

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047910.D
 Acq On : 11 Apr 2022 16:51
 Operator : SY/MD
 Sample : N2316-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:04:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

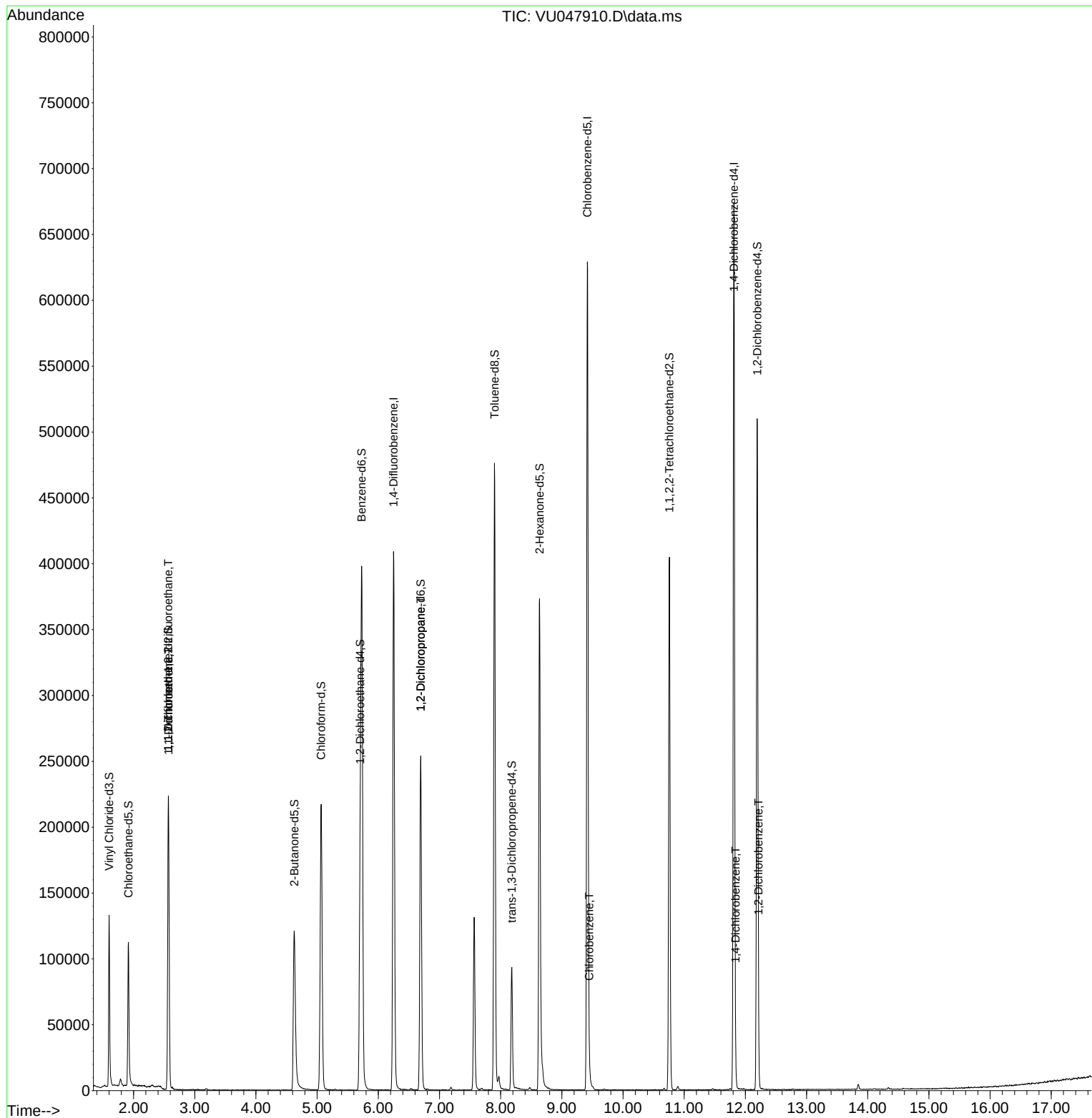
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352602	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191144	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	96132	37.596	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.200%		
7) Chloroethane-d5	1.916	69	85796	42.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.100%		
11) 1,1-Dichloroethene-d2	2.568	63	126079	26.951	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.900%#		
21) 2-Butanone-d5	4.626	46	178248	81.218	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.220%		
24) Chloroform-d	5.067	84	191322	40.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.780%		
26) 1,2-Dichloroethane-d4	5.703	65	124302	43.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
32) Benzene-d6	5.729	84	372393	39.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.100%		
36) 1,2-Dichloropropane-d6	6.694	67	121363	41.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.940%		
41) Toluene-d8	7.899	98	322132	35.111	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.220%#		
43) trans-1,3-Dichloroprop...	8.182	79	52506	35.837	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.680%		
47) 2-Hexanone-d5	8.636	63	127108	75.079	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.080%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196055	39.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	147449	43.359	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.720%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1276	0.491	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1022	0.423	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	12834	4.661	ug/L #	88
51) Chlorobenzene	9.446	112	5752	0.713	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	5676	0.954	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	4655	0.810	ug/L	93

