Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046113.D
Acq On : 06 Dec 2021 15:42
Operator : SY/MD
Sample : M4942-03DL 100X
Misc : 3.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 07 01:10:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	190989	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69474	44.159	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.320%			
7) Chloroethane-d5	1.916	69	50652	41.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.860%			
11) 1,1-Dichloroethene-d2	2.572	63	102612	36.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.660%			
21) 2-Butanone-d5	4.629	46	119642	95.662	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.660%			
24) Chloroform-d	5.067	84	127813	48.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.300%			
26) 1,2-Dichloroethane-d4	5.703	65	88235	50.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.080%			
32) Benzene-d6	5.729	84	287290	52.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.320%			
36) 1,2-Dichloropropane-d6	6.694	67	88871	52.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.140%			
41) Toluene-d8	7.899	98	263690	53.090	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.180%			
43) trans-1,3-Dichloroprop...	8.179	79	41813	51.234	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.460%			
47) 2-Hexanone-d5	8.632	63	85947	107.221	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.220%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130368	50.848	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.700%			
66) 1,2-Dichlorobenzene-d4	12.195	152	109011	54.574	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.140%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	913	0.657	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	801	0.607	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1544	0.737	ug/L #	73
37) 1,2-Dichloropropane	6.697	63	9346	6.194	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2506	1.092	ug/L #	70
42) Toluene	7.973	91	13833	2.238	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	1786	0.792	ug/L	92
52) Ethylbenzene	9.571	91	52841	7.943	ug/L	97
53) m,p-Xylene	9.694	106	65427	25.220	ug/L	96
54) o-xylene	10.102	106	19507	7.749	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.809	83	1660	0.640	ug/L #	52
61) Isopropylbenzene	10.484	105	12882	1.909	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	41190	7.323	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	137666	24.462	ug/L	99
71) Naphthalene	14.086	128	199786	27.699	ug/L	100

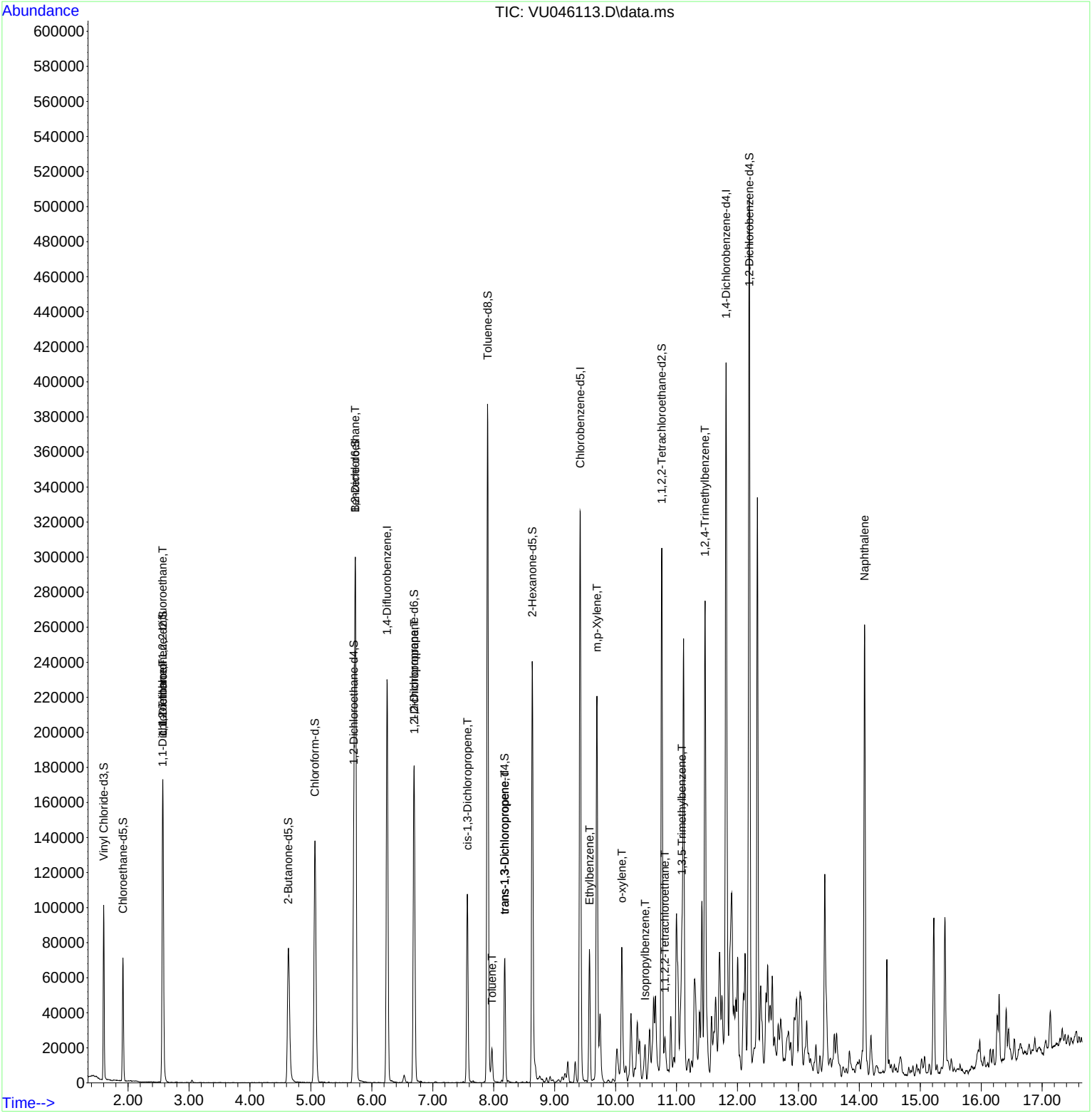
(#) = qualifier out of range (m) = manual integration (+) = signals summed

