

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047748.D
 Acq On : 29 Mar 2022 14:51
 Operator : SY/MD
 Sample : N2120-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

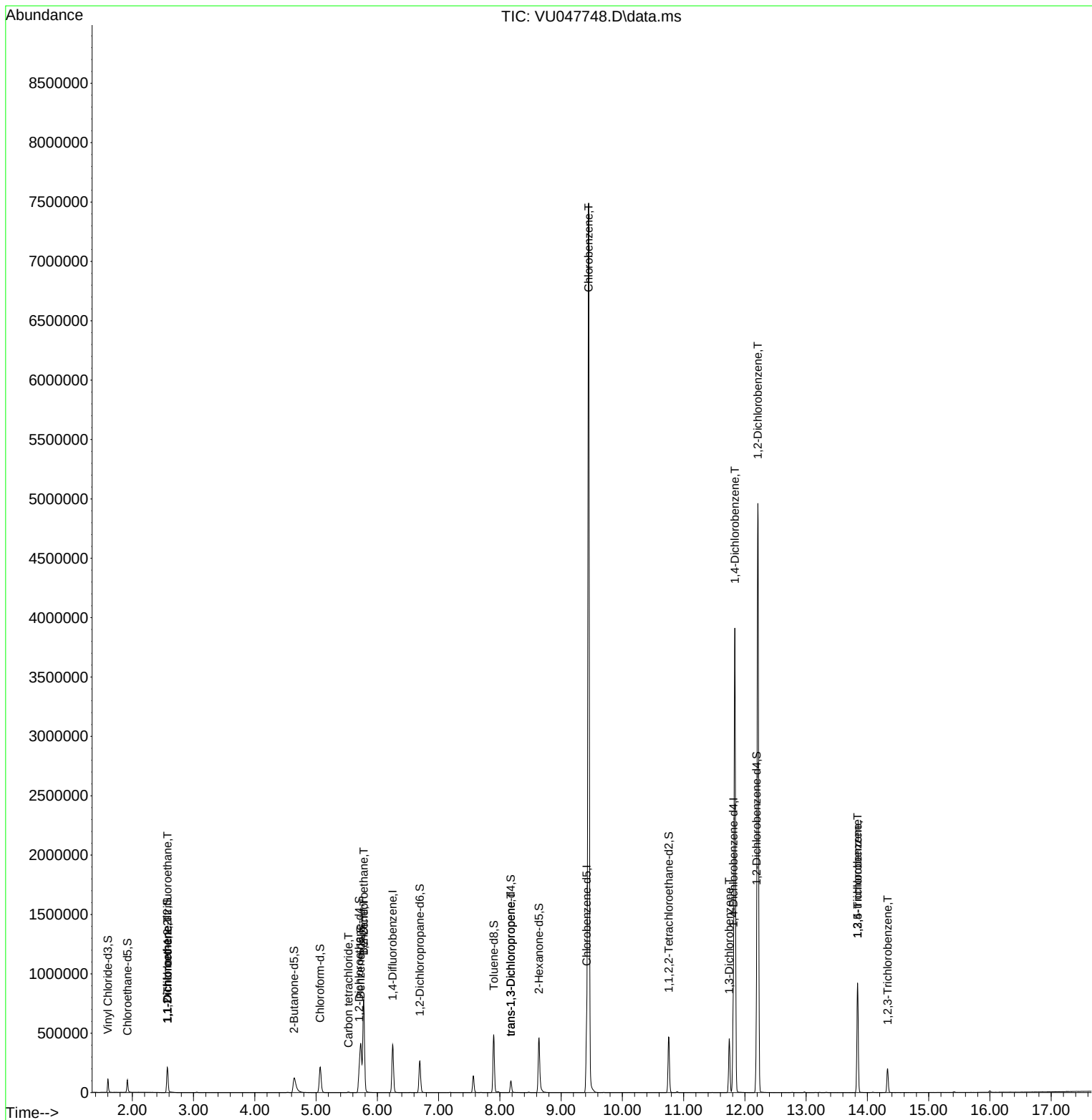
Quant Time: Mar 30 01:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

