

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047922.D
 Acq On : 11 Apr 2022 21:51
 Operator : SY/MD
 Sample : N2293-04
 Misc : 6.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

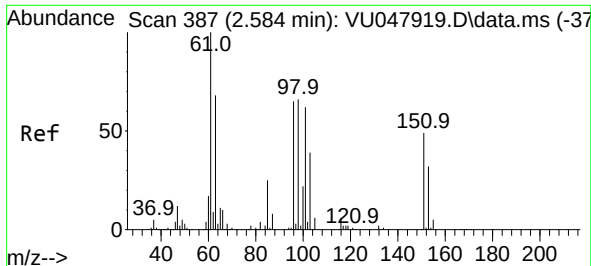
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	443881	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	468220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	253002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72238	22.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	44.880%#		
7) Chloroethane-d5	1.900	69	42280	16.658	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	33.320%#		
11) 1,1-Dichloroethene-d2	2.539	63	139822	23.742	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.480%#		
21) 2-Butanone-d5	4.649	46	205187	74.267	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.270%		
24) Chloroform-d	5.064	84	211952	35.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.980%		
26) 1,2-Dichloroethane-d4	5.703	65	142656	39.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.980%		
32) Benzene-d6	5.723	84	431891	36.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.320%		
36) 1,2-Dichloropropane-d6	6.690	67	140650	38.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.740%		
41) Toluene-d8	7.899	98	382112	33.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.580%#		
43) trans-1,3-Dichloroprop...	8.182	79	58502	31.914	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.820%		
47) 2-Hexanone-d5	8.668	63	154334	72.863	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.860%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	224265	36.116	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.240%		
66) 1,2-Dichlorobenzene-d4	12.198	152	173064	38.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.900%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1175	0.359	ug/L #	18
33) Benzene	5.771	78	73477	5.422	ug/L	100
42) Toluene	7.970	91	24156	1.624	ug/L	99
51) Chlorobenzene	9.452	112	454429	45.006	ug/L	98
60) 1,2,3-Trichloropropane	10.790	75	18928	3.969	ug/L #	1
65) 1,4-Dichlorobenzene	11.841	146	5522	0.701	ug/L	94
67) 1,2-Dichlorobenzene	12.218	146	15036	1.977	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.970	75	166996	109.306	ug/L #	1

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

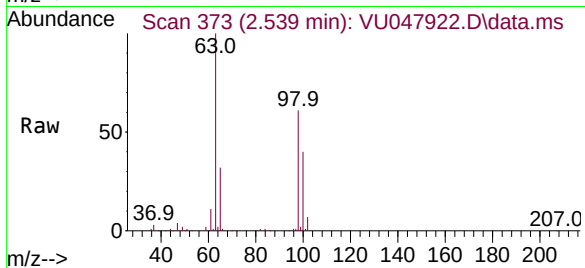
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Quant Title : VOC Analysis
QLast Update : Tue Apr 12 04:48:51 2022
Response via : Initial Calibration



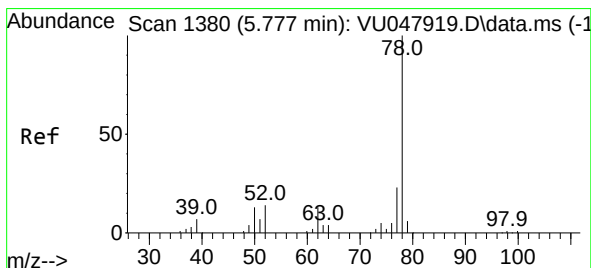
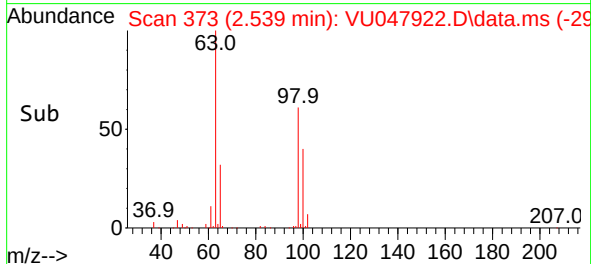
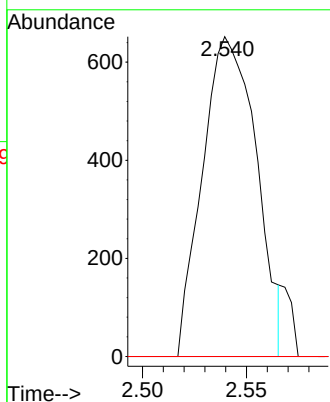