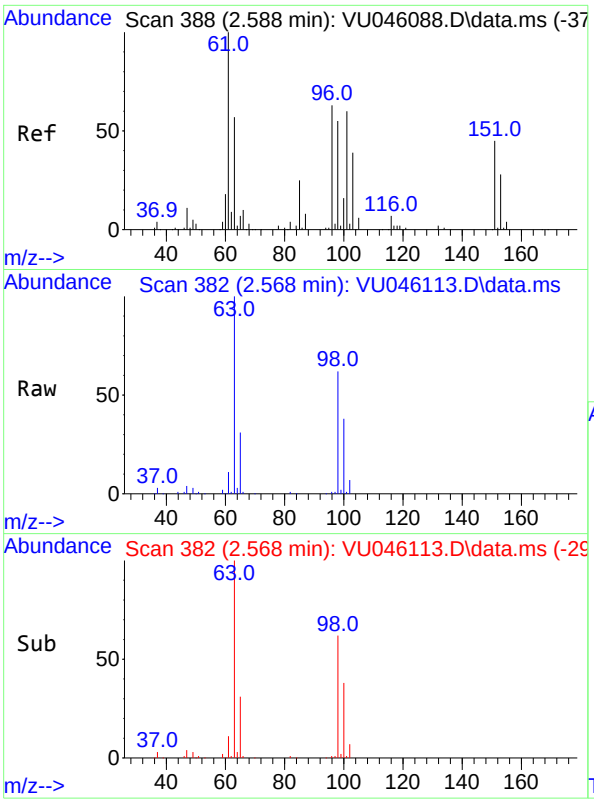
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046113.D
Acq On : 06 Dec 2021 15:42
Operator : SY/MD
Sample : M4942-03DL 100X
Misc : 3.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 07 01:10:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



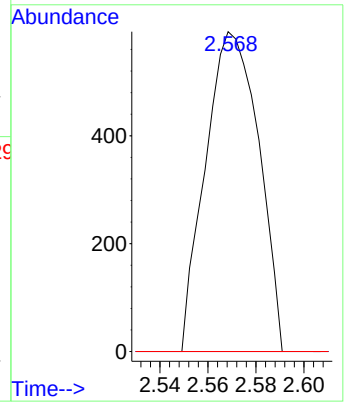


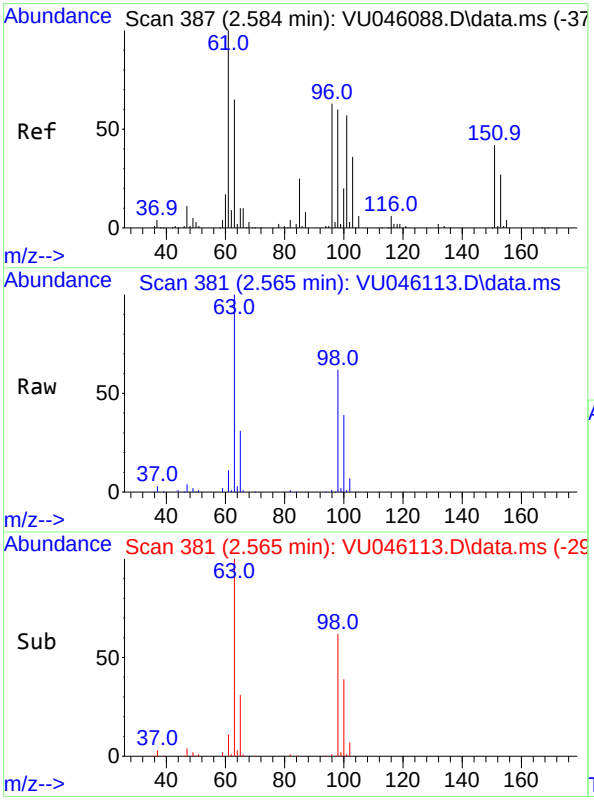
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 913