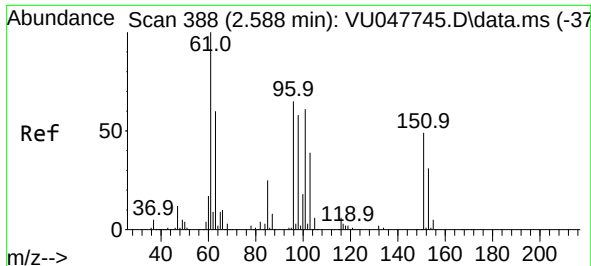
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	204809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83651	33.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.020%		
7) Chloroethane-d5	1.919	69	79317	40.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.580%		
11) 1,1-Dichloroethene-d2	2.572	63	122498	26.820	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.640%#		
21) 2-Butanone-d5	4.642	46	253731	118.413	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.410%		
24) Chloroform-d	5.067	84	199962	43.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.560%		
26) 1,2-Dichloroethane-d4	5.703	65	132791	47.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
32) Benzene-d6	5.729	84	387233	45.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	6.694	67	128619	48.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.480%		
41) Toluene-d8	7.900	98	327892	39.168	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.340%#		
43) trans-1,3-Dichloroprop...	8.179	79	56226	42.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.120%		
47) 2-Hexanone-d5	8.636	63	171445	110.987	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.990%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	230204	50.834	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	173802	47.699	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1170	0.461	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	957	0.405	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	5603	1.533	ug/L #	75
31) Carbon tetrachloride	5.530	117	3498	1.000	ug/L	99
33) Benzene	5.777	78	754688	76.356	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2706	0.695	ug/L	94
51) Chlorobenzene	9.449	112	4098800	556.629	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	193297	31.419	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1590697	249.617	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	2015941	327.477	ug/L	100
69) 1,3,5-Trichlorobenzene	13.838	180	304655	60.972	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	304655	69.611	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	67300	15.339	ug/L	99

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

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QLast Update : Wed Mar 30 01:20:49 2022
Response via : Initial Calibration





#10

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

Concen: 0.461 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047748.D

Acq: 29 Mar 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

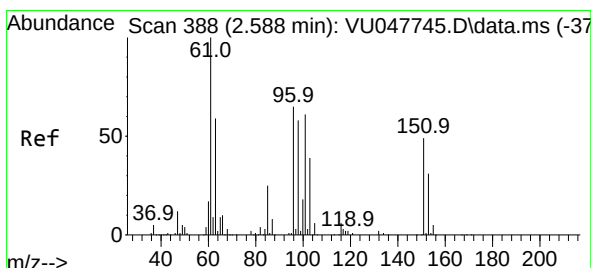
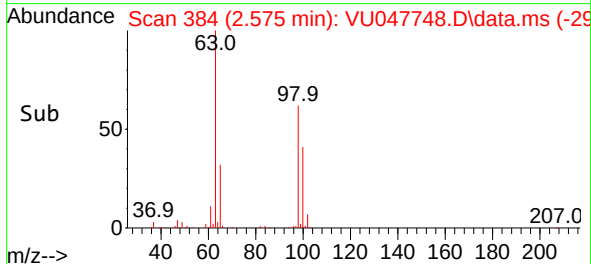
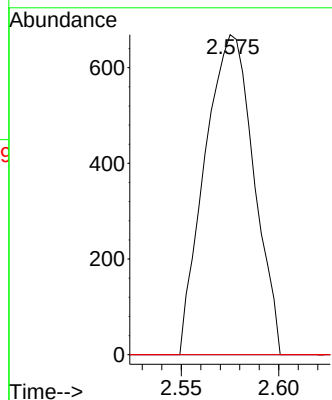
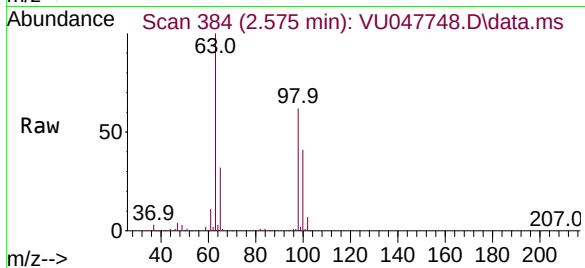
Tgt Ion:101 Resp: 1170

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: 0.405 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047748.D

