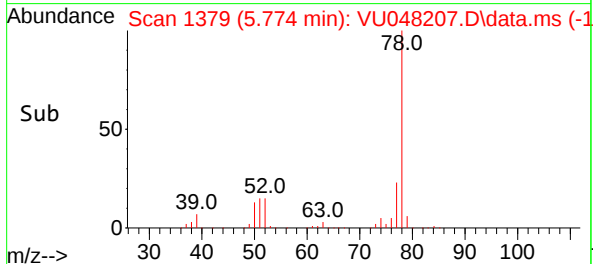
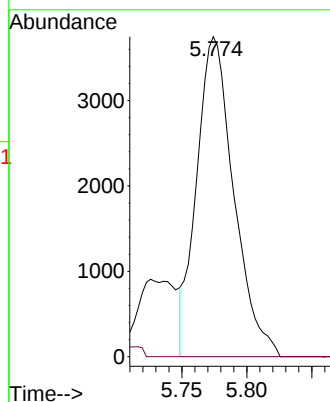
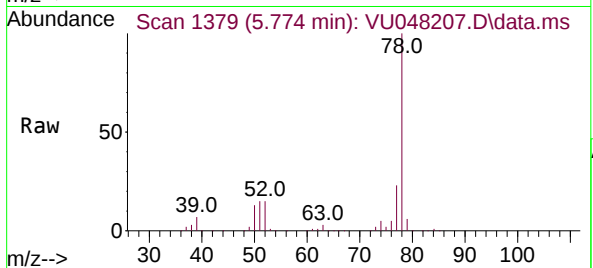
C0HZ1

Tgt Ion: 62 Resp: 7442

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#31

Carbon tetrachloride

Concen: 1.218 ug/L

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048207.D

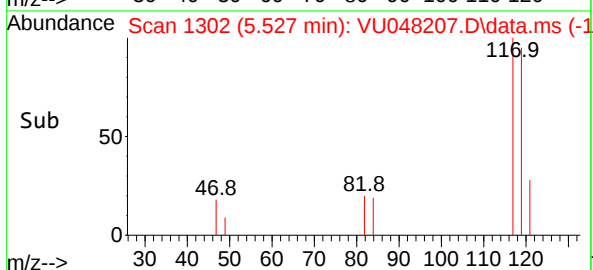
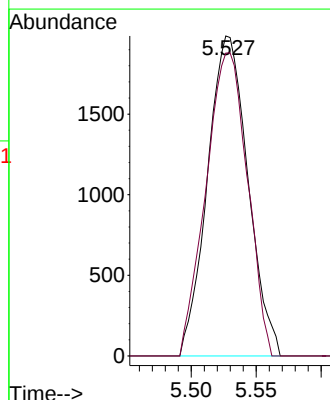
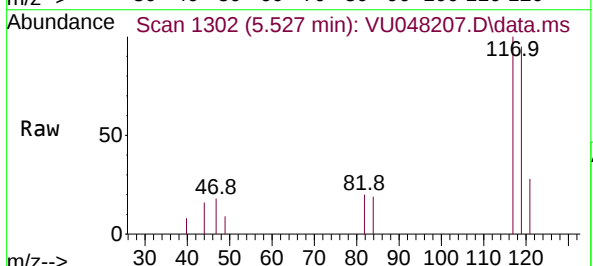
Acq: 22 Apr 2022 06:22

