

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048200.D
 Acq On : 22 Apr 2022 03:22
 Operator : SY/MD
 Sample : N2488-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

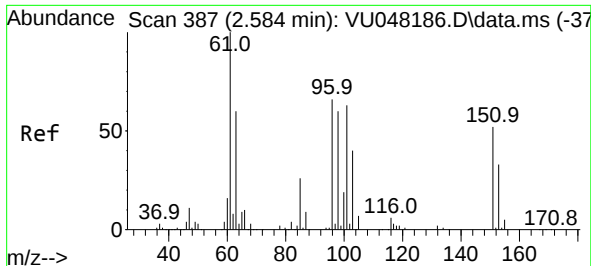
Instrument :
 MSVOA_V
 ClientSampleId :
 COHZ0

Quant Time: Apr 22 06:37:52 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	313996	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	332349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	160061	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90782	39.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.740%		
7) Chloroethane-d5	1.913	69	79677	44.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.760%		
11) 1,1-Dichloroethene-d2	2.569	63	125337	30.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.180%		
21) 2-Butanone-d5	4.626	46	177550	90.847	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.850%		
24) Chloroform-d	5.067	84	190745	45.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.560%		
26) 1,2-Dichloroethane-d4	5.703	65	119404	46.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
32) Benzene-d6	5.729	84	378767	45.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.580%		
36) 1,2-Dichloropropane-d6	6.694	67	127929	49.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.620%		
41) Toluene-d8	7.900	98	324200	39.790	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.580%#		
43) trans-1,3-Dichloroprop...	8.182	79	49703	38.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.400%		
47) 2-Hexanone-d5	8.636	63	117023	77.834	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199469	45.255	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	140309	49.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.540%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1201	0.519	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	942	0.437	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	2750	0.725	ug/L #	72
51) Chlorobenzene	9.449	112	11868	1.656	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	3391	0.705	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	20759	4.168	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	29658	6.165	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	9497	2.777	ug/L #	91

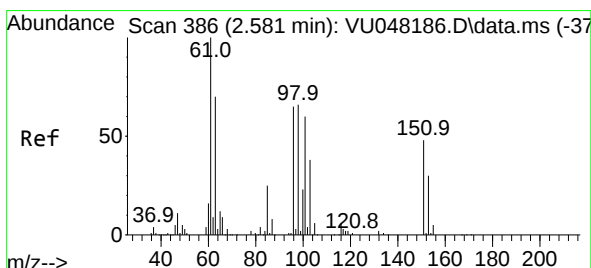
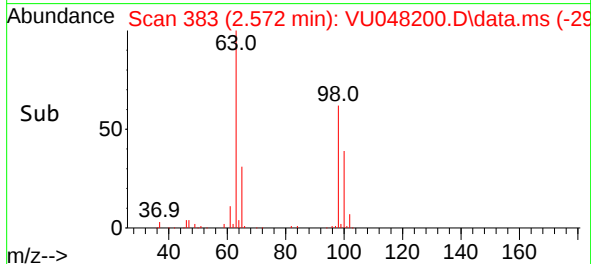
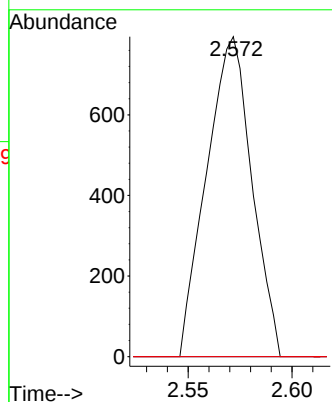
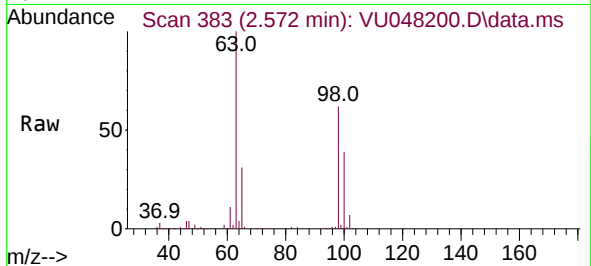
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.519 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048200.D
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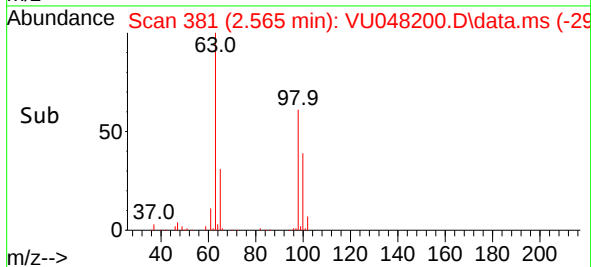
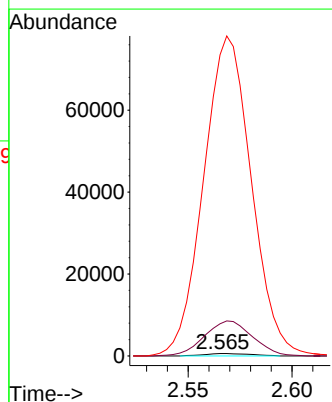
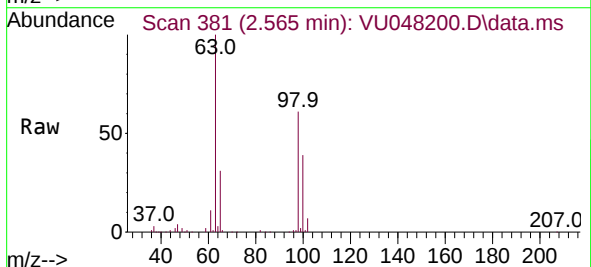
Instrument :
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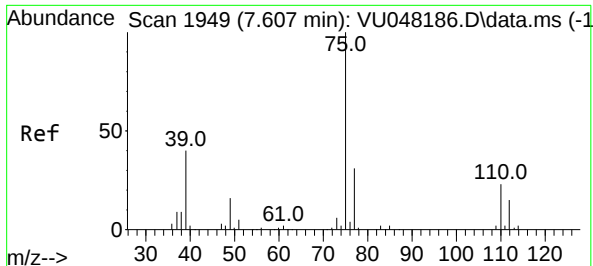
Tgt Ion:101 Resp: 1201
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.437 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048200.D
 Acq: 22 Apr 2022 03:22