Acq: 29 Mar 2022 14:51

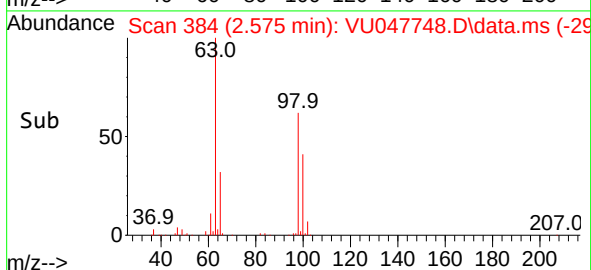
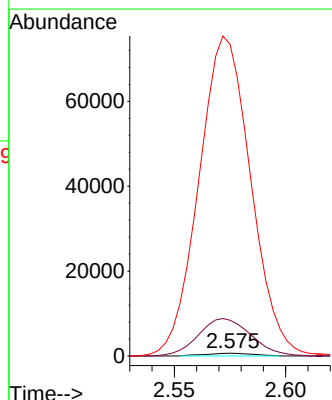
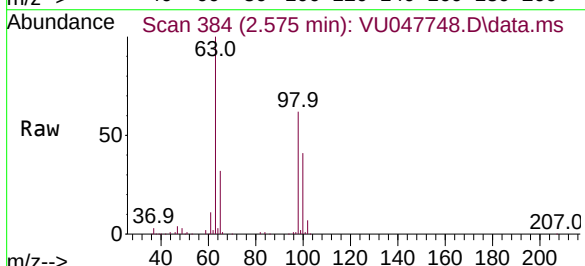
Tgt Ion: 96 Resp: 957

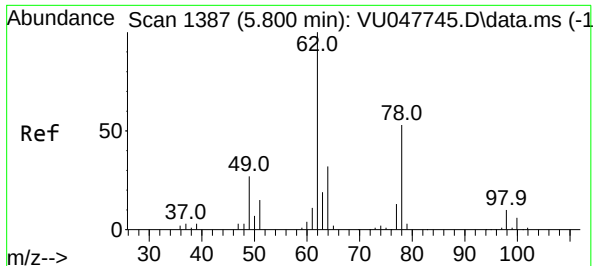
Ion Ratio Lower Upper

96 100

61 1324.6 113.1 210.1#

63 11560.3 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 1.533 ug/L

RT: 5.777 min Scan# 1

Delta R.T. -0.022 min

Lab File: VU047748.D

Acq: 29 Mar 2022 14:51

Instrument :

MSVOA_U

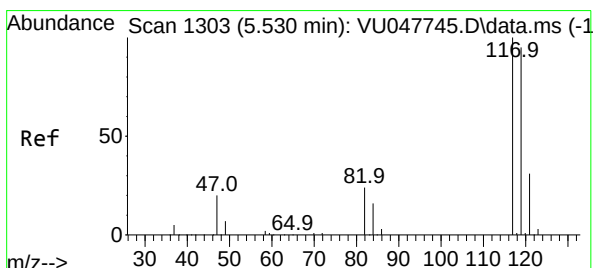
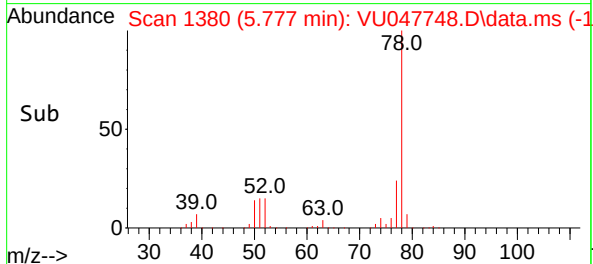
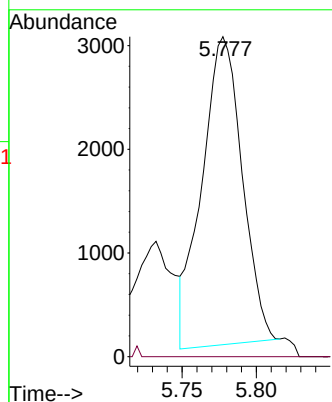
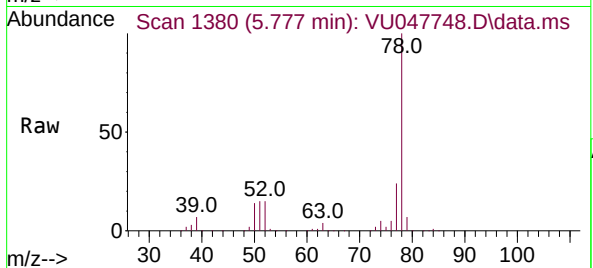
ClientSampleId :

