Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051579.D
Acq On : 28 Oct 2022 20:01
Operator : JC/MD
Sample : N5300-12DL2 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Quant Time: Oct 28 22:54:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 22:38:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72871	4.561	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.200%			
7) Chloroethane-d5	1.913	69	81508	4.892	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	2.565	65	26936	4.646	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.000%			
20) 2-Butanone-d5	4.629	46	298268	51.552	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.100%			
24) Chloroform-d	5.060	84	181238	4.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.700	65	99226	4.913	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	5.726	84	330115	4.773	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.690	67	119729	4.950	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.896	98	227672	4.186	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
43) trans-1,3-Dichloroprop...	8.179	79	33416	4.519	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.633	63	222772	50.041	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.080%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	107823	4.865	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	93017	5.094	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	22784	0.754	ug/L	97
19) 1,1-Dichloroethane	3.871	63	9653	0.264	ug/L #	96
22) cis-1,2-Dichloroethene	4.665	96	45841	2.093	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	2073	0.070	ug/L #	90
33) Benzene	5.771	78	182978	2.115	ug/L	100
42) Toluene	7.967	91	879250	9.898	ug/L	99
51) Chlorobenzene	9.449	112	5263	0.094	ug/L	94
52) Ethylbenzene	9.568	91	80952	0.944	ug/L	99
53) m,p-Xylene	9.690	106	70651	2.122	ug/L	99
54) o-Xylene	10.099	106	24341	0.748	ug/L	97
60) Isopropylbenzene	10.485	105	5595	0.077	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.086	105	16206	0.829	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	55344	0.982	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	3961	0.112	ug/L	93

