

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047749.D
 Acq On : 29 Mar 2022 15:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 01:22:50 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)

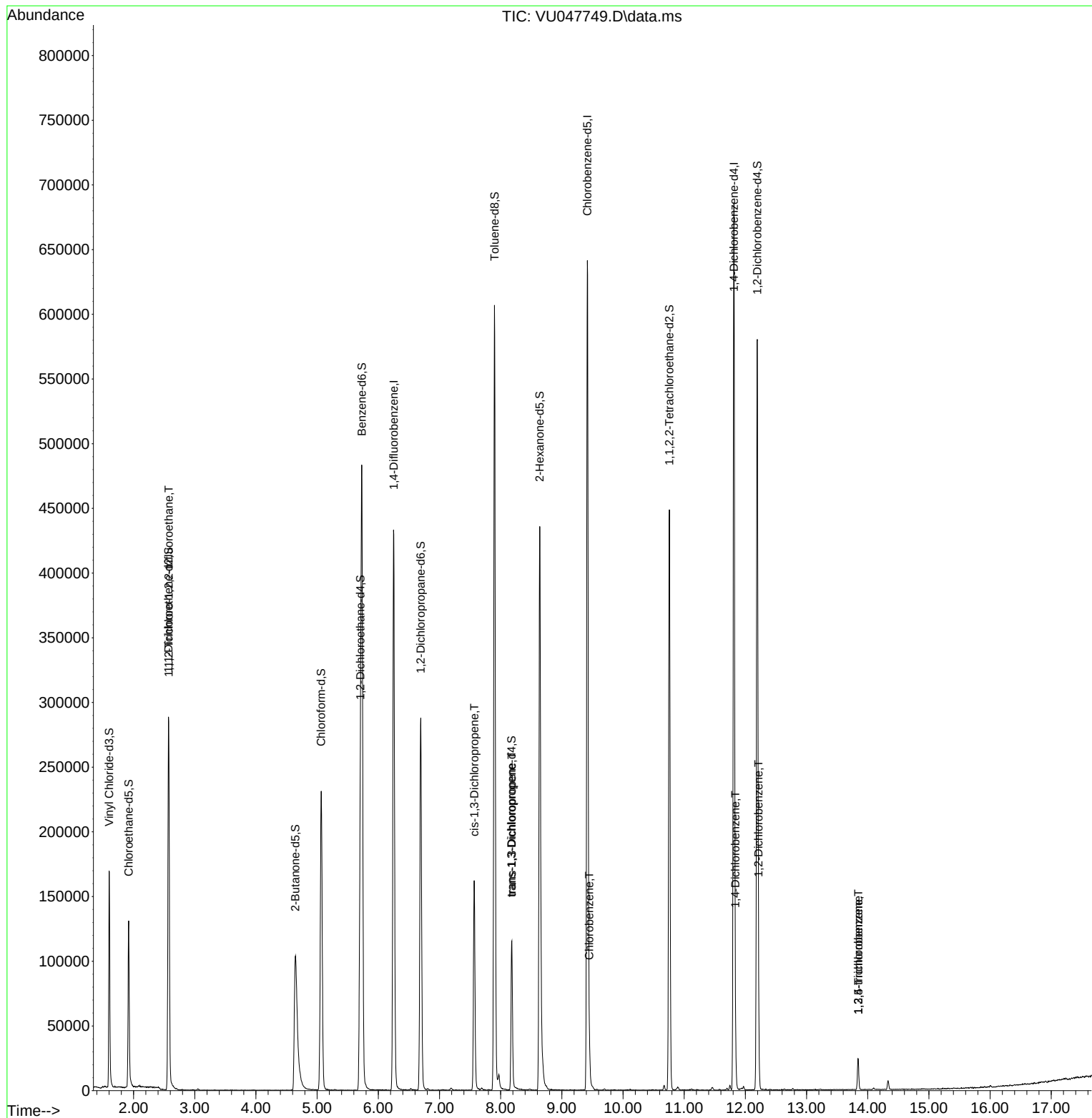
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	372550	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	380826	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	190813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128013	47.384	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.760%		
7) Chloroethane-d5	1.919	69	99510	46.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.420%		
11) 1,1-Dichloroethene-d2	2.572	63	169065	34.204	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.400%		
21) 2-Butanone-d5	4.645	46	228111	98.373	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.370%		
24) Chloroform-d	5.067	84	216603	43.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
26) 1,2-Dichloroethane-d4	5.707	65	139579	46.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.732	84	450859	47.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.100%		
36) 1,2-Dichloropropane-d6	6.694	67	138800	47.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.320%		
41) Toluene-d8	7.899	98	415890	44.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.100%		
43) trans-1,3-Dichloroprop...	8.179	79	65507	43.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.880%		
47) 2-Hexanone-d5	8.639	63	163714	95.029	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.030%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219189	43.399	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	160248	47.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1654	0.602	ug/L #	18
39) cis-1,3-Dichloropropene	7.568	75	4122	0.948	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	2985	0.688	ug/L #	83
51) Chlorobenzene	9.446	112	16003	1.949	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	13148	2.215	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	17013	2.966	ug/L	95
69) 1,3,5-Trichlorobenzene	13.844	180	8667	1.862	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	8667	2.126	ug/L	98