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#

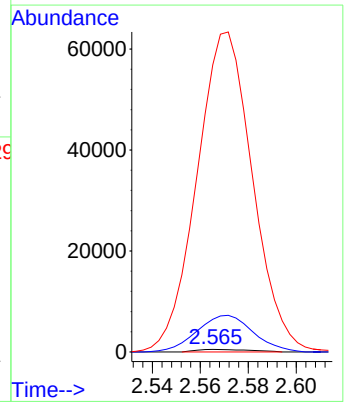


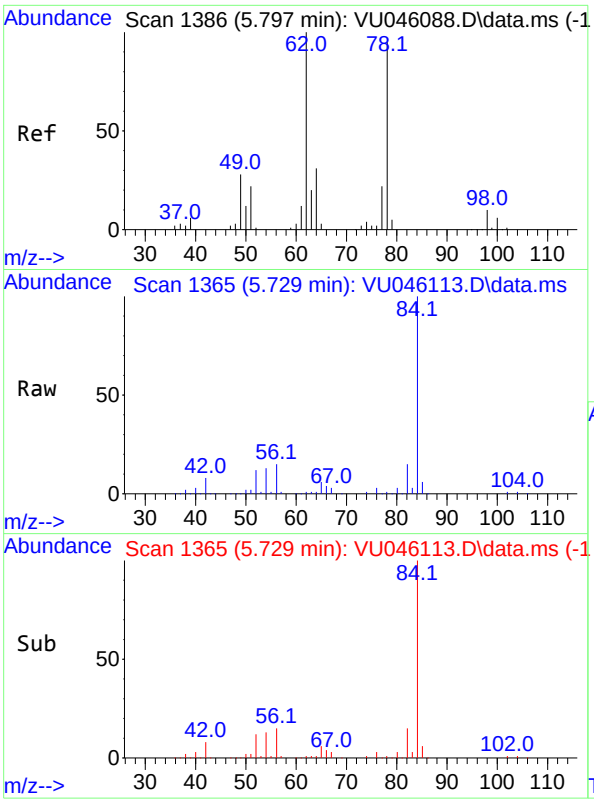


#12
1,1-Dichloroethene
Concen: 0.607 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 96 Resp: 801

Ion	Ratio	Lower	Upper
96	100		
61	1268.8	118.6	220.2#
63	11149.8	93.0	172.8#



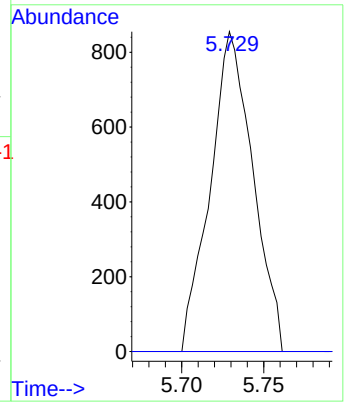


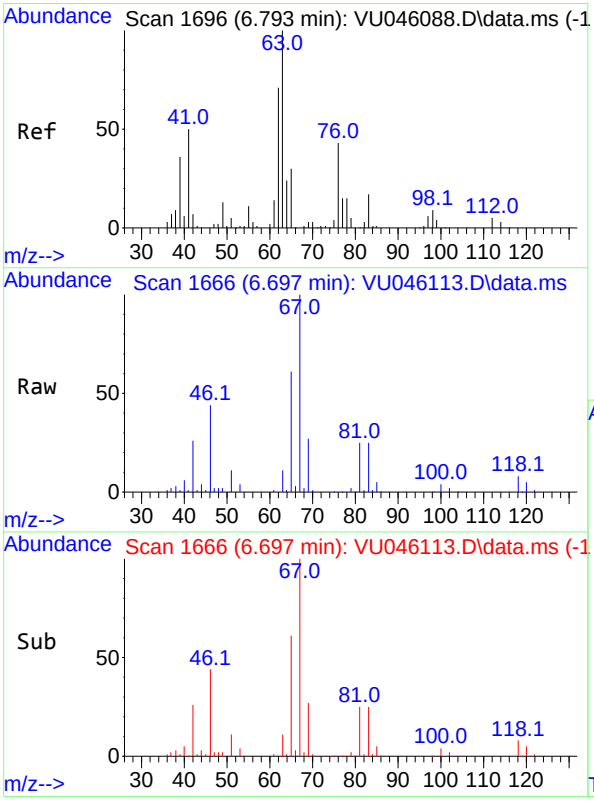
#27
1,2-Dichloroethane
Concen: 0.737 ug/L
RT: 5.729 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1544

