

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047934.D
 Acq On : 12 Apr 2022 02:28
 Operator : SY/MD
 Sample : N2293-18ME
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNP6ME

Quant Time: Apr 12 05:07:56 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	518576	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	536853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	291861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90169	23.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	47.960%#		
7) Chloroethane-d5	1.896	69	57337m	19.337	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	38.680%#		
11) 1,1-Dichloroethene-d2	2.543	63	124588	18.108	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	36.220%#		
21) 2-Butanone-d5	4.642	46	185145	57.360	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	57.360%		
24) Chloroform-d	5.063	84	188837	27.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	54.880%#		
26) 1,2-Dichloroethane-d4	5.703	65	125118	29.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	59.300%#		
32) Benzene-d6	5.722	84	385499	28.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	57.080%#		
36) 1,2-Dichloropropane-d6	6.690	67	127350	30.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	61.400%#		
41) Toluene-d8	7.899	98	344295	26.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	52.320%#		
43) trans-1,3-Dichloroprop...	8.182	79	52715	25.081	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.160%#		
47) 2-Hexanone-d5	8.661	63	138447	57.006	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	57.010%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	197378	27.722	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	55.440%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	154324	29.721	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	59.440%#		
Target Compounds					Qvalue	
33) Benzene	5.771	78	70891	4.562	ug/L	100
42) Toluene	7.970	91	19474	1.142	ug/L	95
51) Chlorobenzene	9.452	112	633673	54.735	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	9428	1.075	ug/L	97

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

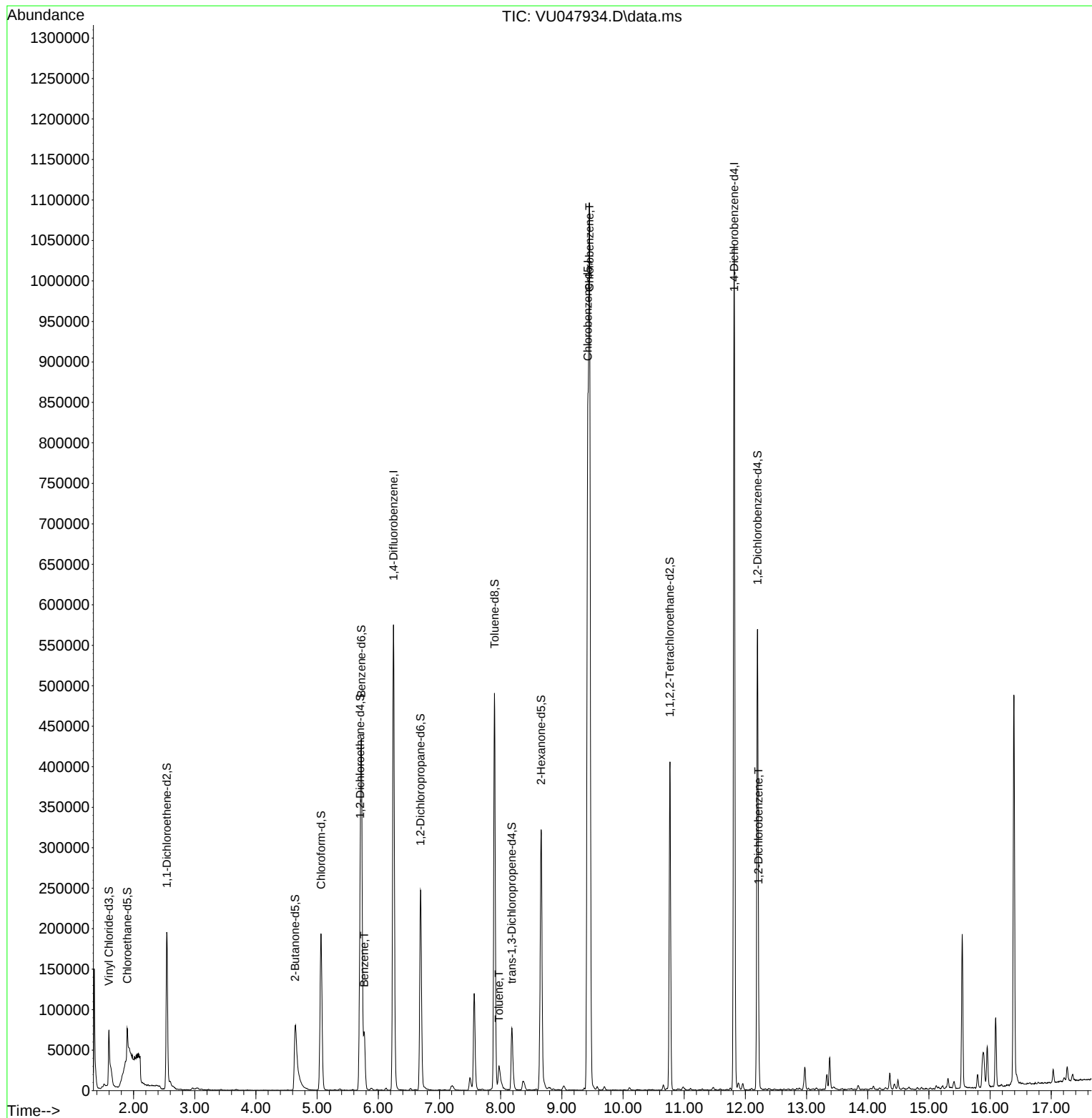
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047934.D
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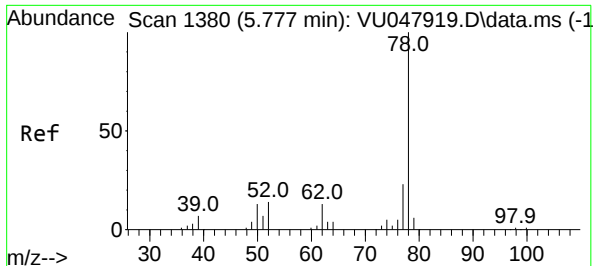
Instrument :
MSVOA_U
ClientSampleId :
ETNP6ME