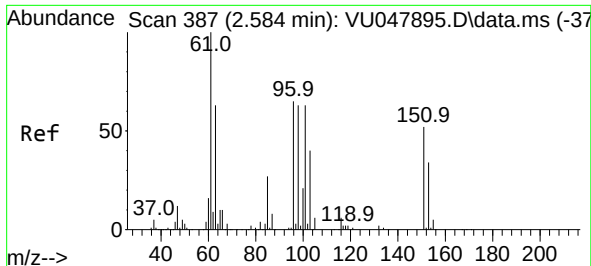
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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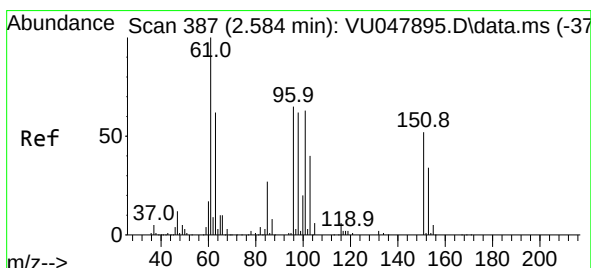
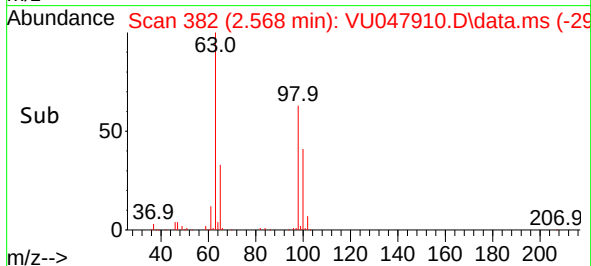
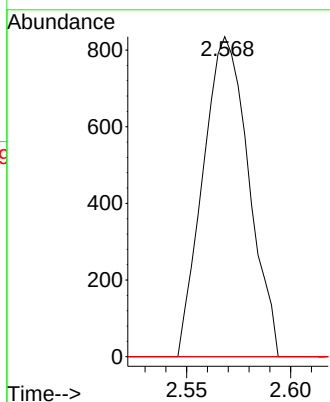
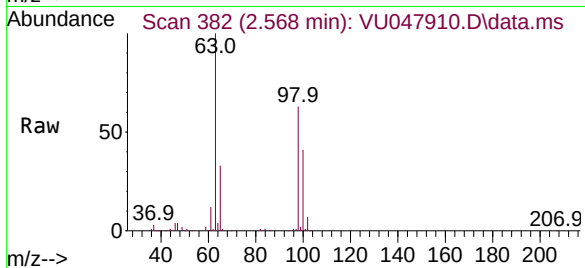




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.491 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047910.D
 Acq: 11 Apr 2022 16:51

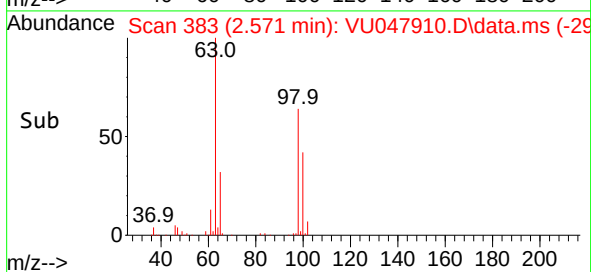
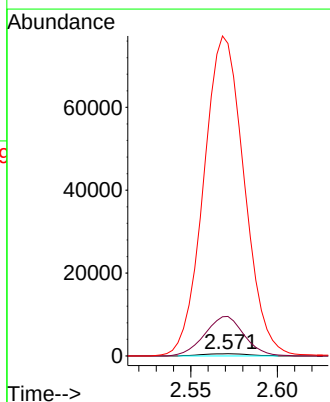
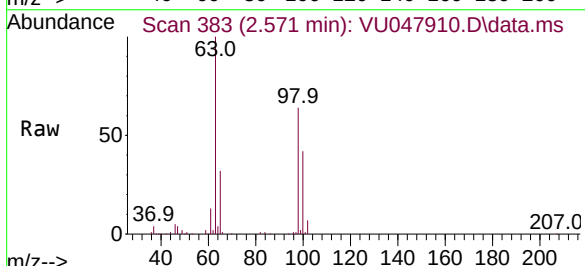
Instrument :
 MSVOA_U
 ClientSampleId :