Tgt Ion: 96 Resp: 942
 Ion Ratio Lower Upper
 96 100
 61 1331.0 113.1 210.1#
 63 12442.6 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.041 min

Lab File: VU048200.D

Acq: 22 Apr 2022 03:22

Instrument :

MSVOA_V

ClientSampleId :

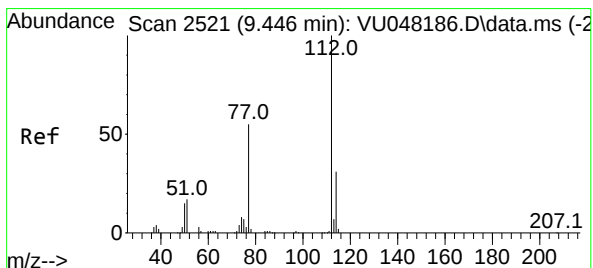
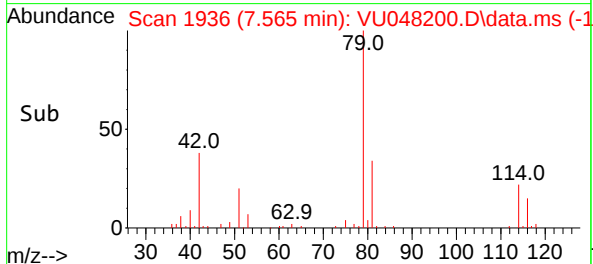
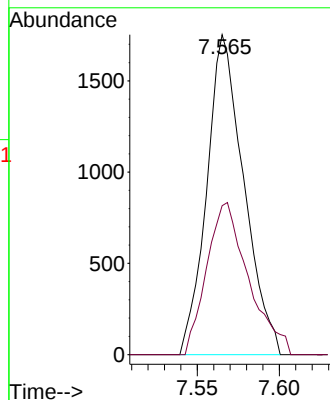
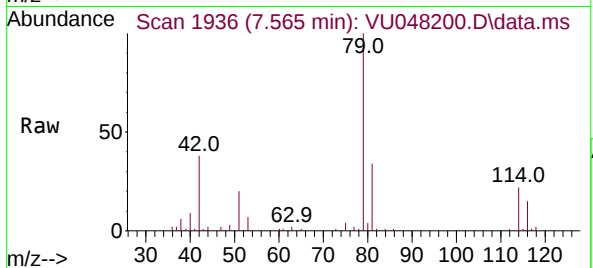
COHZ0

