

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047932.D
 Acq On : 12 Apr 2022 01:42
 Operator : SY/MD
 Sample : N2316-14 10X
 Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNR4

Quant Time: Apr 12 05:07:32 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)

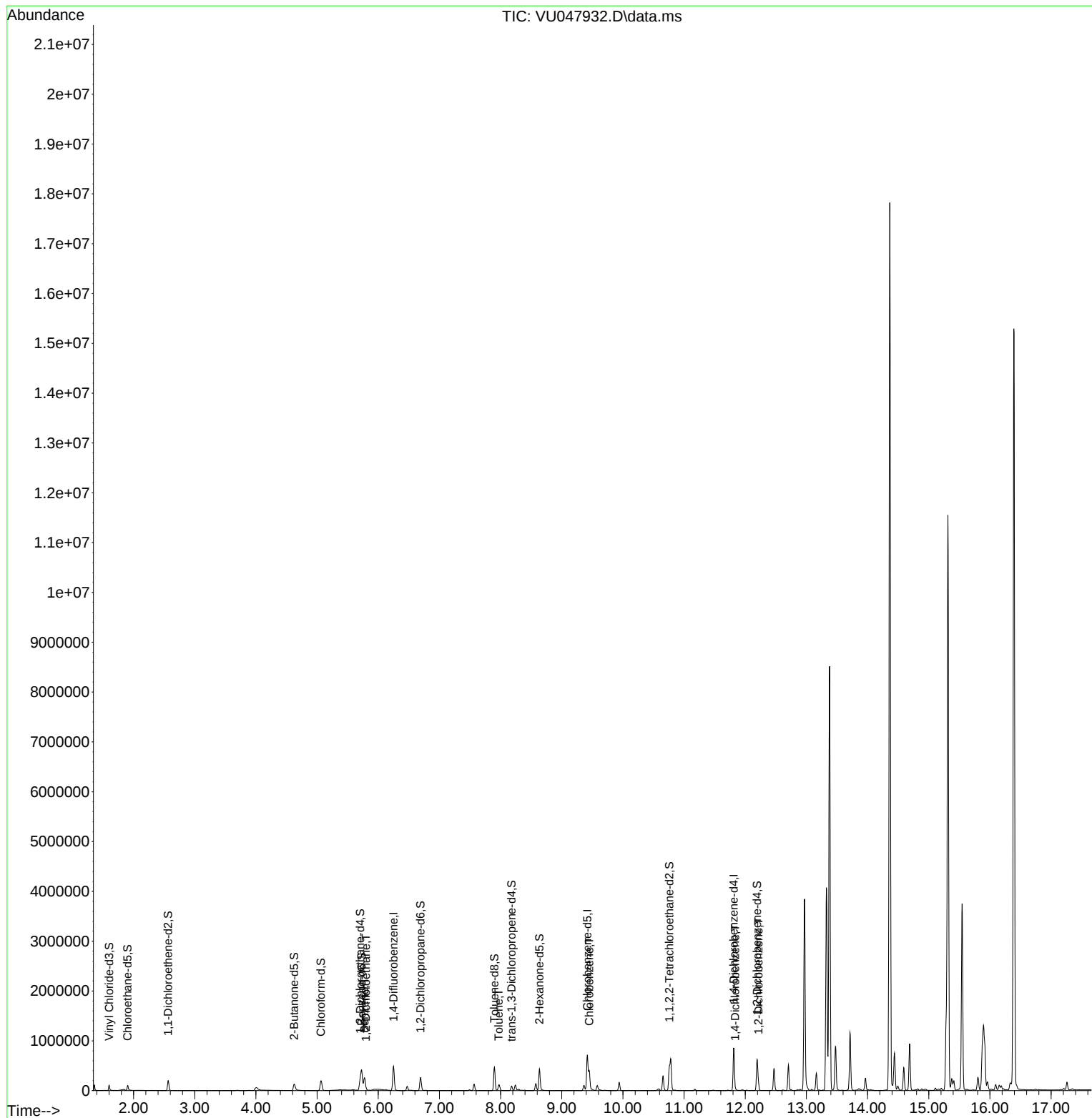
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	407560	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	407513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	238414	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86066	29.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.240%#		
7) Chloroethane-d5	1.903	69	81133	34.815	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.640%#		
11) 1,1-Dichloroethene-d2	2.565	63	114774	21.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	42.460%#		
21) 2-Butanone-d5	4.626	46	190027	74.910	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.910%		
24) Chloroform-d	5.063	84	187505	34.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.340%#		
26) 1,2-Dichloroethane-d4	5.703	65	127975	38.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.180%		
32) Benzene-d6	5.729	84	374742	36.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.100%		
36) 1,2-Dichloropropane-d6	6.690	67	126605	40.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.400%		
41) Toluene-d8	7.899	98	316772	31.707	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	63.420%#		
43) trans-1,3-Dichloroprop...	8.179	79	50321	31.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.080%		
47) 2-Hexanone-d5	8.636	63	146524	79.481	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213286	39.465	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.920%		
66) 1,2-Dichlorobenzene-d4	12.195	152	157883	37.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.440%#		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.796	62	18964	4.384	ug/L	100
33) Benzene	5.774	78	240569	20.395	ug/L	100
42) Toluene	7.970	91	69319	5.356	ug/L	99
51) Chlorobenzene	9.449	112	119564	13.606	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	7687	1.036	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	55934	7.805	ug/L	99