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

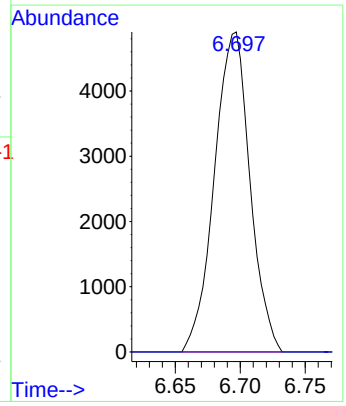


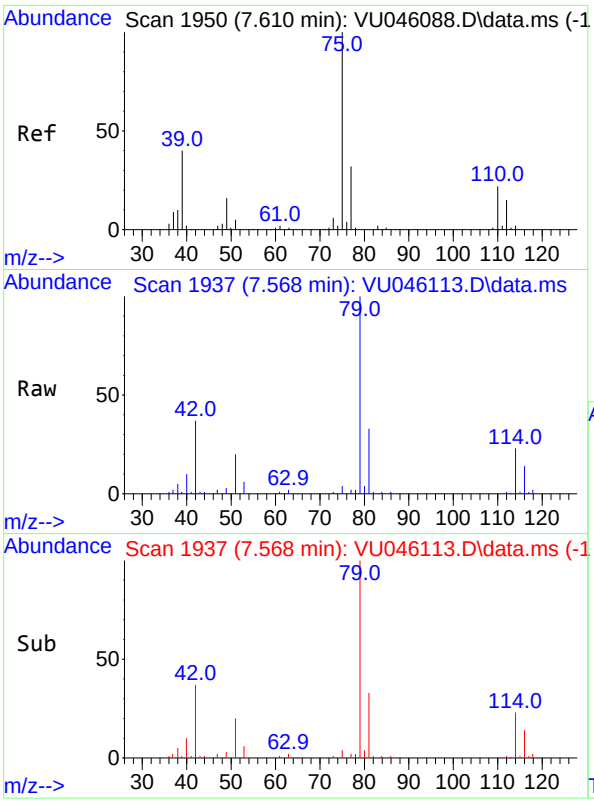


#37
1,2-Dichloropropane
Concen: 6.194 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 63 Resp: 9346

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



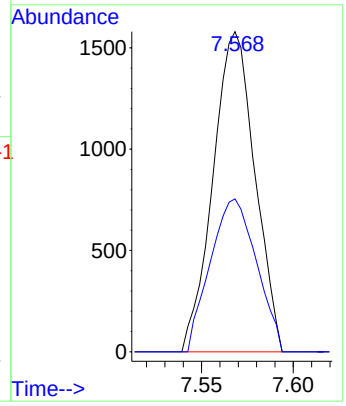


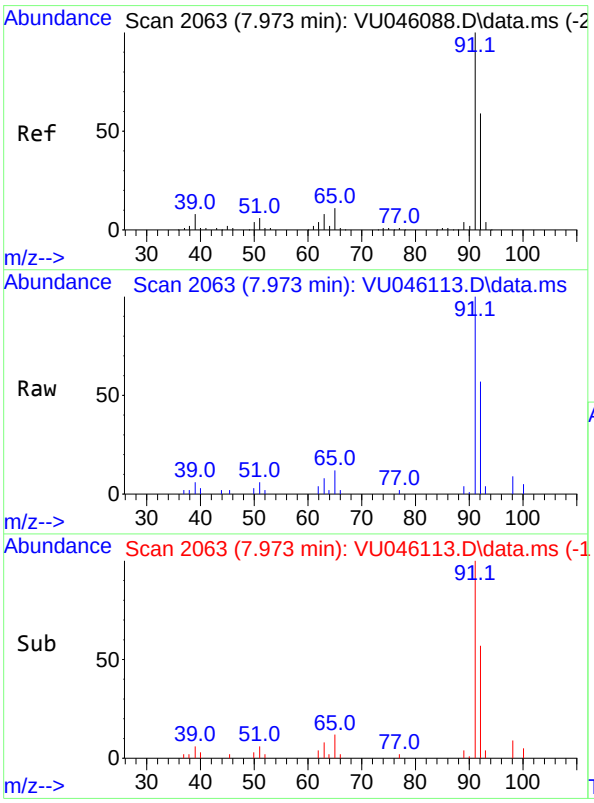
#39
cis-1,3-Dichloropropene
Concen: 1.092 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2506