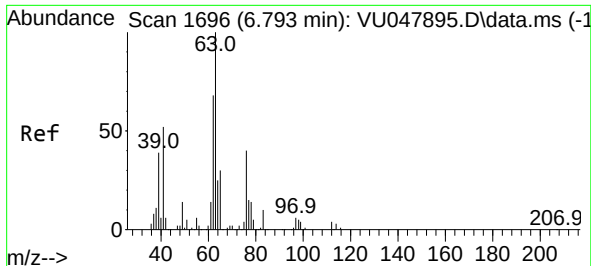
Tgt Ion:101 Resp: 1276
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.423 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047910.D
 Acq: 11 Apr 2022 16:51

Tgt Ion: 96 Resp: 1022
 Ion Ratio Lower Upper
 96 100
 61 1811.0 113.1 210.1#
 63 14334.6 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 4.661 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047910.D

Acq: 11 Apr 2022 16:51

Instrument :

MSVOA_U

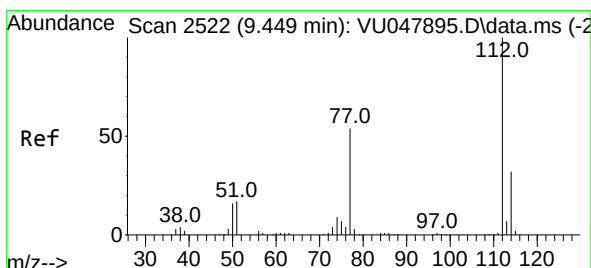
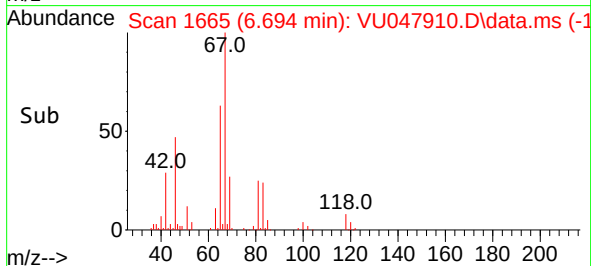
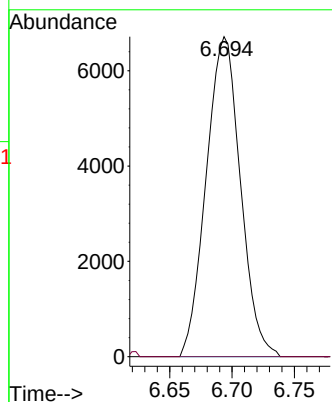
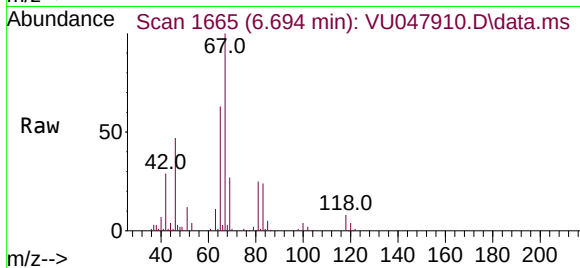
ClientSampleId :