Quant Time: Apr 12 05:07:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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#33

Benzene

Concen: 4.562 ug/L

RT: 5.771 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU047934.D

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Instrument :

MSVOA_U

ClientSampleId :

ETNP6ME

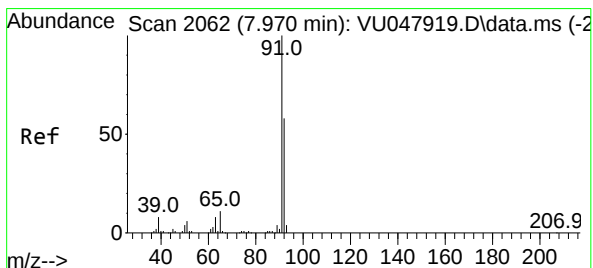
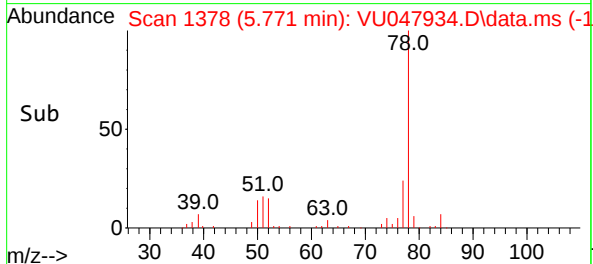
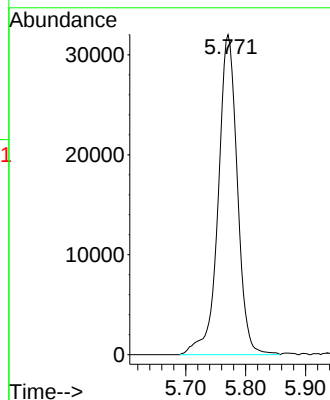
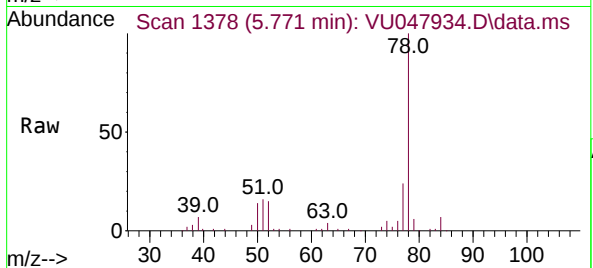
Tgt Ion: 78 Resp: 7089