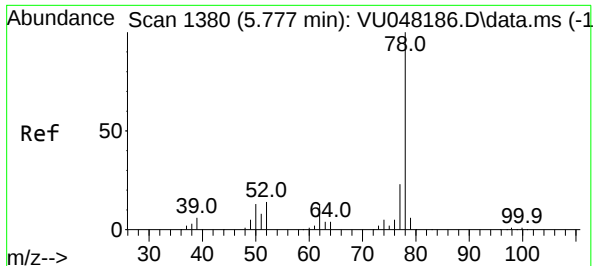
Tgt Ion: 117 Resp: 4299

Ion Ratio Lower Upper

117 100

119 96.8 77.2 115.8

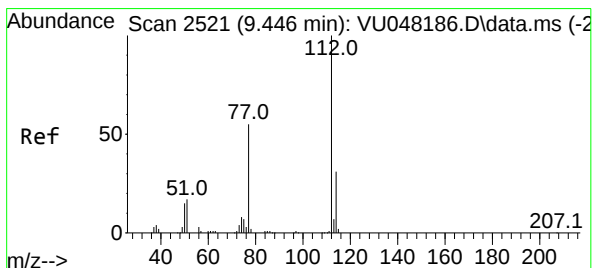
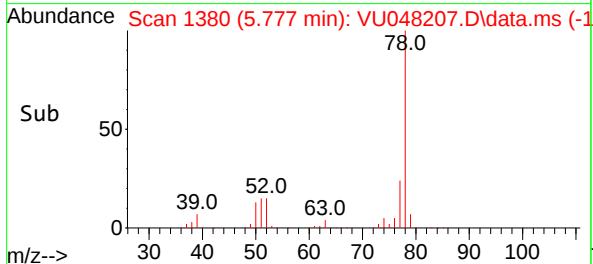
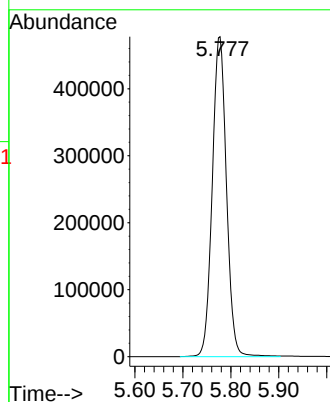
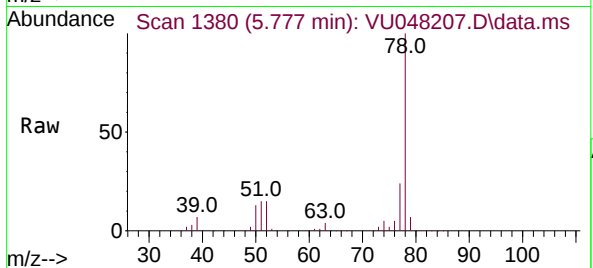




#33
Benzene
Concen: 98.445 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

Instrument :
MSVOA_V
ClientSampleId :
C0HZ1

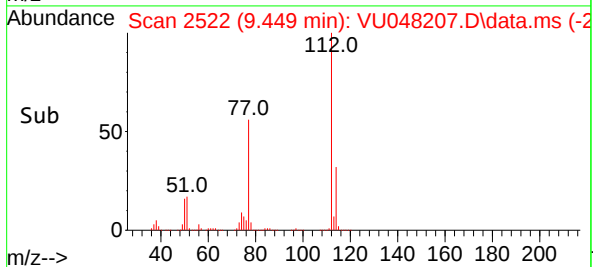
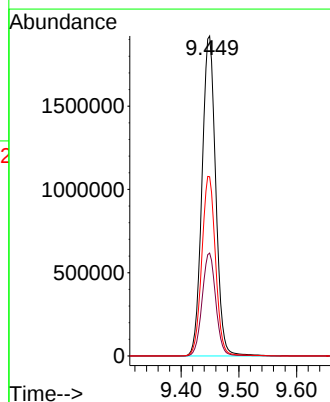
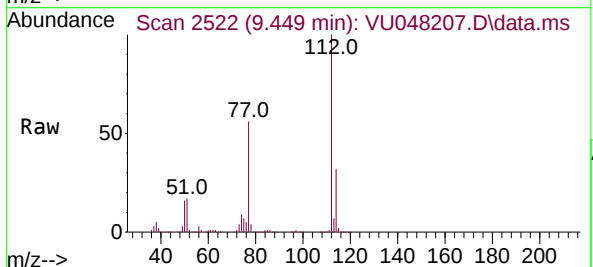
Tgt Ion: 78 Resp: 982240