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.359 ug/L
RT: 2.539 min Scan# 31
Delta R.T. -0.045 min
Lab File: VU047922.D
Acq: 11 Apr 2022 21:51

Instrument :
MSVOA_U
ClientSampleId :

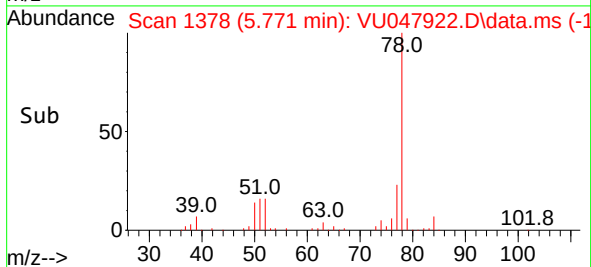
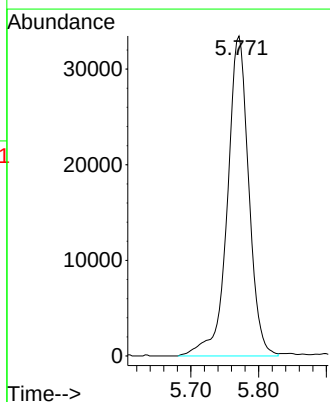
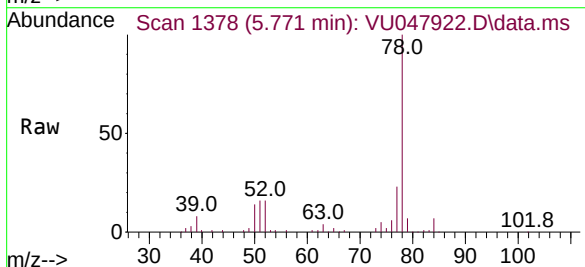


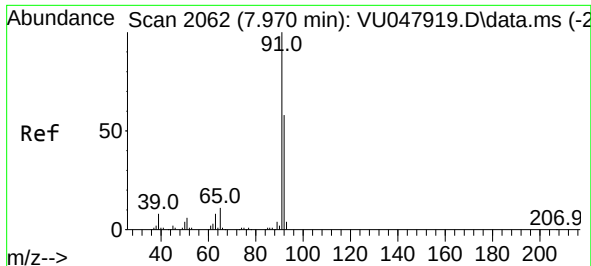
Tgt Ion:101 Resp: 1175
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#33
Benzene
Concen: 5.422 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU047922.D
Acq: 11 Apr 2022 21:51

Tgt Ion: 78 Resp: 73477





#42

Toluene

Concen: 1.624 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047922.D

Acq: 11 Apr 2022 21:51

Instrument :