Manual Integrations

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#42

Toluene

Concen: 1.142 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047934.D

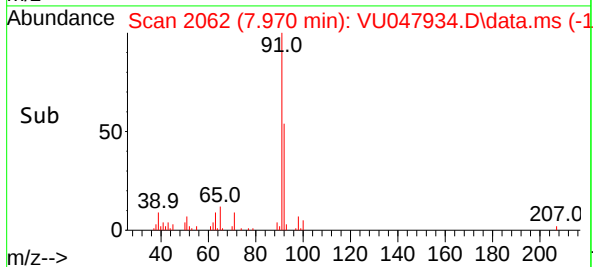
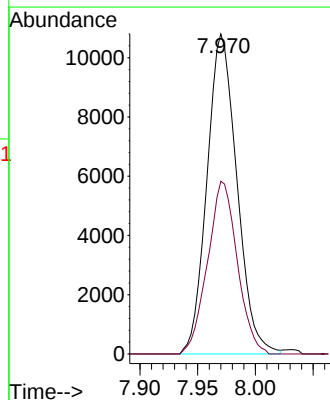
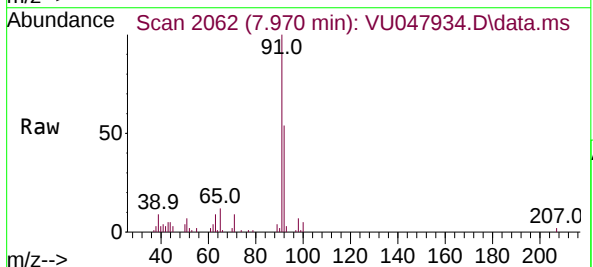
Acq: 12 Apr 2022 02:28

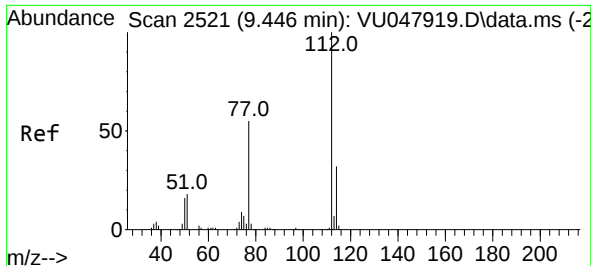
Tgt Ion: 91 Resp: 19474

Ion Ratio Lower Upper

91 100

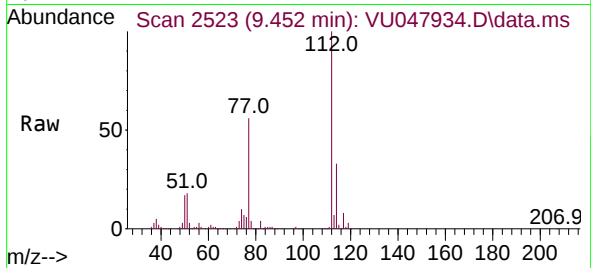
92 53.9 40.4 75.0





#51
Chlorobenzene
Concen: 54.735 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047934.D
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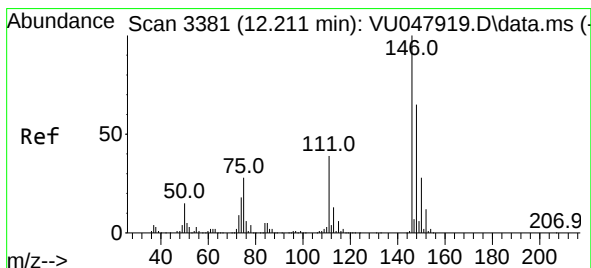
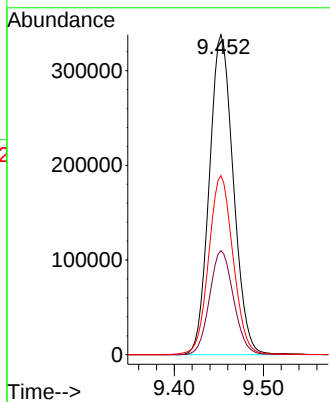
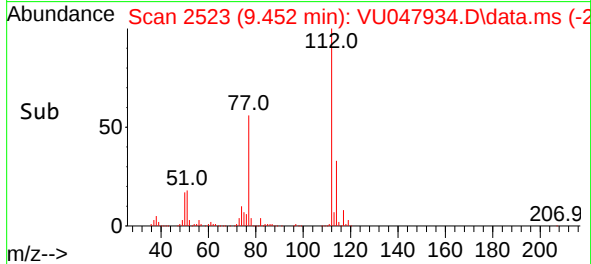
Instrument :
MSVOA_U
ClientSampleId :
ETNP6ME



Tgt Ion:112 Resp: 63367
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.0 43.4 65.0

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#67
1,2-Dichlorobenzene
Concen: 1.075 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047934.D
Acq: 12 Apr 2022 02:28

Tgt Ion:146 Resp: 9428
Ion Ratio Lower Upper
146 100
111 44.5 31.7 47.5
148 64.6 51.4 77.2