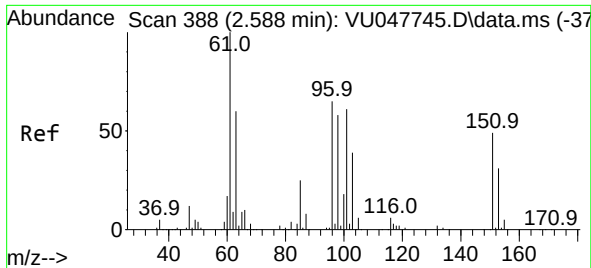
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 30 01:20:49 2022
Response via : Initial Calibration

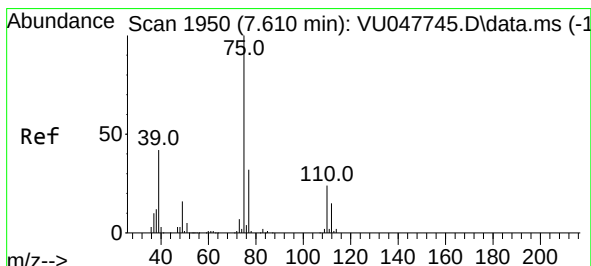
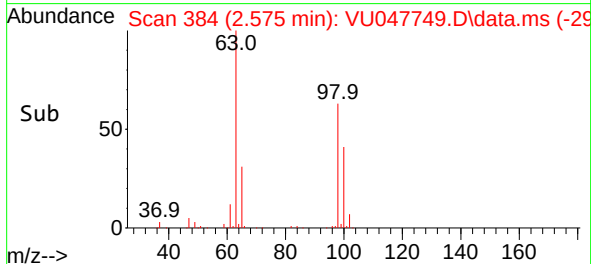
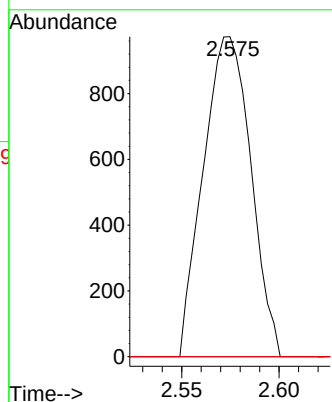
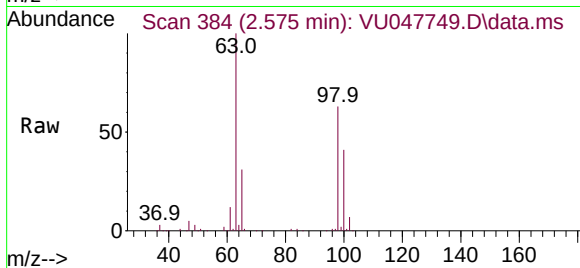




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.602 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU047749.D
 Acq: 29 Mar 2022 15:18

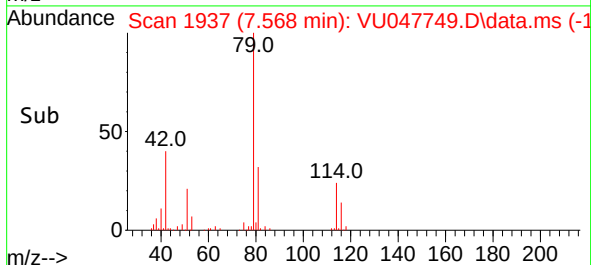
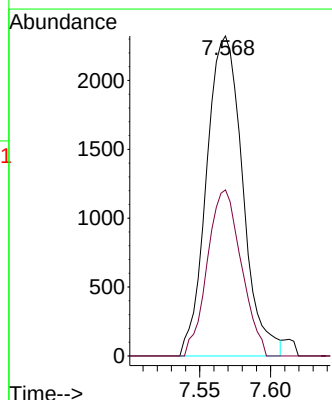
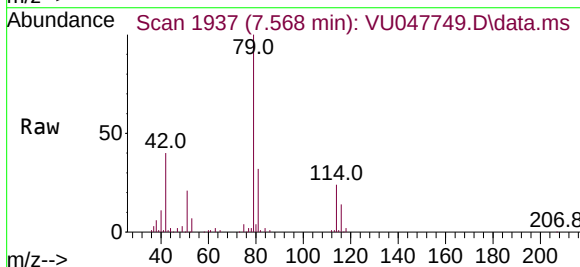
Instrument :
 MSVOA_U
 ClientSampleId :