MSVOA_U

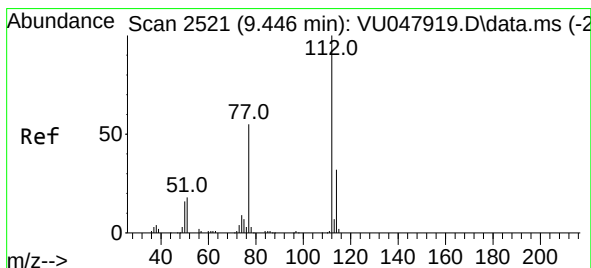
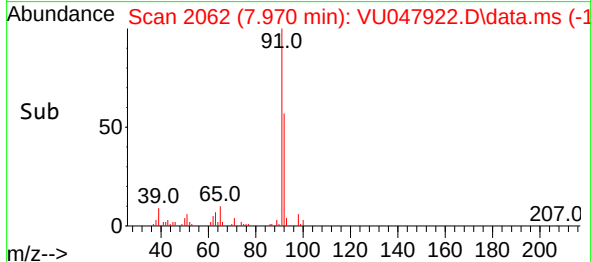
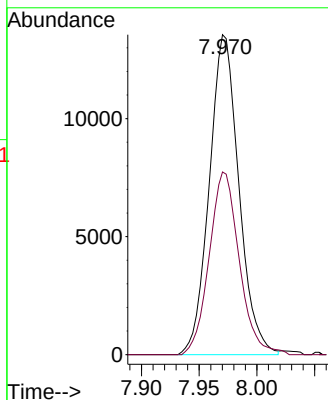
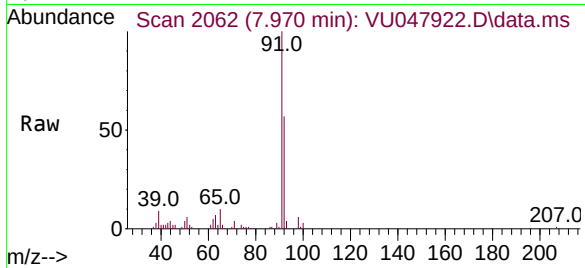
ClientSampleId :

Tgt Ion: 91 Resp: 24156

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#51

Chlorobenzene

Concen: 45.006 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.007 min

Lab File: VU047922.D

Acq: 11 Apr 2022 21:51

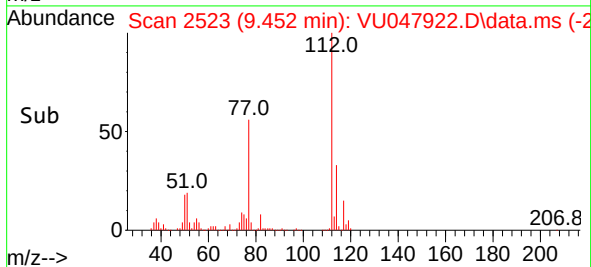
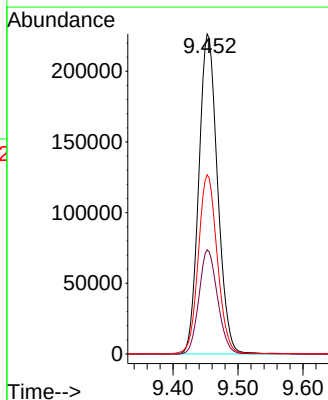
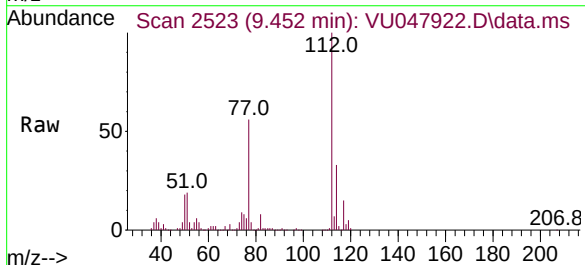
Tgt Ion: 112 Resp: 454429