Ion	Ratio	Lower	Upper
75	100		
77	47.8	21.8	40.6#

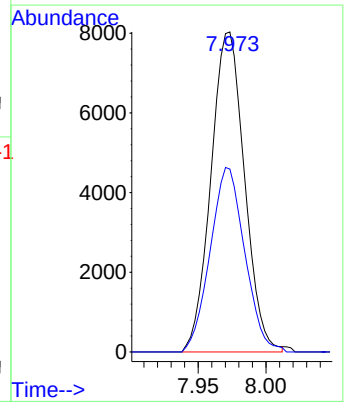


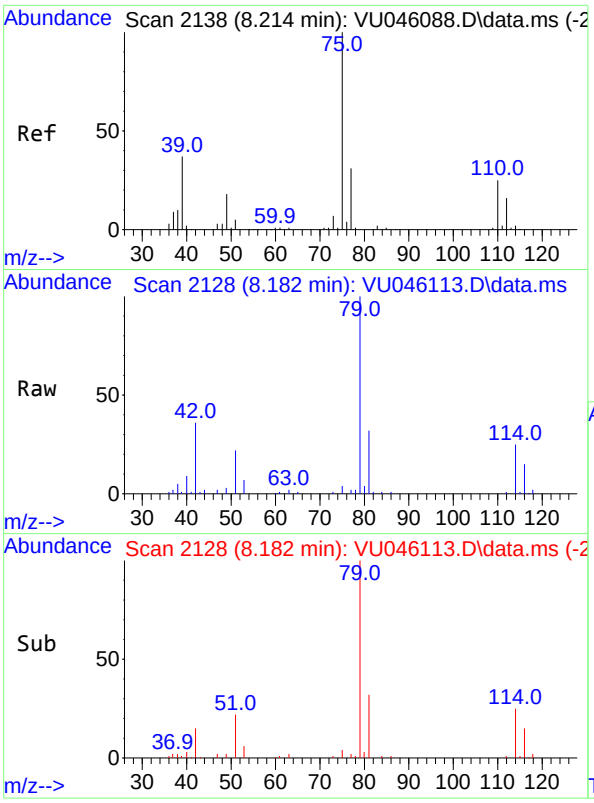


#42
Toluene
Concen: 2.238 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 91 Resp: 13833

Ion	Ratio	Lower	Upper
91	100		
92	57.1	41.9	77.7



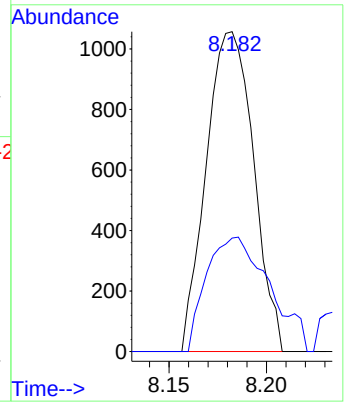


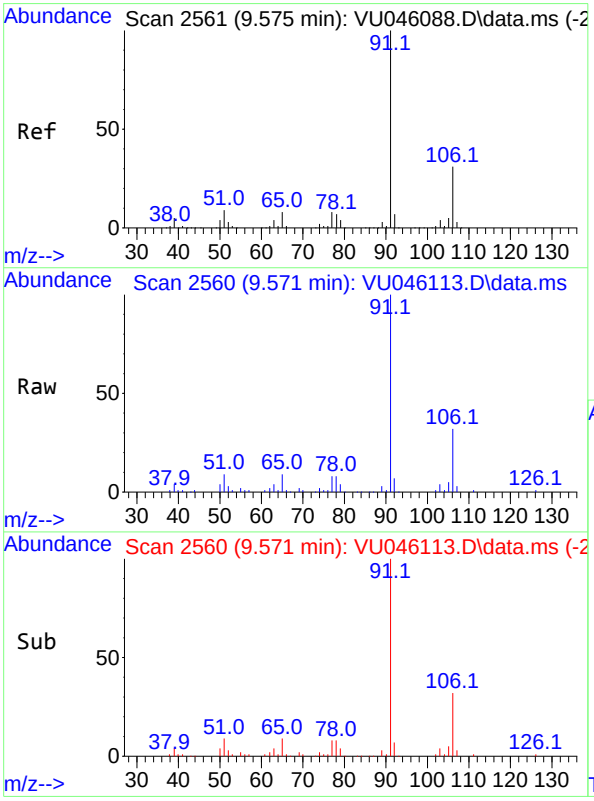
#44
trans-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 8.182 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1786