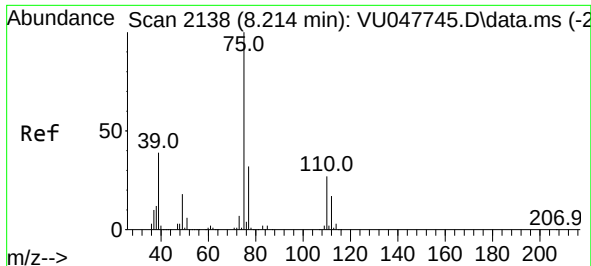
Tgt Ion:101 Resp: 1654
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.948 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.042 min
 Lab File: VU047749.D
 Acq: 29 Mar 2022 15:18

Tgt Ion: 75 Resp: 4122
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.8 40.6#

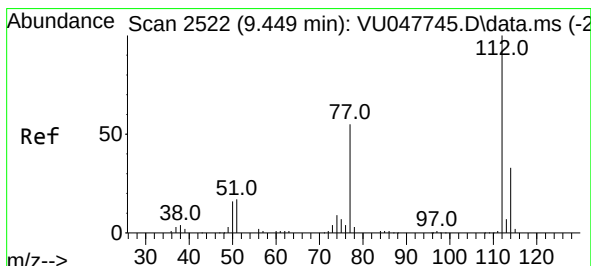
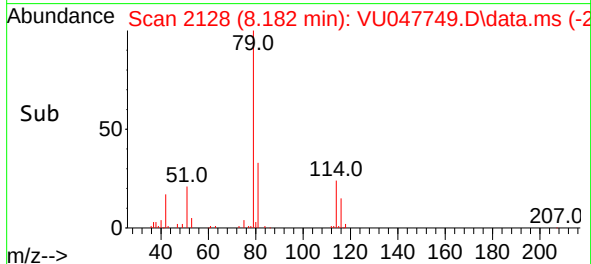
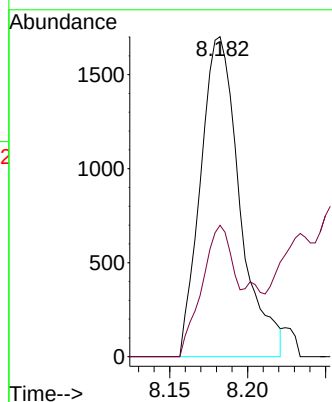
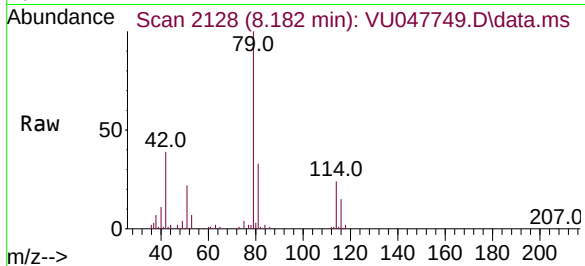




#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU047749.D
Acq: 29 Mar 2022 15:18