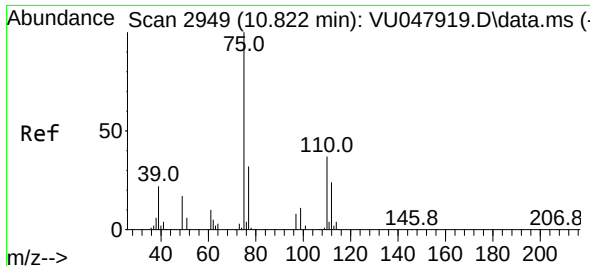
Ion Ratio Lower Upper

112 100

114 32.6 22.1 41.1

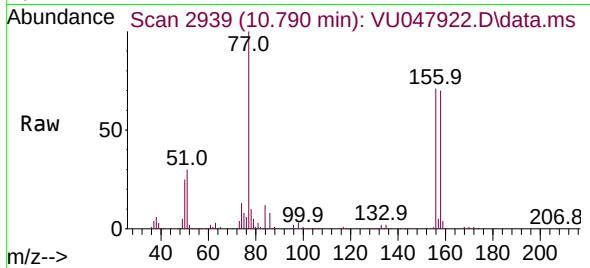
77 56.0 43.4 65.0



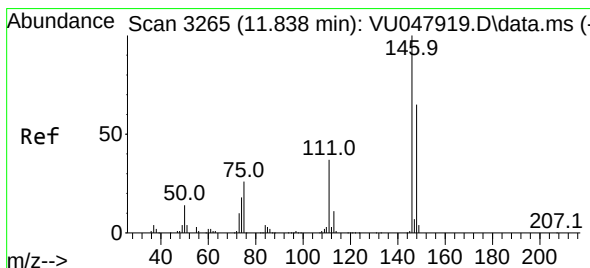
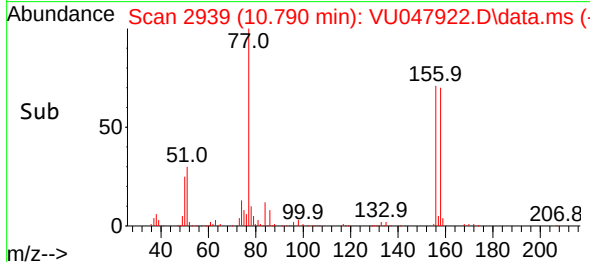
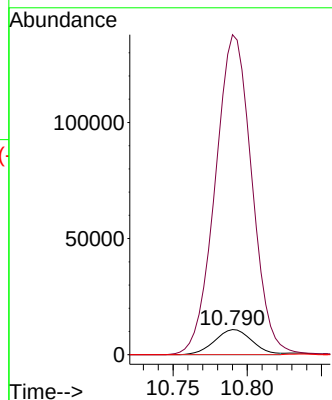


#60
 1,2,3-Trichloropropane
 Concen: 3.969 ug/L
 RT: 10.790 min Scan# 2949
 Delta R.T. -0.032 min
 Lab File: VU047922.D
 Acq: 11 Apr 2022 21:51

Instrument :
 MSVOA_U
 ClientSampleId :

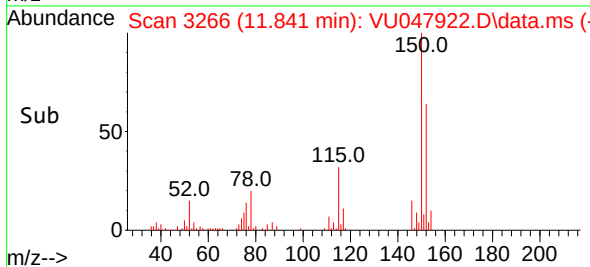
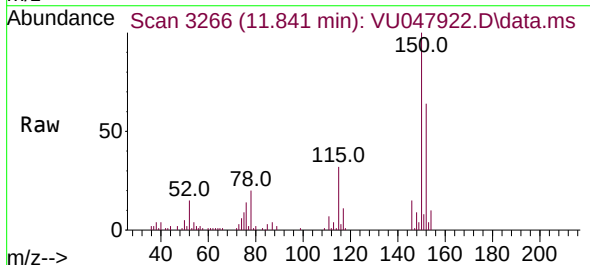
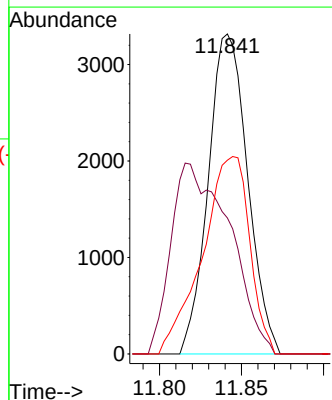