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

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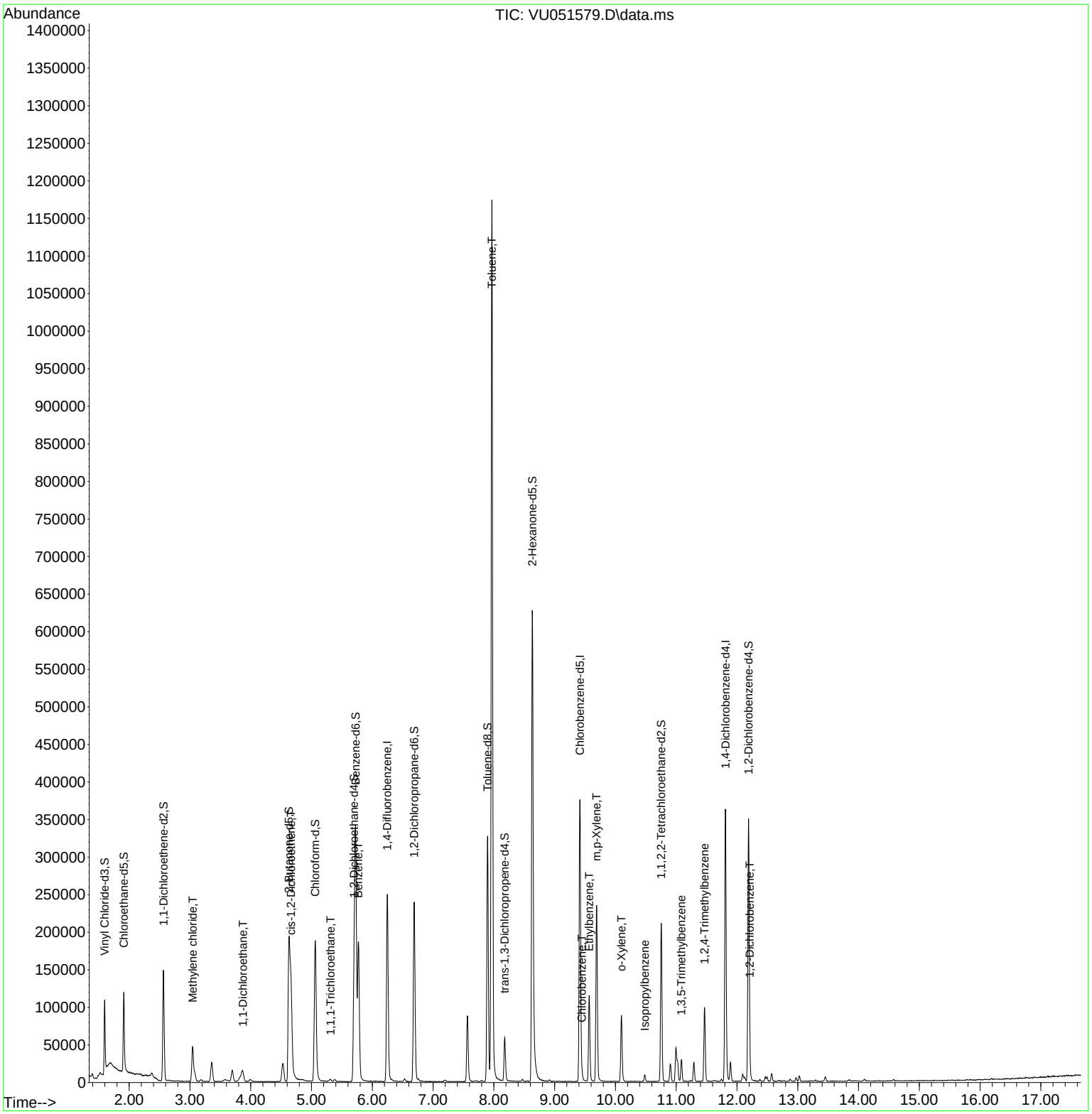
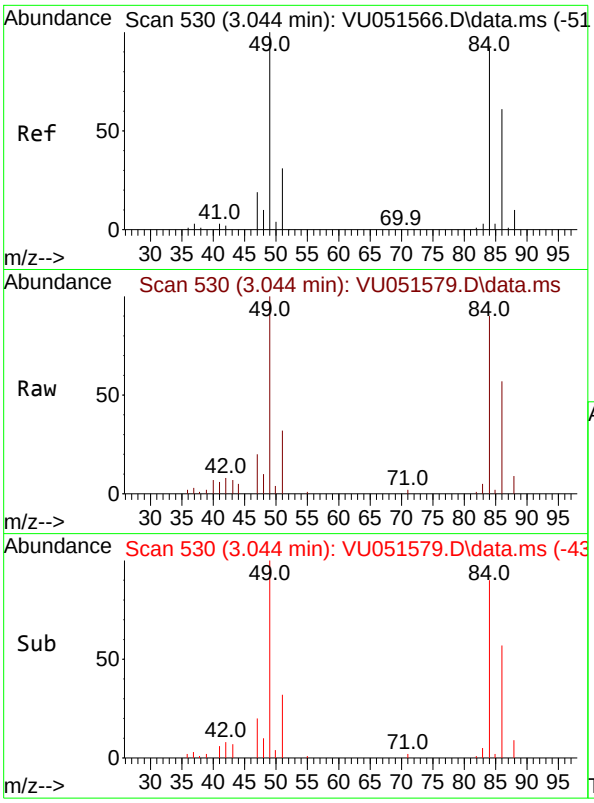
Quant Time: Oct 28 22:54:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 22:38:21 2022
Response via : Initial Calibration