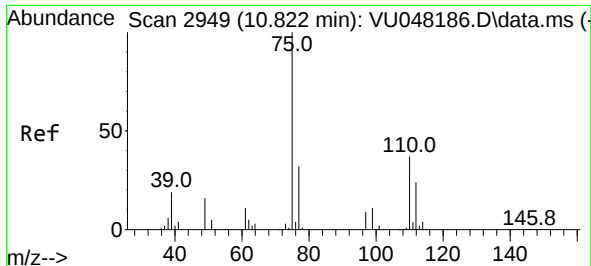


#51
Chlorobenzene
Concen: 425.927 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.004 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

Tgt Ion: 112 Resp: 3166097

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.1	41.1
77	56.0	43.4	65.0

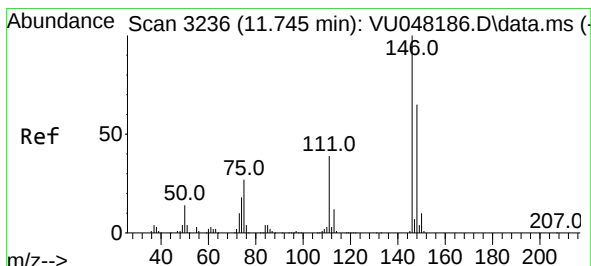
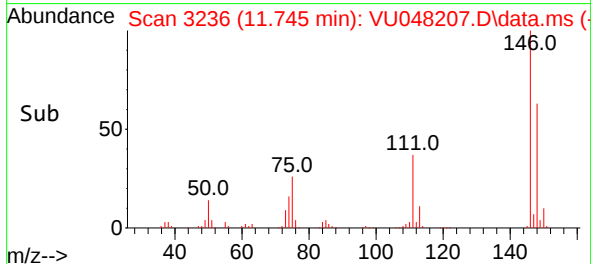
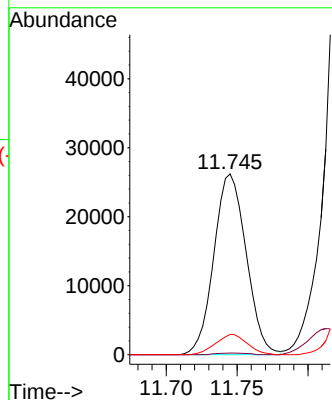
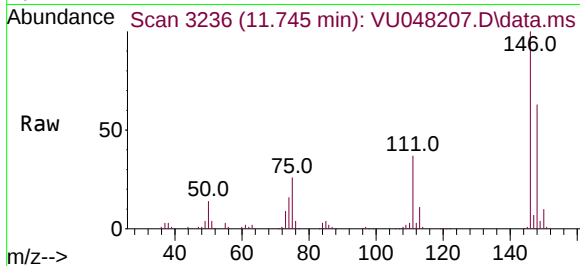




#60
1,2,3-Trichloropropane
Concen: 11.898 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