Tgt Ion: 63 Resp: 12834

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#51

Chlorobenzene

Concen: 0.713 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047910.D

Acq: 11 Apr 2022 16:51

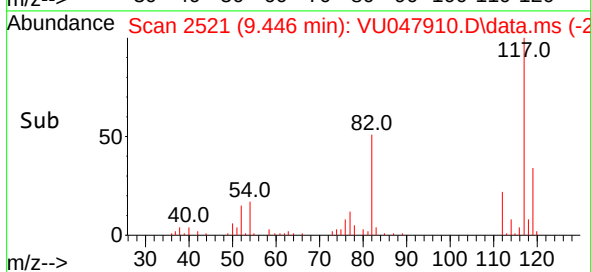
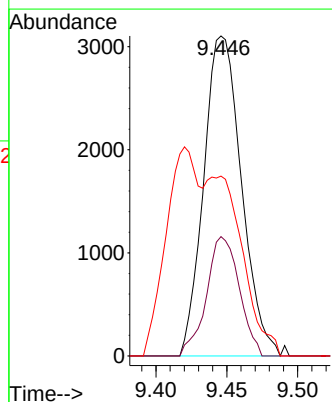
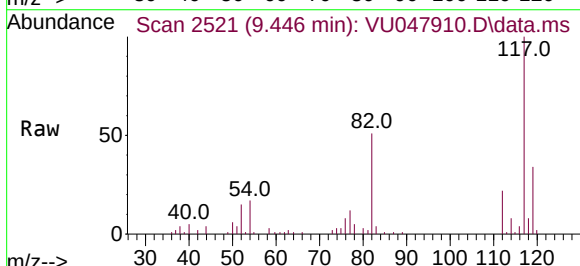
Tgt Ion: 112 Resp: 5752

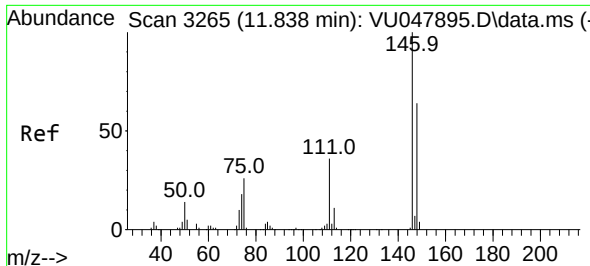
Ion Ratio Lower Upper

112 100

114 37.3 22.1 41.1

77 56.2 43.4 65.0

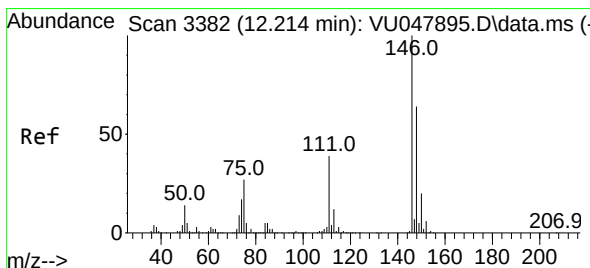
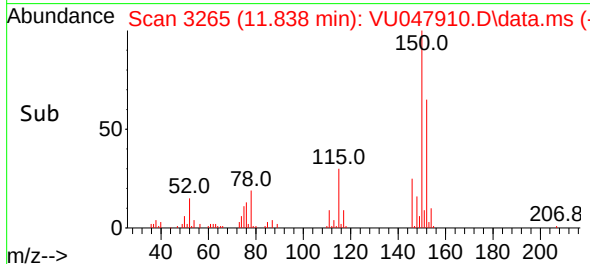
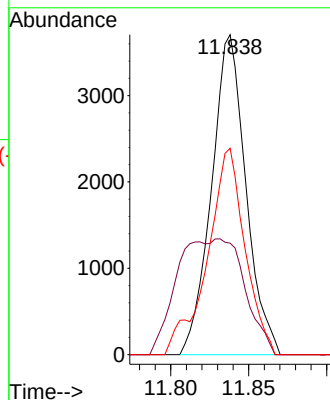
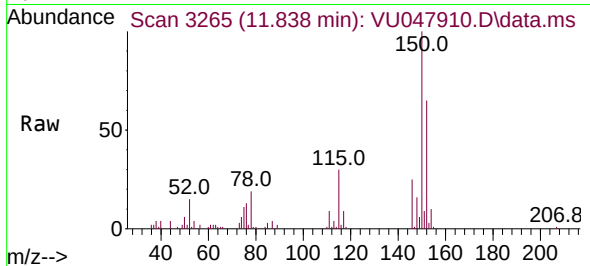




#65
1,4-Dichlorobenzene
Concen: 0.954 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047910.D
Acq: 11 Apr 2022 16:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	25.3	47.1
148	64.5	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 0.810 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047910.D
Acq: 11 Apr 2022 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	31.7	47.5
148	58.9	51.4	77.2