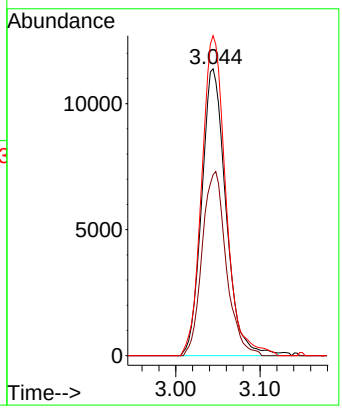


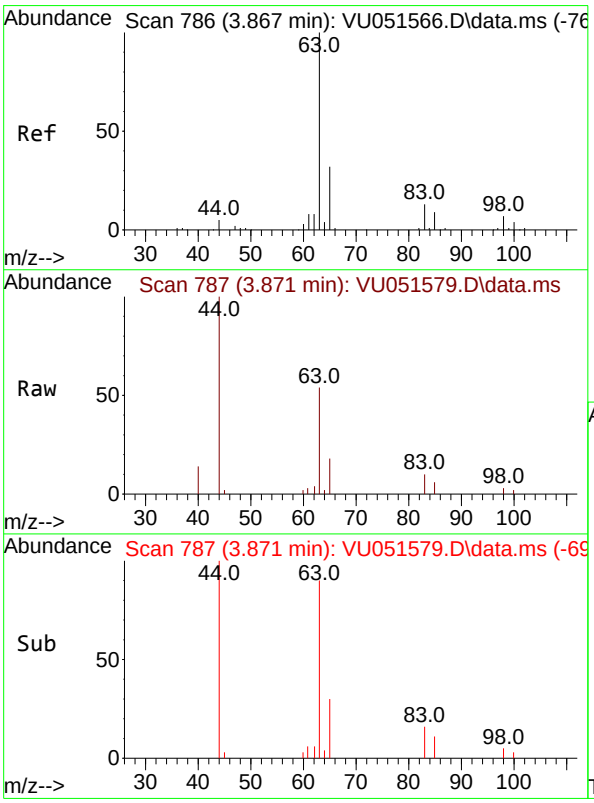
#16
Methylene chloride
Concen: 0.754 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion: 84 Resp: 22784

Ion	Ratio	Lower	Upper
84	100		
86	63.0	46.3	85.9
49	111.5	76.0	141.2

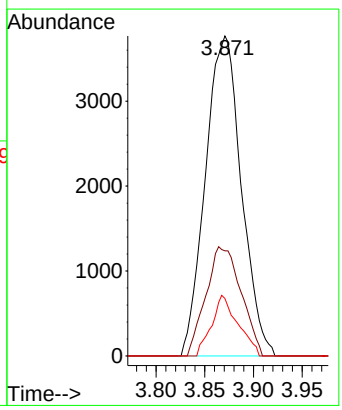


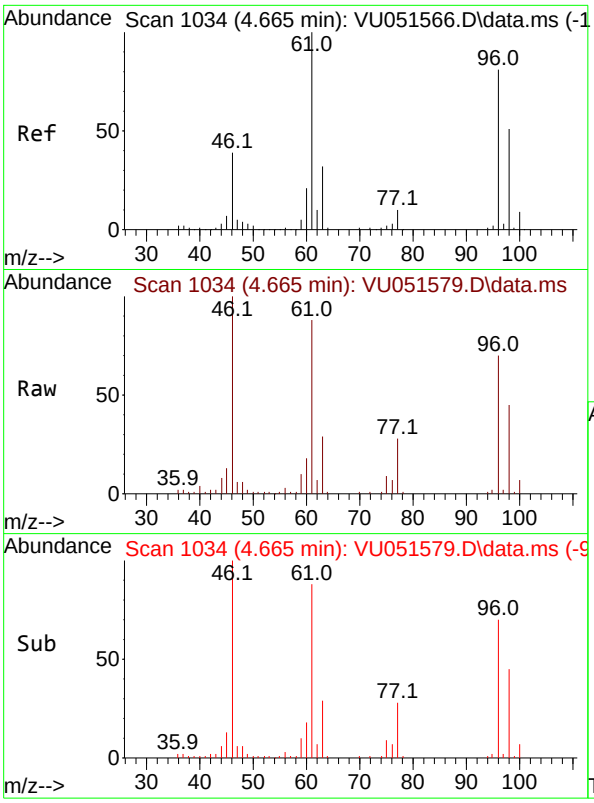


#19
1,1-Dichloroethane
Concen: 0.264 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion: 63 Resp: 9653