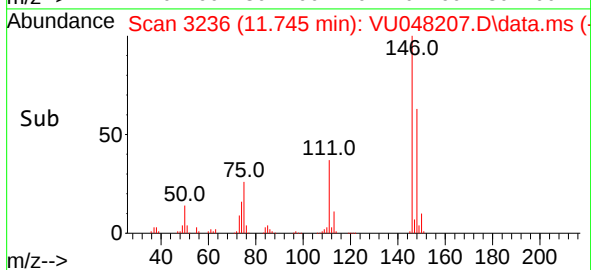
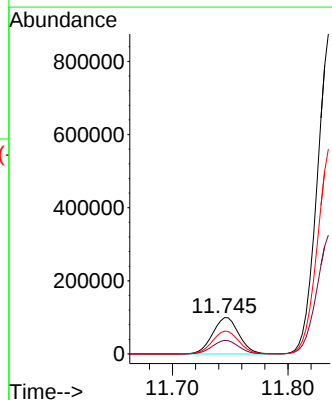
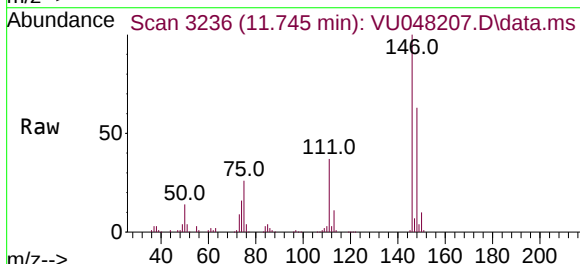
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ClientSampleId :
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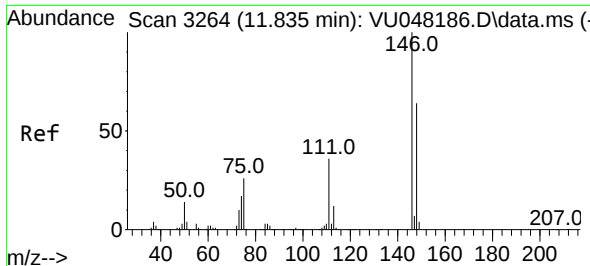
Tgt Ion: 75 Resp: 41621
Ion Ratio Lower Upper
75 100
77 0.8 26.0 39.0#
110 10.9 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 28.386 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

Tgt Ion:146 Resp: 158228
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 63.0 44.4 82.5

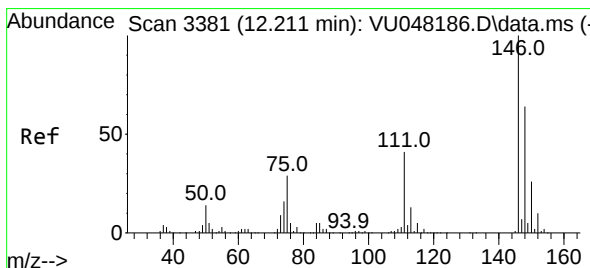
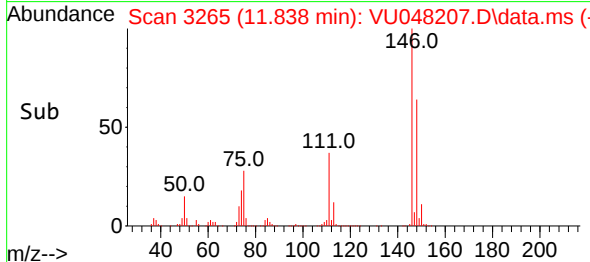
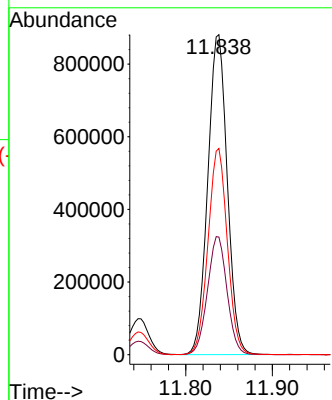
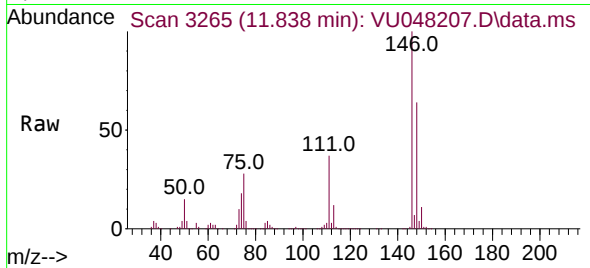




#65
1,4-Dichlorobenzene
Concen: 238.379 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