Tgt Ion: 75 Resp: 2750

Ion Ratio Lower Upper

75 100

77 46.5 21.8 40.6#



#51

Chlorobenzene

Concen: 1.656 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.004 min

Lab File: VU048200.D

Acq: 22 Apr 2022 03:22

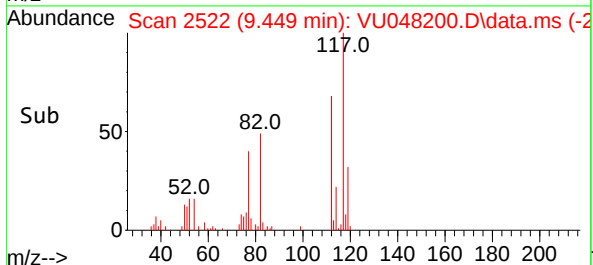
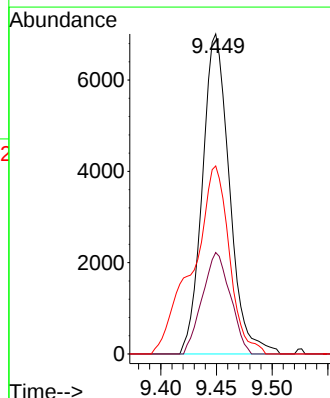
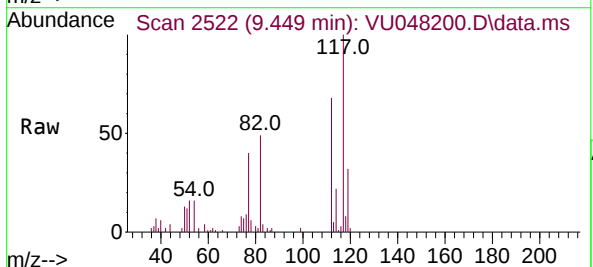
Tgt Ion: 112 Resp: 11868

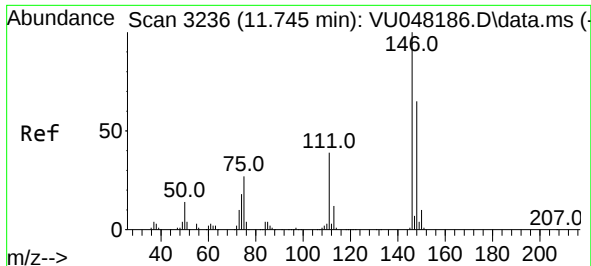
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 58.8 43.4 65.0

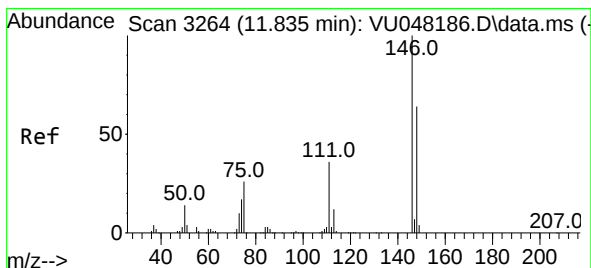
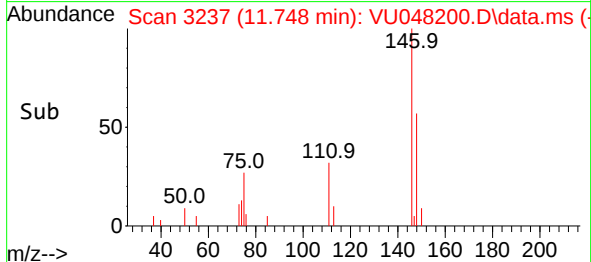
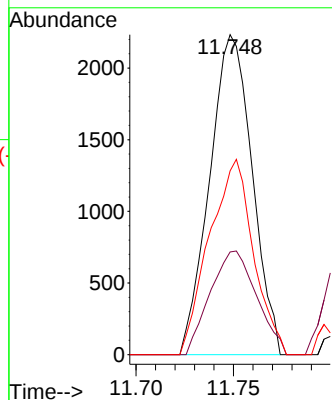
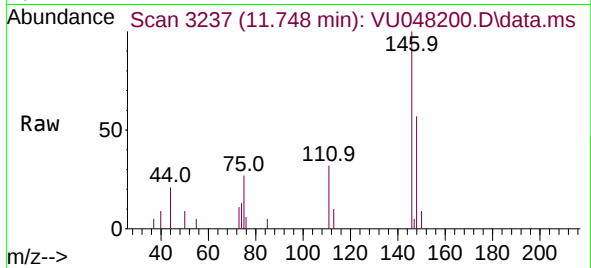




#64
1,3-Dichlorobenzene
Concen: 0.705 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU048200.D
Acq: 22 Apr 2022 03:22