Tgt Ion: 62 Resp: 5603

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#31

Carbon tetrachloride

Concen: 1.000 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047748.D

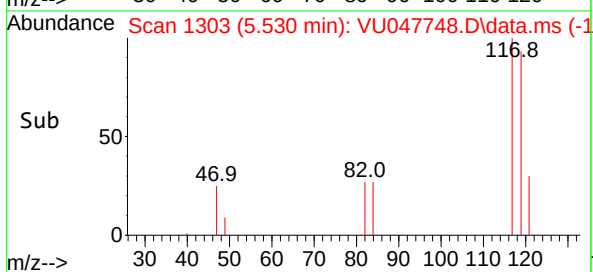
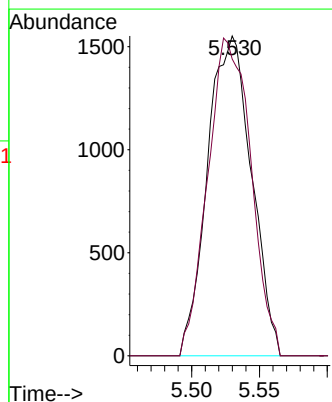
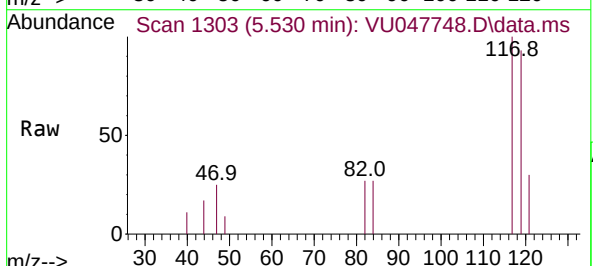
Acq: 29 Mar 2022 14:51

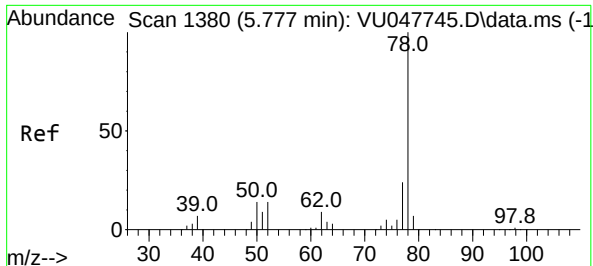
Tgt Ion: 117 Resp: 3498

Ion Ratio Lower Upper

117 100

119 97.7 77.2 115.8

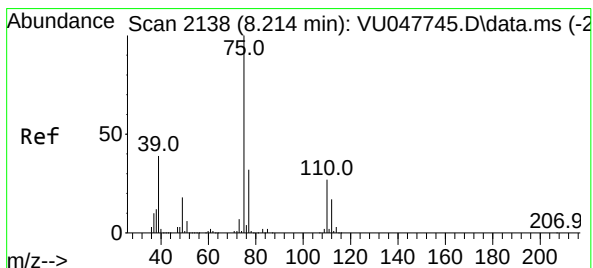
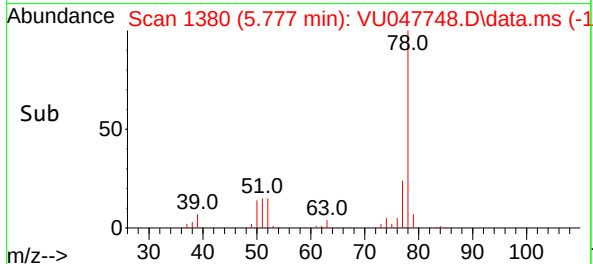
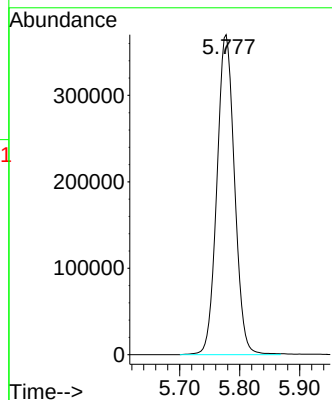
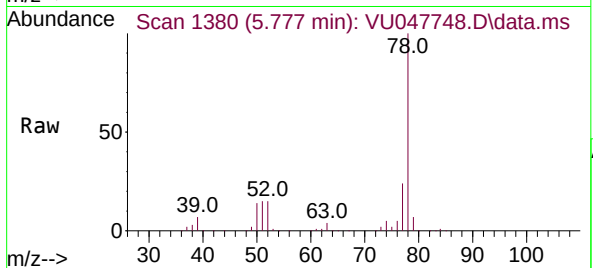