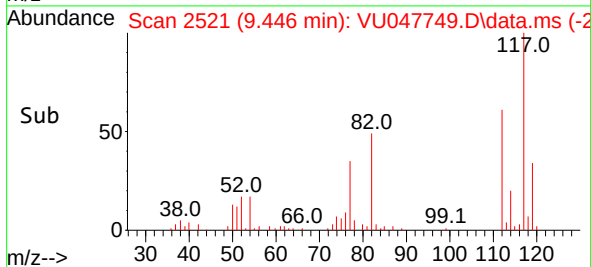
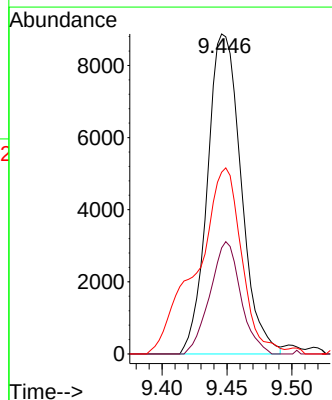
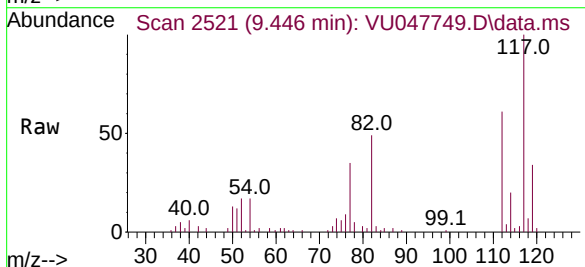
Instrument :
MSVOA_U
ClientSampleId :

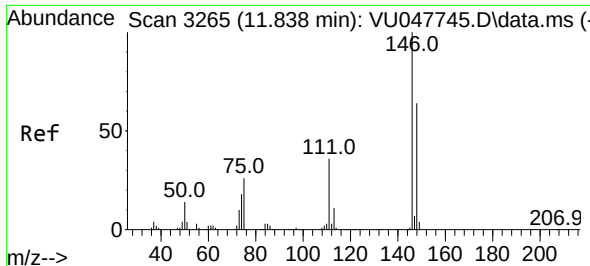
Tgt Ion: 75 Resp: 2985
Ion Ratio Lower Upper
75 100
77 41.1 22.0 40.8#



#51
Chlorobenzene
Concen: 1.949 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047749.D
Acq: 29 Mar 2022 15:18

Tgt Ion: 112 Resp: 16003
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 56.8 43.4 65.0

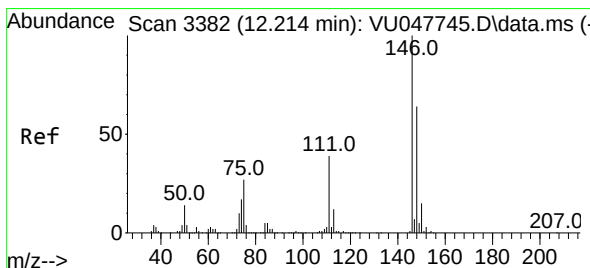
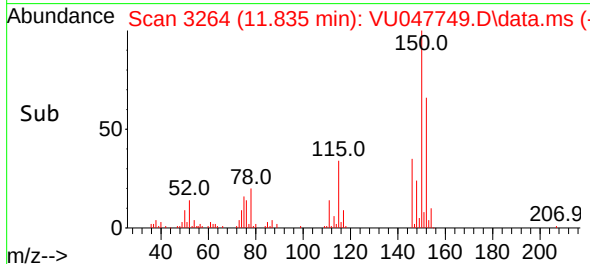
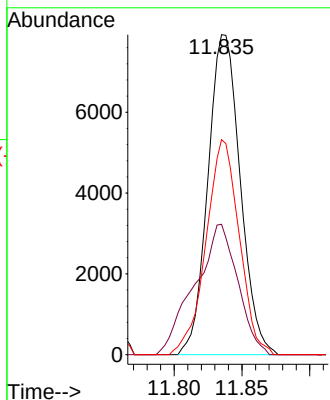
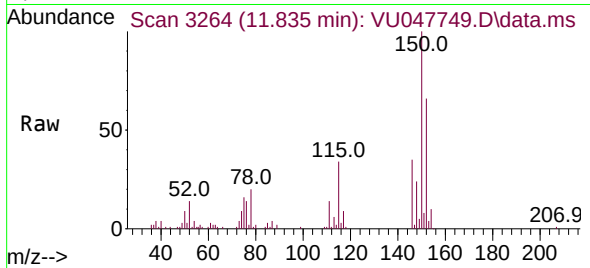




#65
1,4-Dichlorobenzene
Concen: 2.215 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047749.D
Acq: 29 Mar 2022 15:18