Ion	Ratio	Lower	Upper
75	100		
77	35.5	21.7	40.3

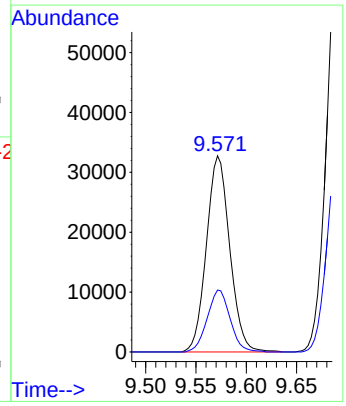


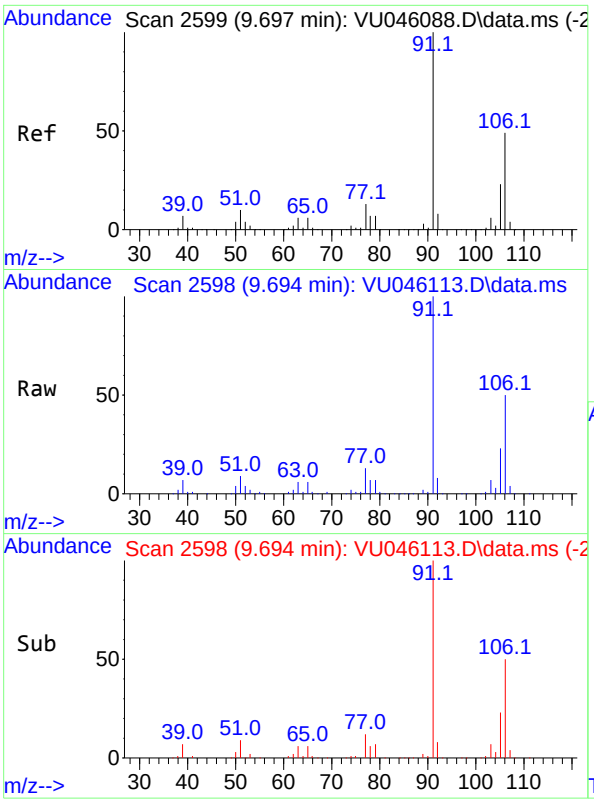


#52
Ethylbenzene
Concen: 7.943 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 91 Resp: 52841

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.1	39.3



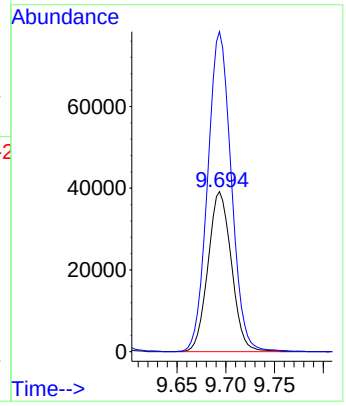


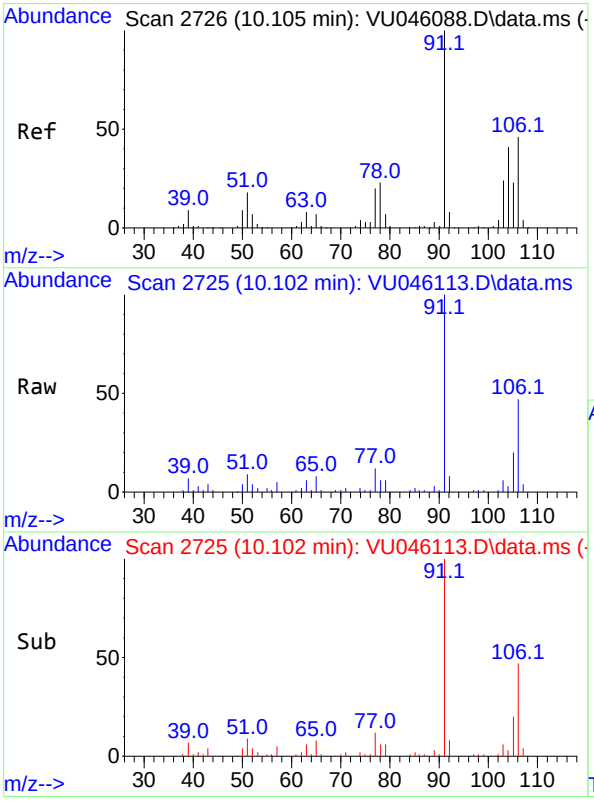
#53
m,p-Xylene
Concen: 25.220 ug/L
RT: 9.694 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 65427

Ion	Ratio	Lower	Upper
106	100		
91	200.0	144.3	268.1

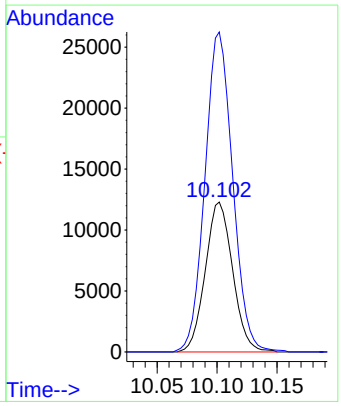


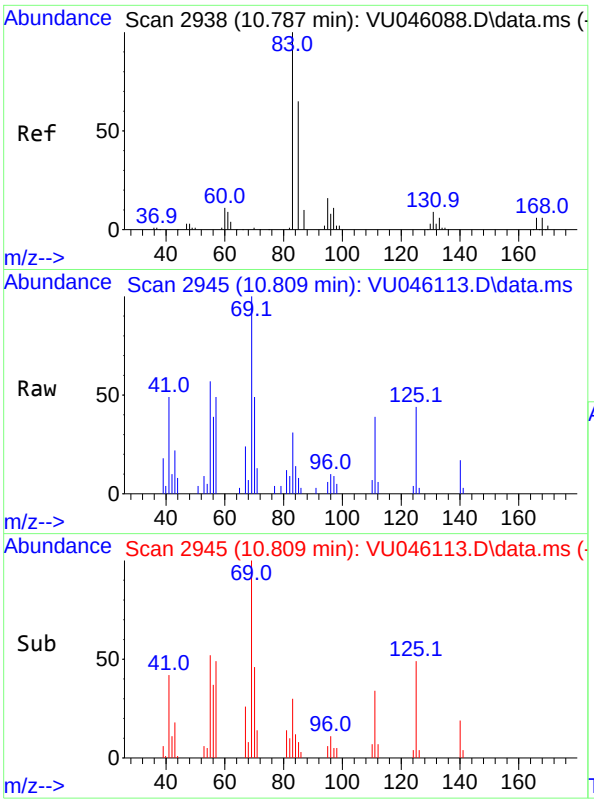


#54
o-xylene
Concen: 7.749 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion:106 Resp: 19507