#33
Benzene
Concen: 76.356 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

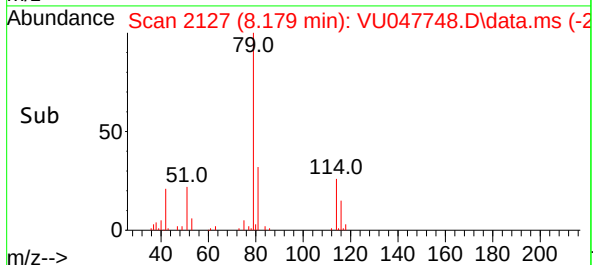
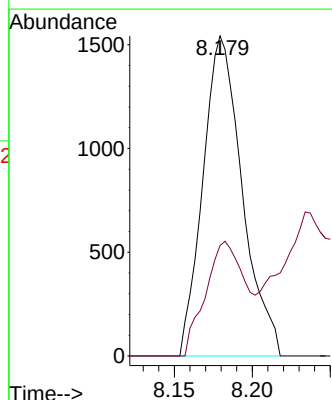
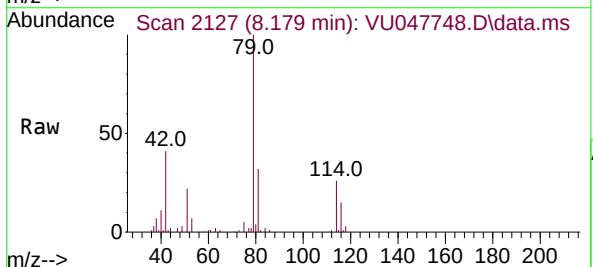
Instrument :
MSVOA_U
ClientSampleId :

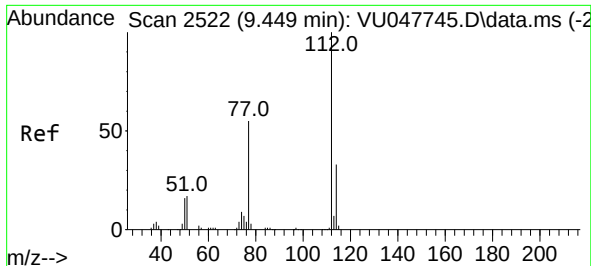
Tgt Ion: 78 Resp: 754688



#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

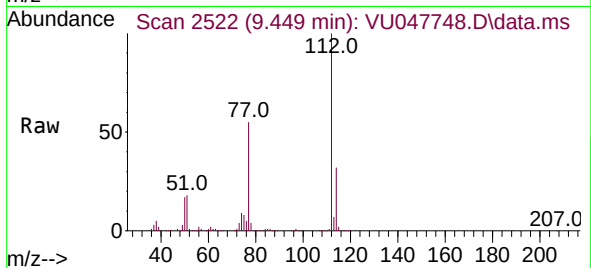
Tgt Ion: 75 Resp: 2706
Ion Ratio Lower Upper
75 100
77 34.5 22.0 40.8



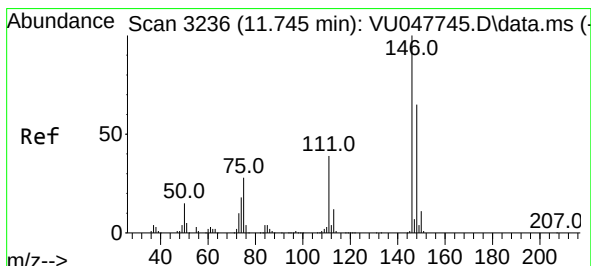
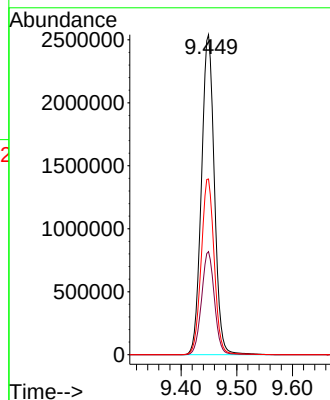
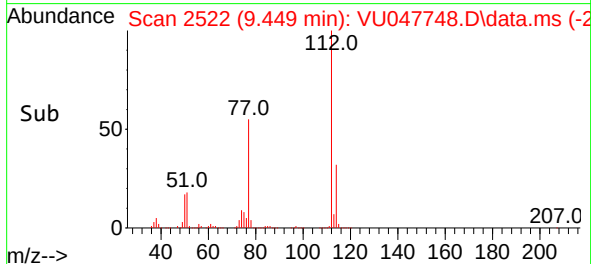