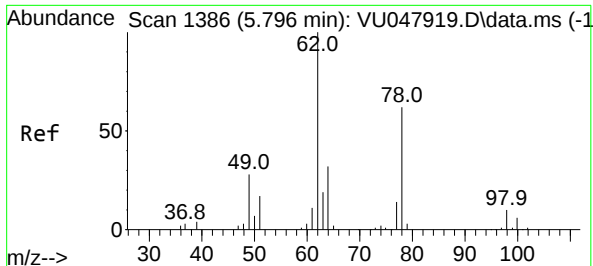
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#27

1,2-Dichloroethane

Concen: 4.384 ug/L

RT: 5.796 min Scan# 11

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

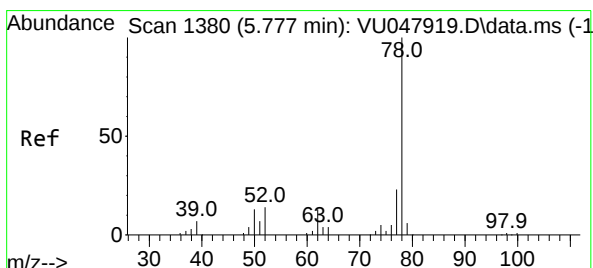
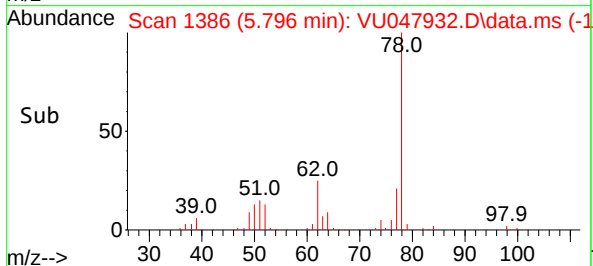
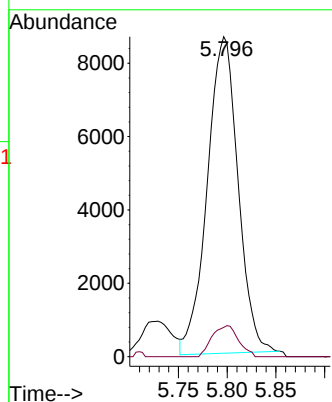
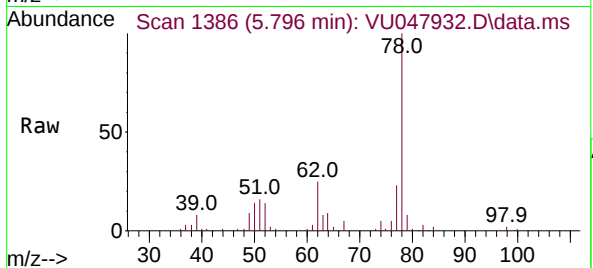
ETNR4