Ion	Ratio	Lower	Upper
106	100		
91	213.4	154.2	286.4



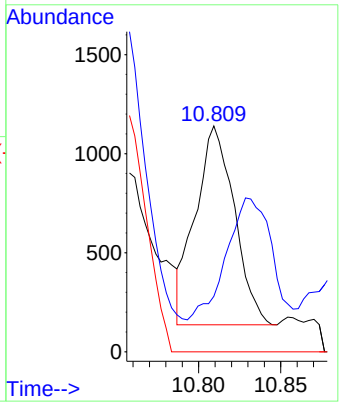


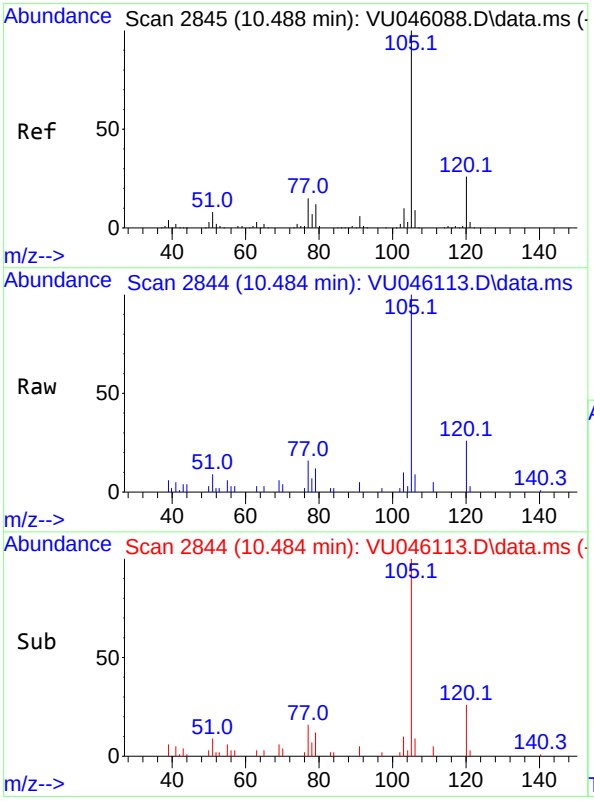
#57
1,1,2,2-Tetrachloroethane
Concen: 0.640 ug/L
RT: 10.809 min Scan# 2
Delta R.T. 0.023 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1660

Ion	Ratio	Lower	Upper
83	100		
85	24.6	45.6	84.6#
131	0.0	7.8	11.6#

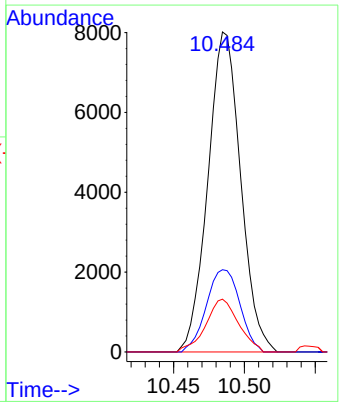


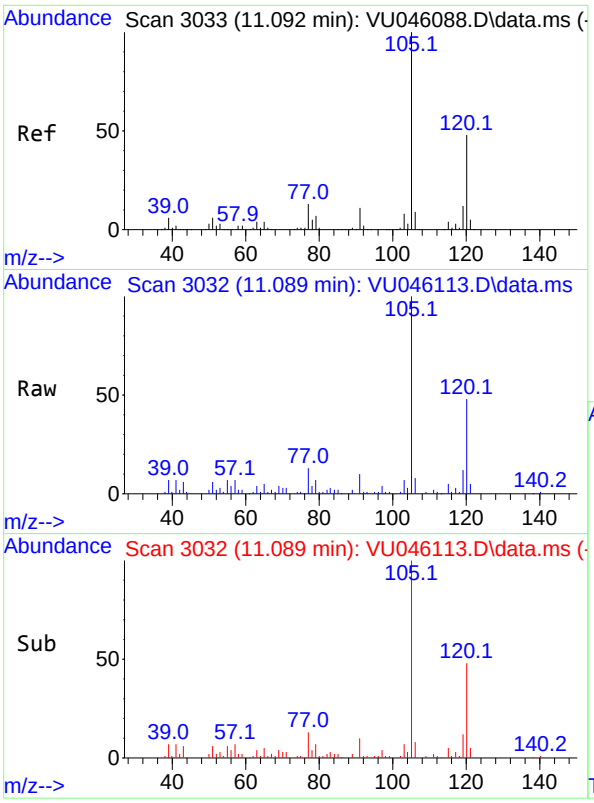


#61
Isopropylbenzene
Concen: 1.909 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion:105 Resp: 12882