#51
Chlorobenzene
Concen: 556.629 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :

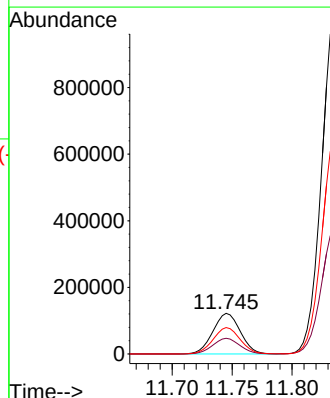
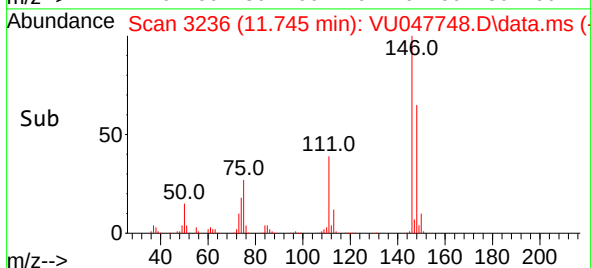
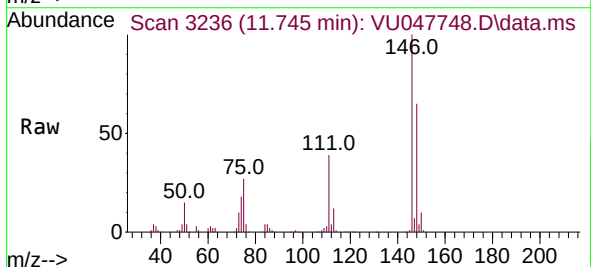


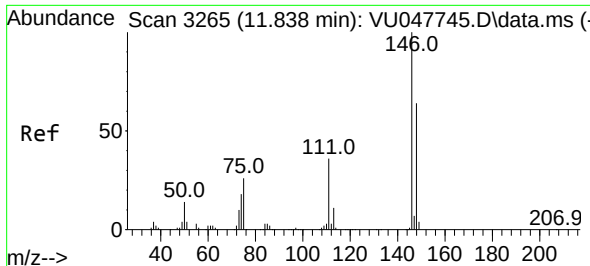
Tgt Ion:112 Resp: 4098800
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 31.419 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion:146 Resp: 193297
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 64.9 44.4 82.5

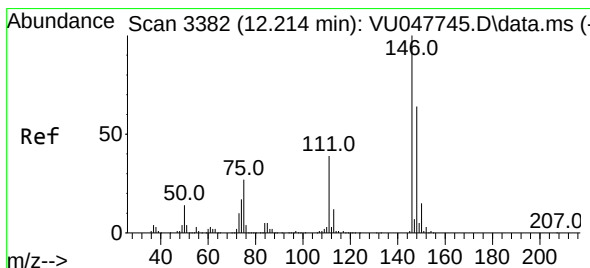
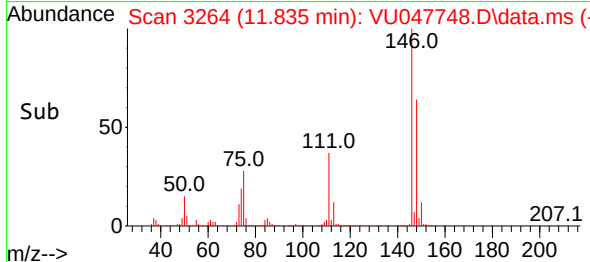
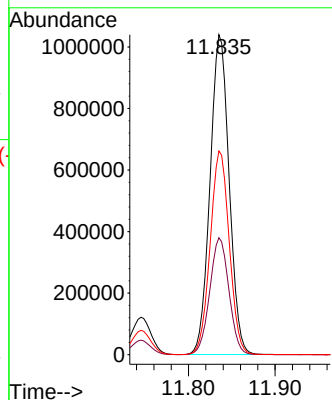
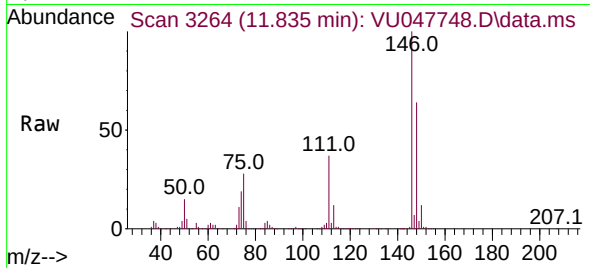