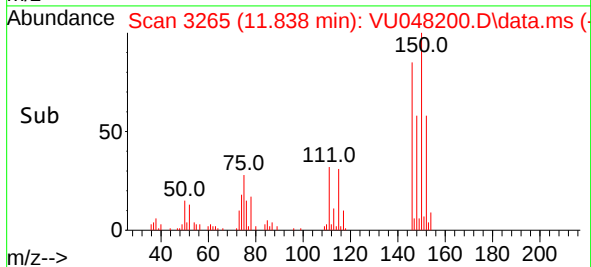
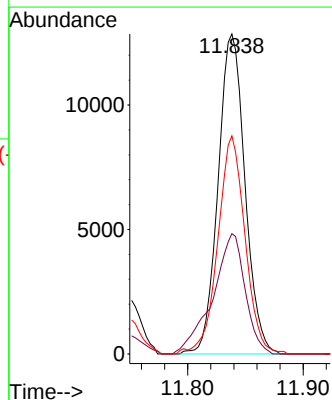
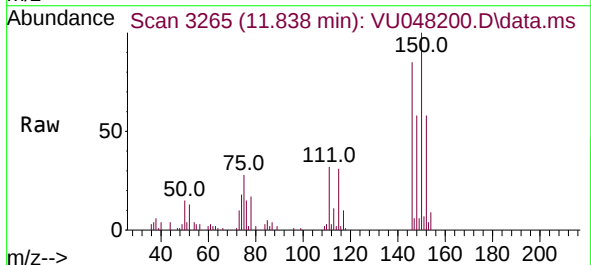
Instrument :
MSVOA_V
ClientSampleId :
COHZ0

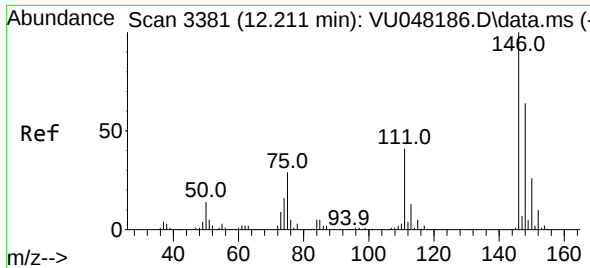
Tgt Ion:146 Resp: 3391
Ion Ratio Lower Upper
146 100
111 32.1 26.7 49.7
148 57.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.168 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.004 min
Lab File: VU048200.D
Acq: 22 Apr 2022 03:22

Tgt Ion:146 Resp: 20759
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 68.1 44.5 82.7

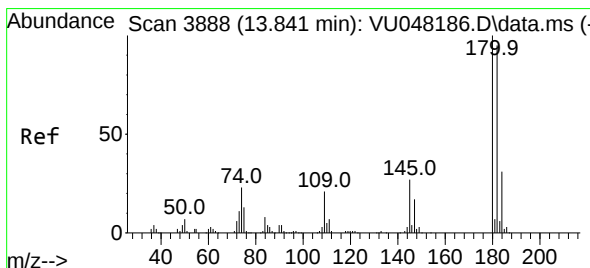
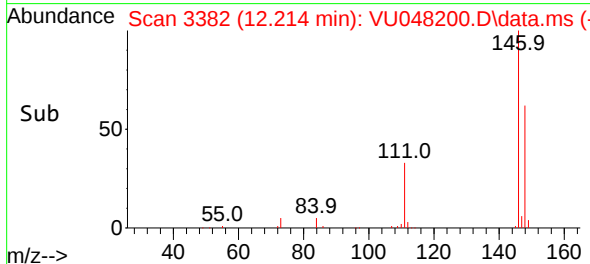
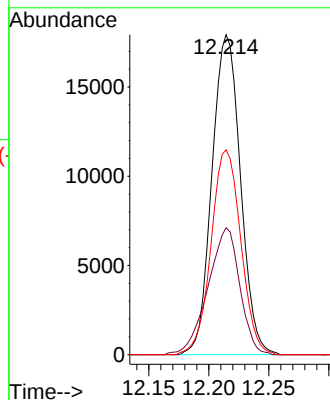
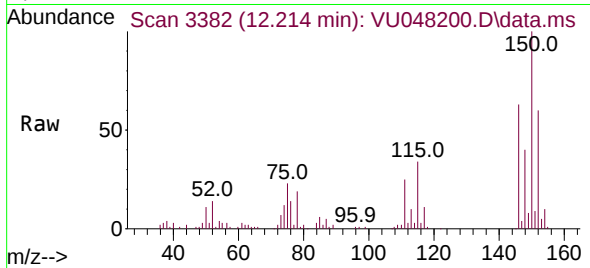




#67
1,2-Dichlorobenzene
Concen: 6.165 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU048200.D
Acq: 22 Apr 2022 03:22

Instrument :
MSVOA_V
ClientSampleId :
COHZ0

Tgt Ion:146 Resp: 29658
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 64.0 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 2.777 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.004 min
Lab File: VU048200.D
Acq: 22 Apr 2022 03:22

Tgt Ion:180 Resp: 9497
Ion Ratio Lower Upper
180 100
182 99.4 76.2 114.2
145 13.4 21.8 32.8#