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.7	31.1
77	16.5	12.2	18.4



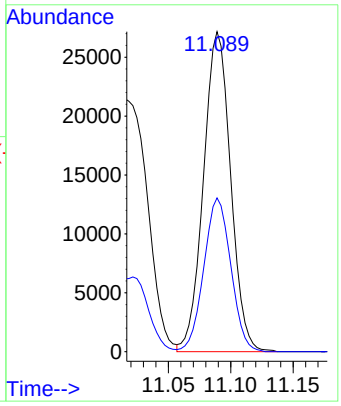


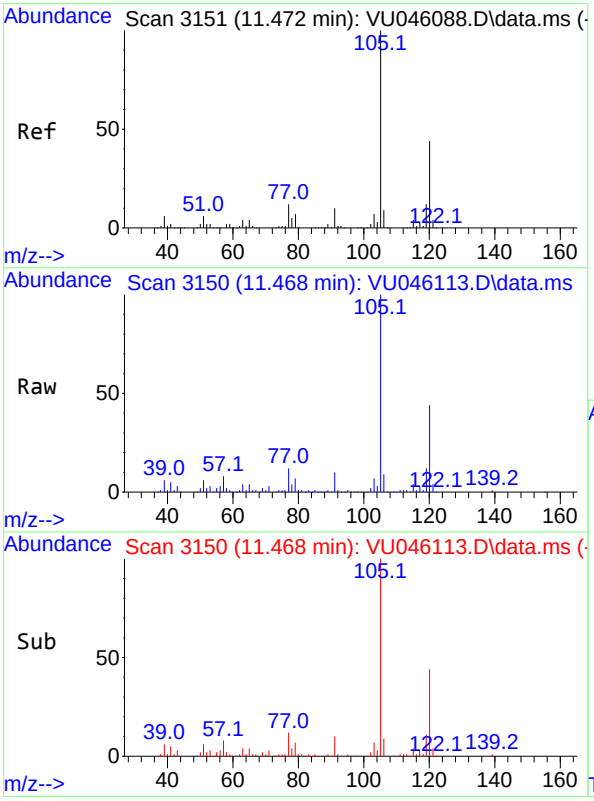
#62
1,3,5-Trimethylbenzene
Concen: 7.323 ug/L
RT: 11.089 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 41190

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.8	56.6

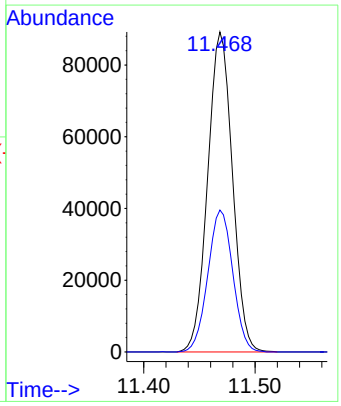


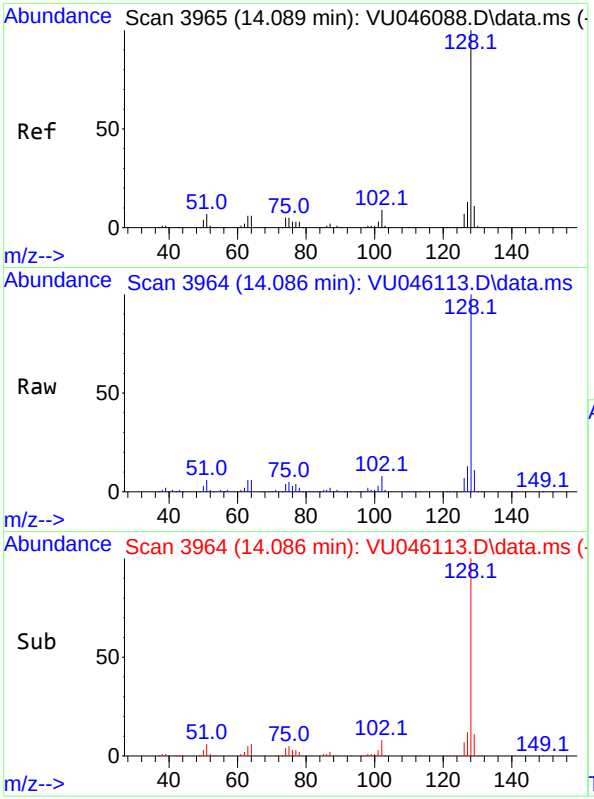


#63
1,2,4-Trimethylbenzene
Concen: 24.462 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Tgt Ion:105 Resp: 137666

Ion	Ratio	Lower	Upper
105	100		
120	44.7	35.2	52.8





#71
Naphthalene
Concen: 27.699 ug/L
RT: 14.086 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046113.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 199786

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.6	13.0