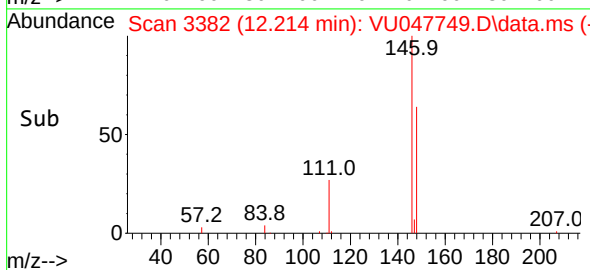
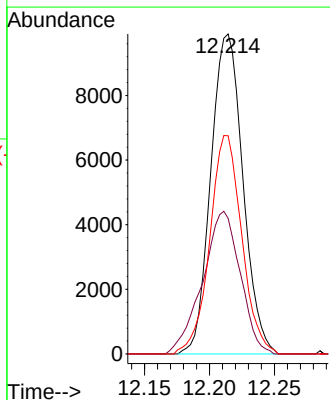
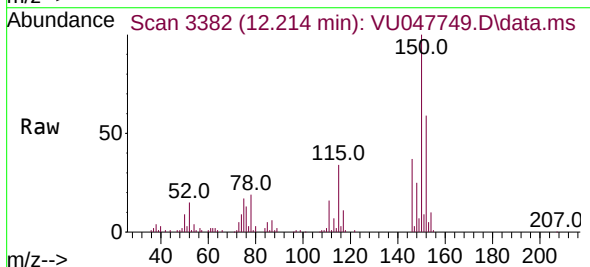
Instrument :
MSVOA_U
ClientSampleId :

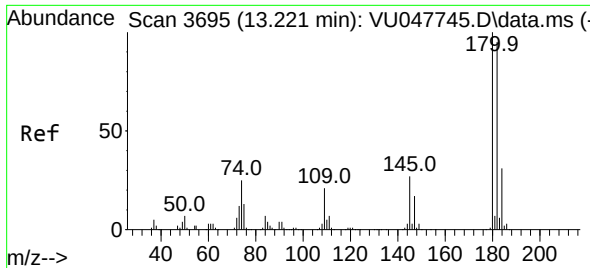
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	25.3	47.1
148	67.2	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 2.966 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047749.D
Acq: 29 Mar 2022 15:18

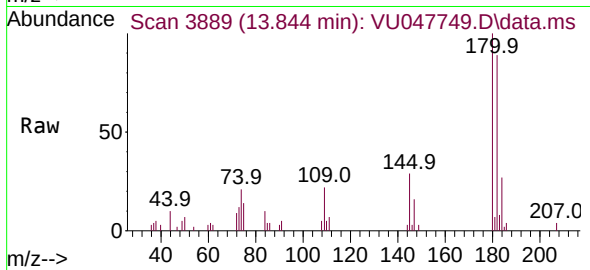
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	31.7	47.5
148	68.2	51.4	77.2





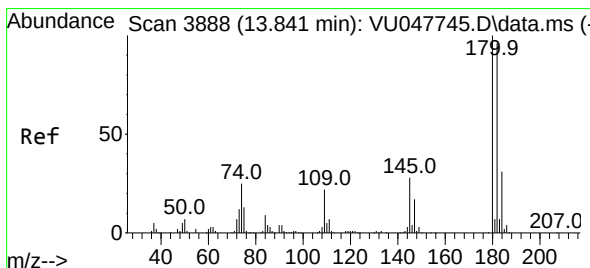
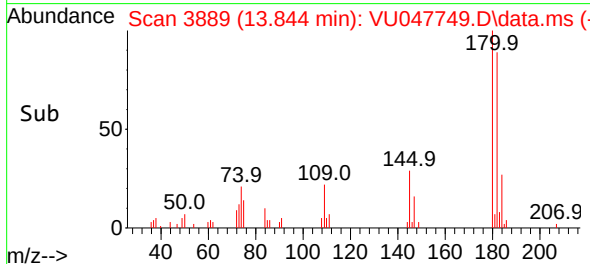
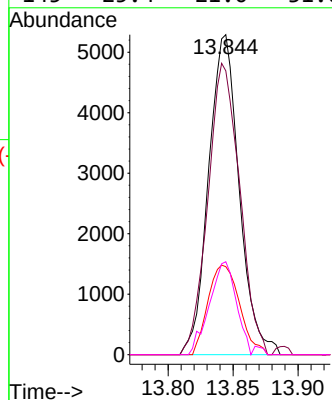
#69
 1,3,5-Trichlorobenzene
 Concen: 1.862 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU047749.D
 Acq: 29 Mar 2022 15:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 8667

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	28.8	24.5	36.7
145	25.4	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 2.126 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU047749.D
 Acq: 29 Mar 2022 15:18

Tgt Ion:180 Resp: 8667

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	25.4	21.8	32.8