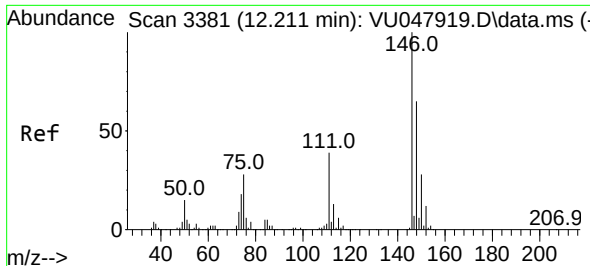
Tgt Ion: 75 Resp: 18928
 Ion Ratio Lower Upper
 75 100
 77 1250.9 26.0 39.0#
 110 1.6 31.4 47.2#



#65
 1,4-Dichlorobenzene
 Concen: 0.701 ug/L
 RT: 11.841 min Scan# 3266
 Delta R.T. 0.003 min
 Lab File: VU047922.D
 Acq: 11 Apr 2022 21:51

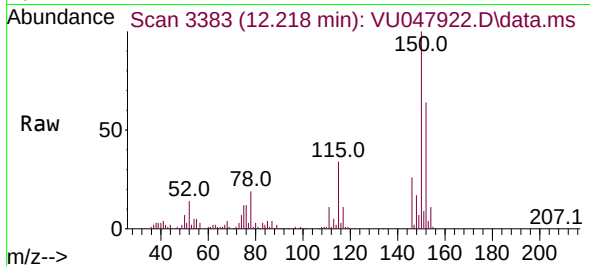
Tgt Ion: 146 Resp: 5522
 Ion Ratio Lower Upper
 146 100
 111 42.5 25.3 47.1
 148 60.5 44.5 82.7



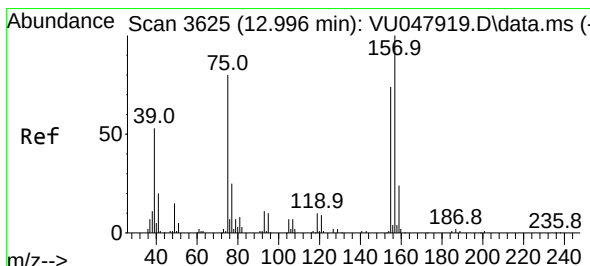
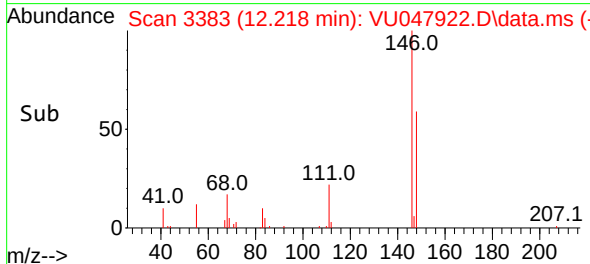
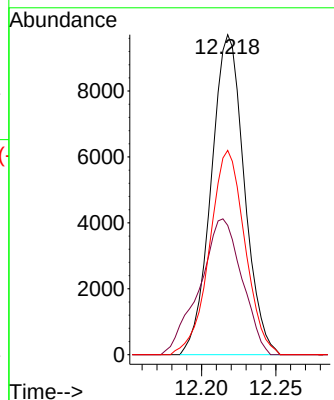


#67
1,2-Dichlorobenzene
Concen: 1.977 ug/L
RT: 12.218 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU047922.D
Acq: 11 Apr 2022 21:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 15036
Ion Ratio Lower Upper
146 100
111 40.4 31.7 47.5
148 63.8 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 109.306 ug/L
RT: 12.970 min Scan# 3617
Delta R.T. -0.026 min
Lab File: VU047922.D
Acq: 11 Apr 2022 21:51

Tgt Ion: 75 Resp: 166996
Ion Ratio Lower Upper
75 100
155 3.0 78.9 118.3#
157 2.5 97.5 146.3#