#65
1,4-Dichlorobenzene
Concen: 249.617 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

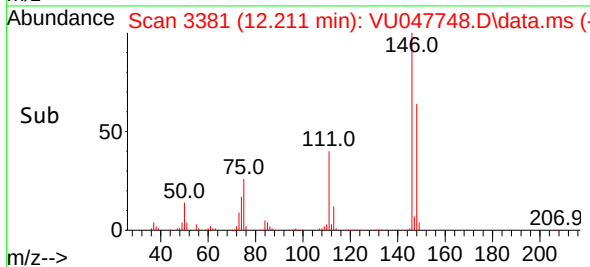
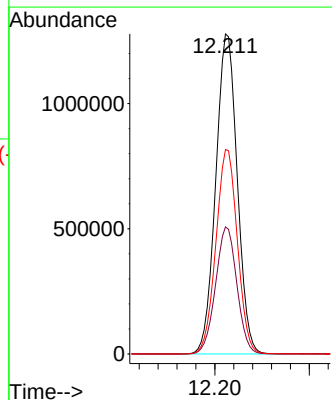
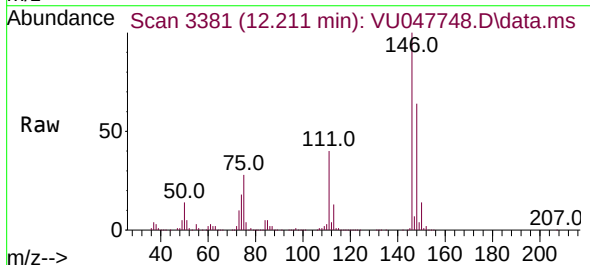
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MSVOA_U
ClientSampleId :

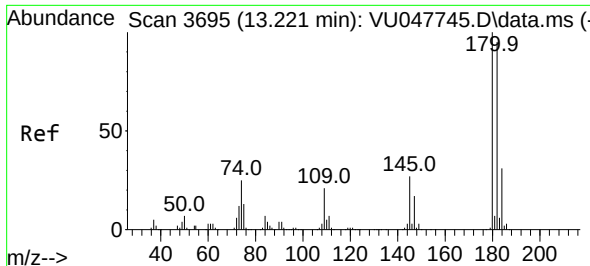
Tgt Ion:146 Resp: 1590697
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 327.477 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion:146 Resp: 2015941
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 63.9 51.4 77.2

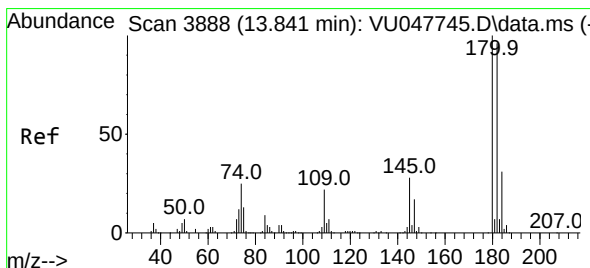
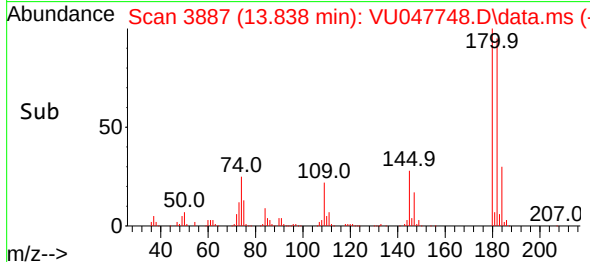
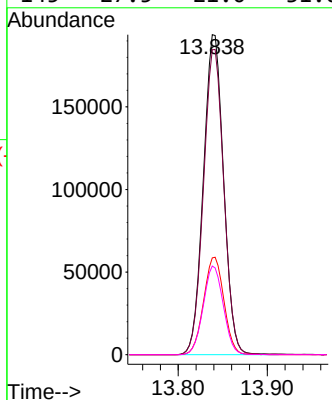
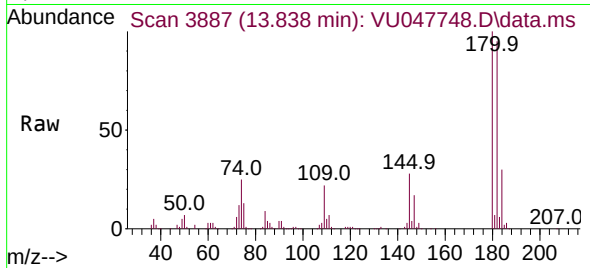