Tgt Ion: 62 Resp: 18964

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0



#33

Benzene

Concen: 20.395 ug/L

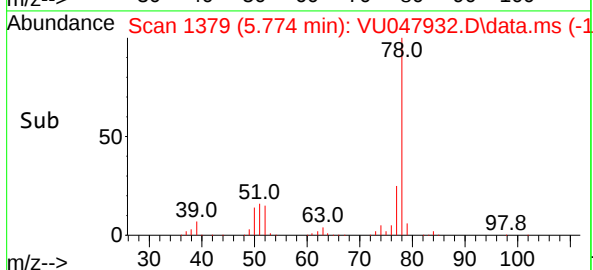
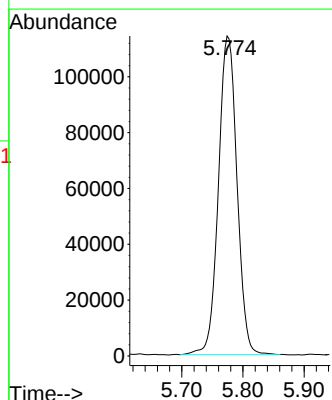
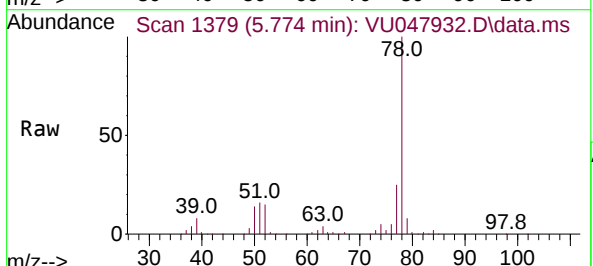
RT: 5.774 min Scan# 1379

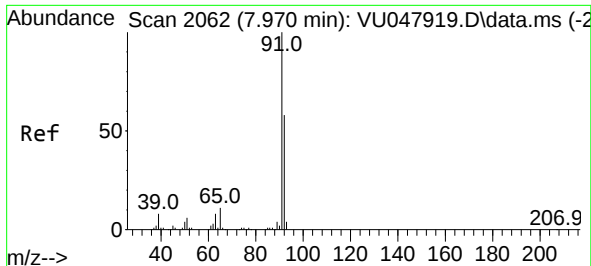
Delta R.T. -0.003 min

Lab File: VU047932.D

Acq: 12 Apr 2022 01:42

Tgt Ion: 78 Resp: 240569





#42

Toluene

Concen: 5.356 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047932.D

Acq: 12 Apr 2022 01:42

Instrument :

MSVOA_U

ClientSampleId :

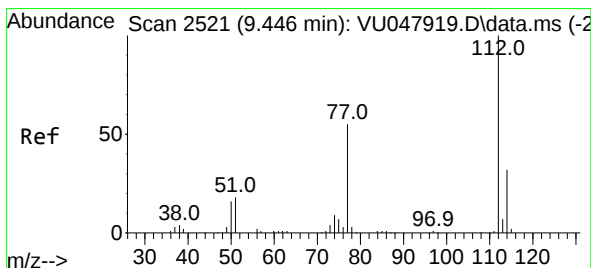
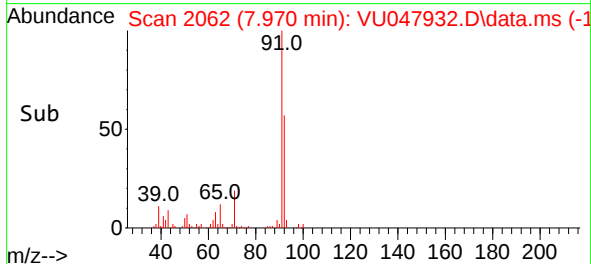
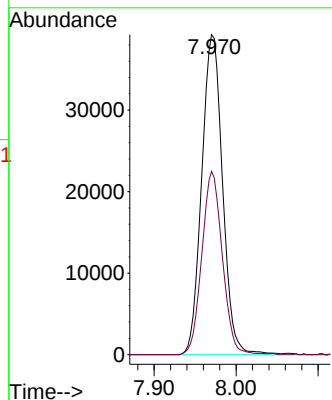
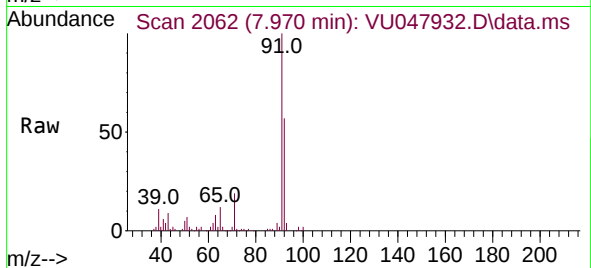
ETNR4