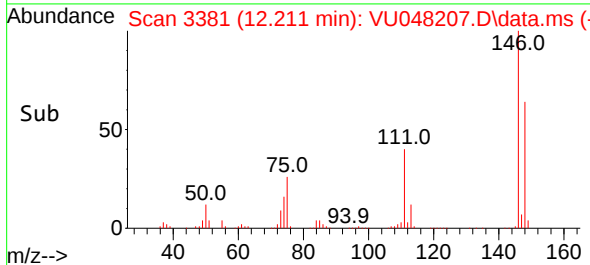
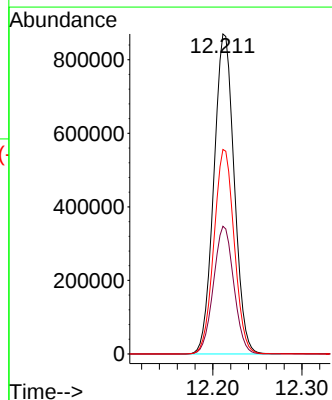
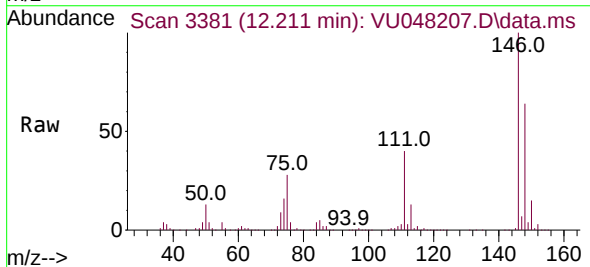
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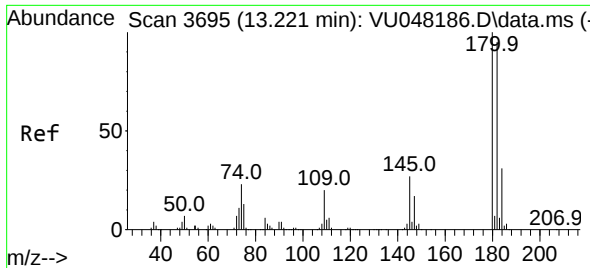
Tgt Ion:146 Resp: 1376345
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 64.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 248.003 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048207.D
Acq: 22 Apr 2022 06:22

Tgt Ion:146 Resp: 1383249
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 63.9 51.4 77.2

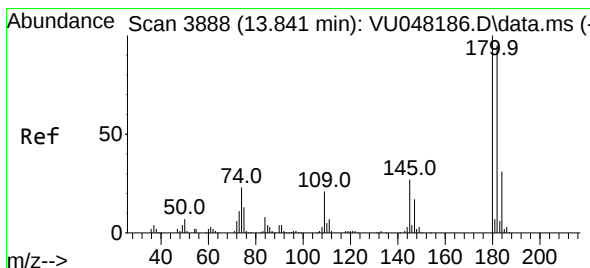
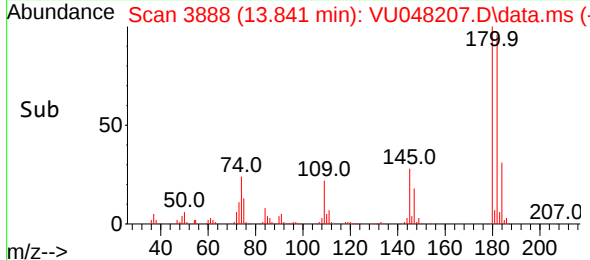
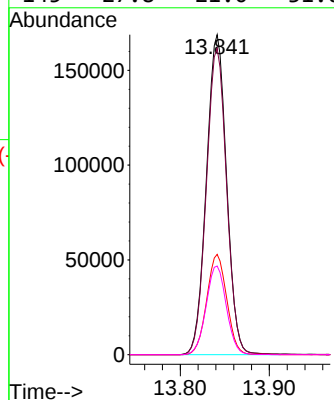
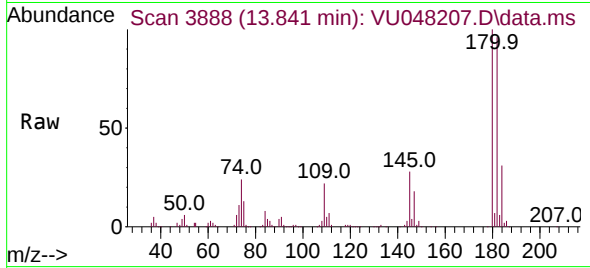