#69
 1,3,5-Trichlorobenzene
 Concen: 60.972 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.618 min
 Lab File: VU047748.D
 Acq: 29 Mar 2022 14:51

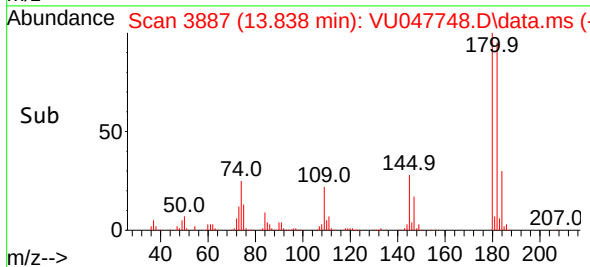
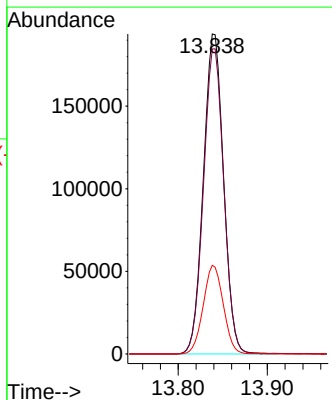
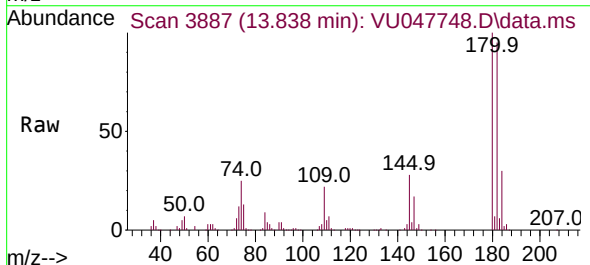
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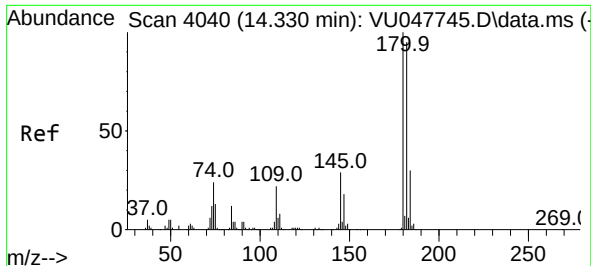
Tgt Ion:180	Resp:	304655
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.0 115.6
184	30.6	24.5 36.7
145	27.5	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 69.611 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU047748.D
 Acq: 29 Mar 2022 14:51

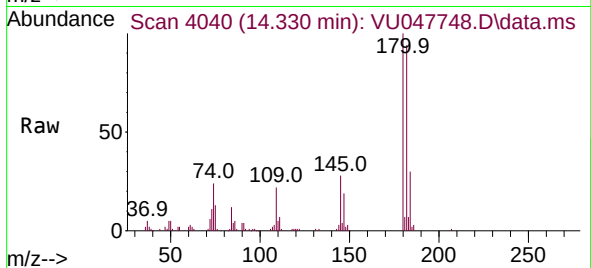
Tgt Ion:180	Resp:	304655
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.2
145	27.5	21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 15.339 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU047748.D
 Acq: 29 Mar 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	67300
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.4	116.0
145	28.7	22.8	34.2