Tgt Ion: 91 Resp: 69319

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#51

Chlorobenzene

Concen: 13.606 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047932.D

Acq: 12 Apr 2022 01:42

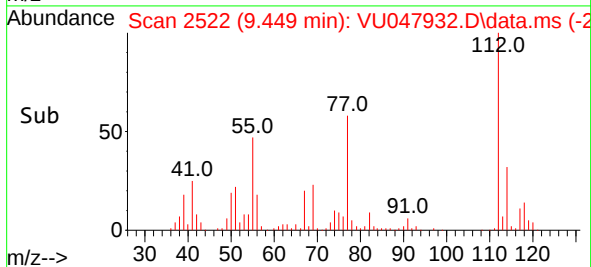
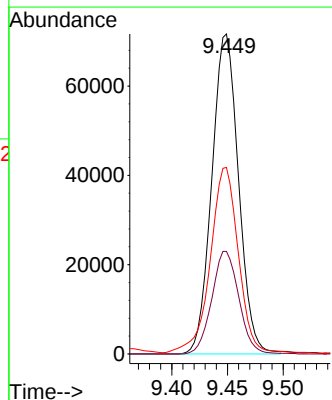
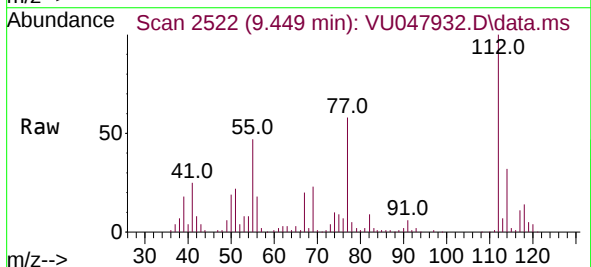
Tgt Ion: 112 Resp: 119564

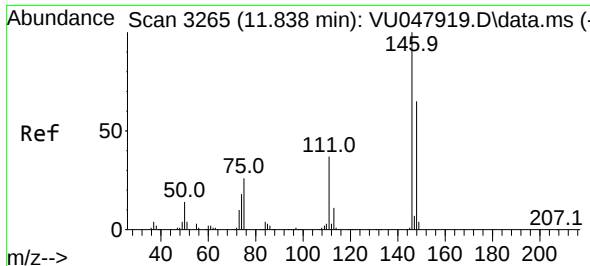
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 58.3 43.4 65.0

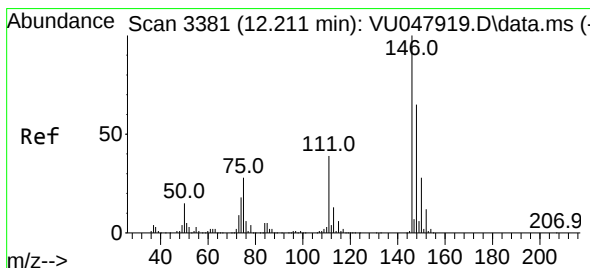
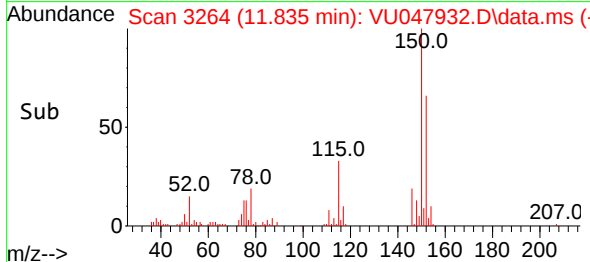
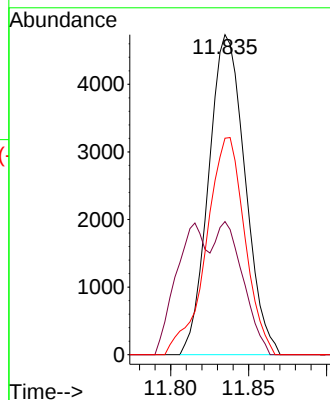
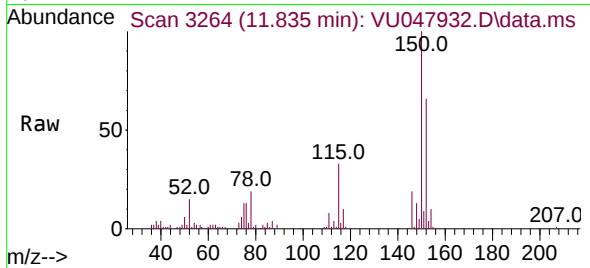




#65
1,4-Dichlorobenzene
Concen: 1.036 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047932.D
Acq: 12 Apr 2022 01:42

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Tgt Ion:146 Resp: 7687
Ion Ratio Lower Upper
146 100
111 41.6 25.3 47.1
148 67.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 7.805 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047932.D
Acq: 12 Apr 2022 01:42

Tgt Ion:146 Resp: 55934
Ion Ratio Lower Upper
146 100
111 38.4 31.7 47.5
148 63.6 51.4 77.2