#69
 1,3,5-Trichlorobenzene
 Concen: 58.594 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048207.D
 Acq: 22 Apr 2022 06:22

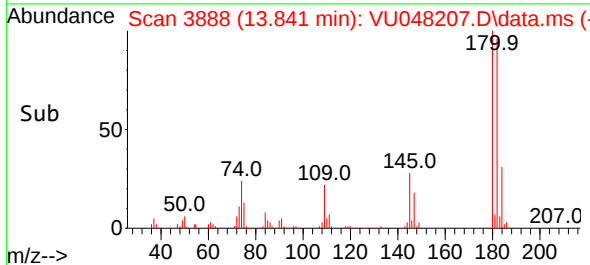
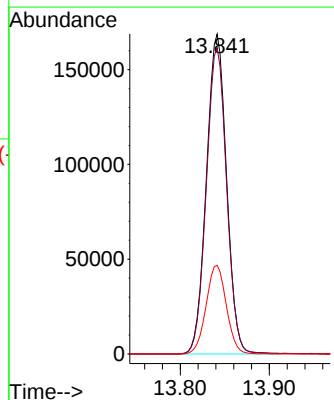
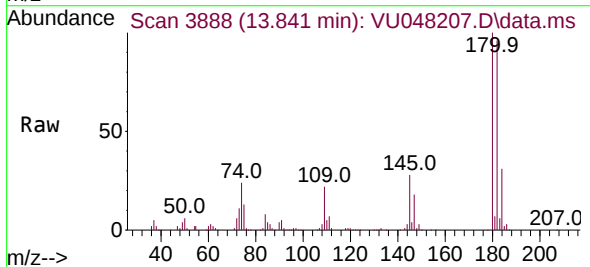
Instrument :
 MSVOA_V
 ClientSampleId :
 COHZ1

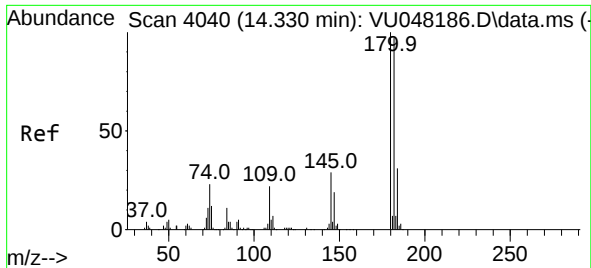
Tgt Ion:180 Resp: 265262
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.0 115.6
 184 31.1 24.5 36.7
 145 27.8 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 66.896 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048207.D
 Acq: 22 Apr 2022 06:22

Tgt Ion:180 Resp: 265262
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.2
 145 27.8 21.8 32.8





#72

1,2,3-Trichlorobenzene

Concen: 18.000 ug/L

RT: 14.330 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU048207.D

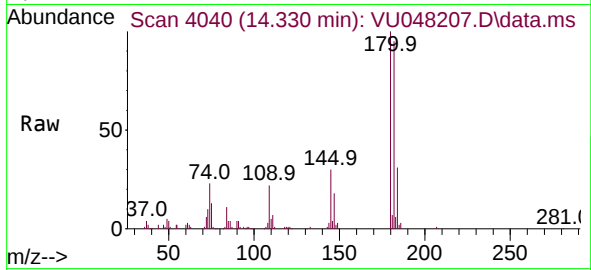
Acq: 22 Apr 2022 06:22

Instrument :

MSVOA_V

ClientSampleId :

C0HZ1



Tgt Ion:180 Resp: 71553

Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.0

145 30.7 22.8 34.2