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.7	42.1
83	18.0	9.2	17.0#



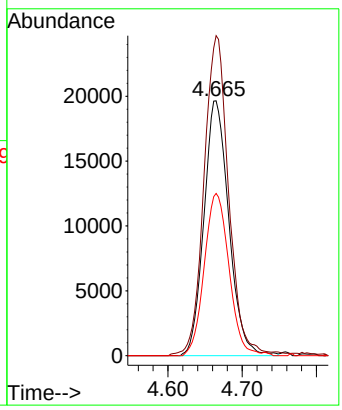


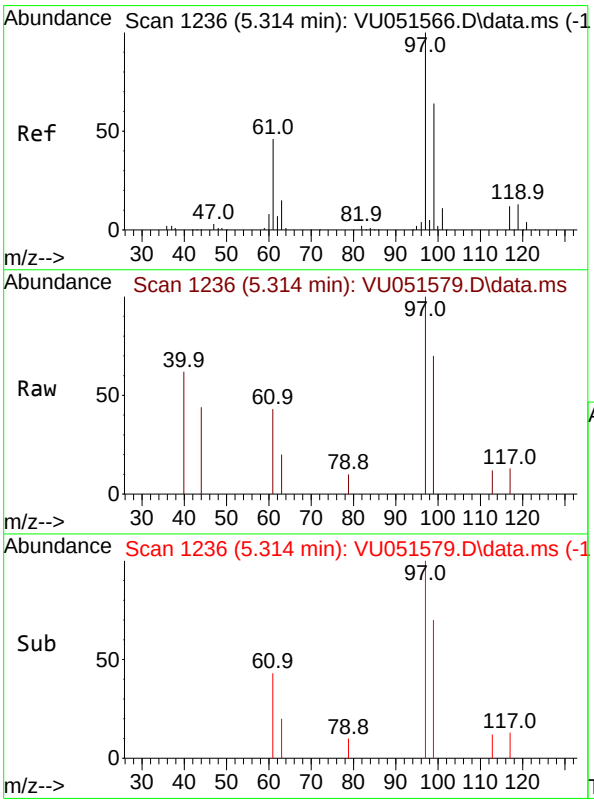
#22
cis-1,2-Dichloroethene
Concen: 2.093 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion: 96 Resp: 45841

Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.4	160.4
98	63.7	44.2	82.2

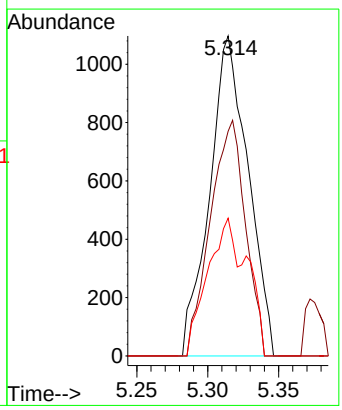


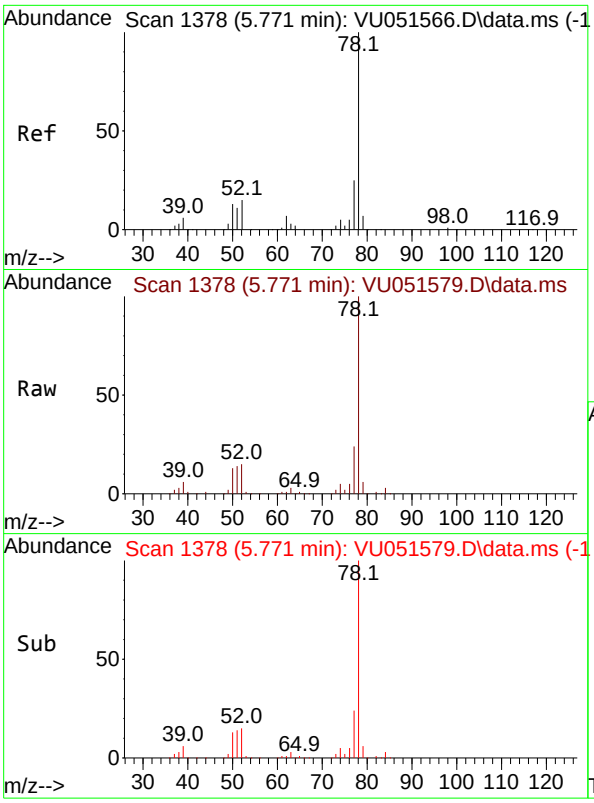


#29
1,1,1-Trichloroethane
Concen: 0.070 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion: 97 Resp: 2073

Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.1	76.7
61	34.2	37.4	56.0#

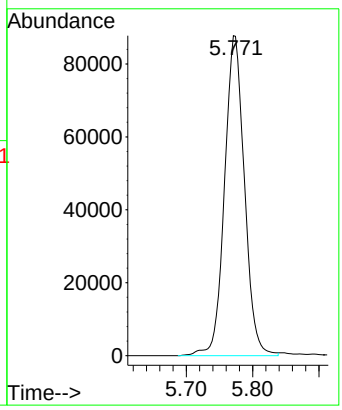


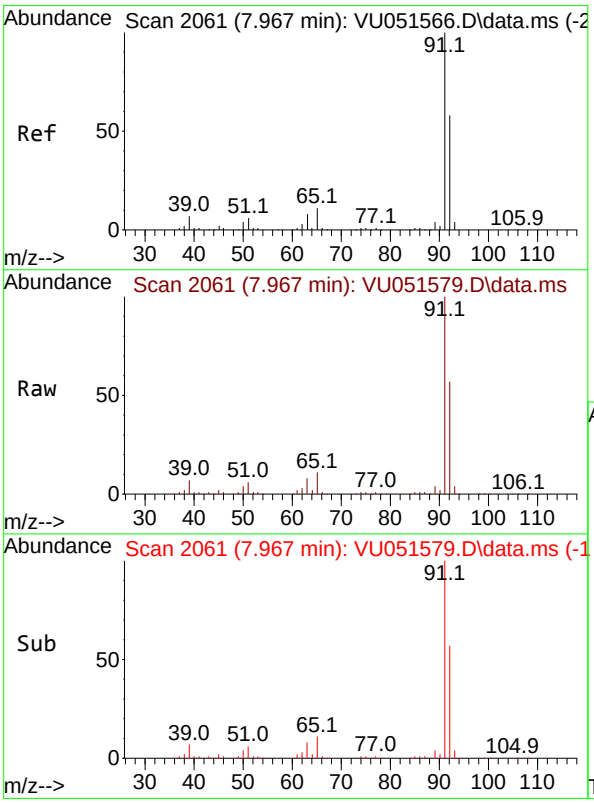


#33
Benzene
Concen: 2.115 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion: 78 Resp: 182978

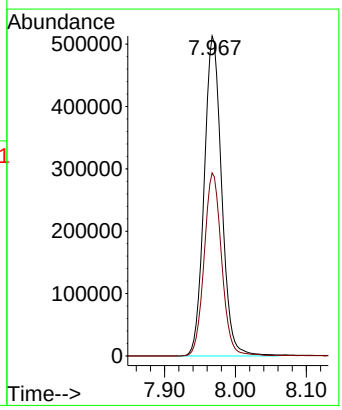


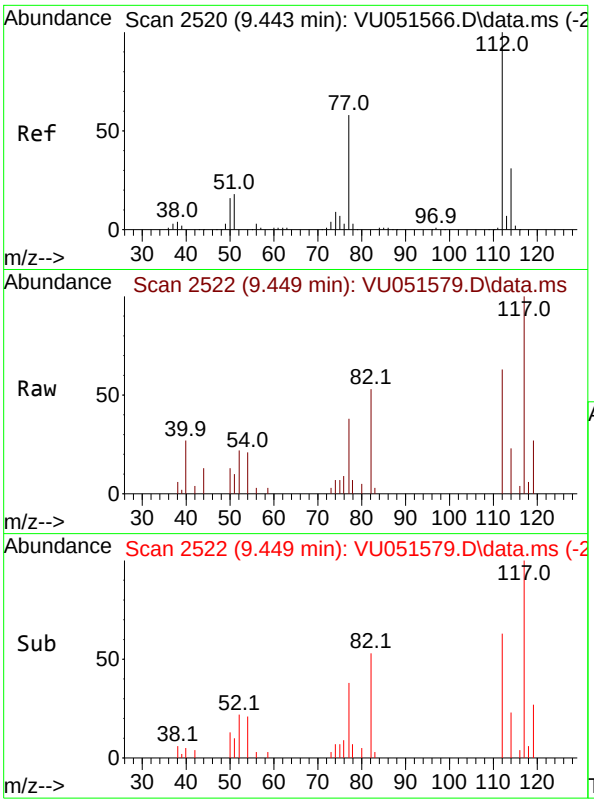


#42
Toluene
Concen: 9.898 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion: 91 Resp: 879250

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.5	75.3



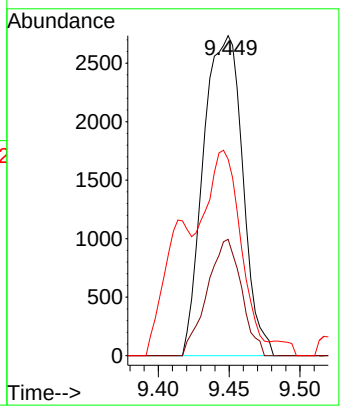


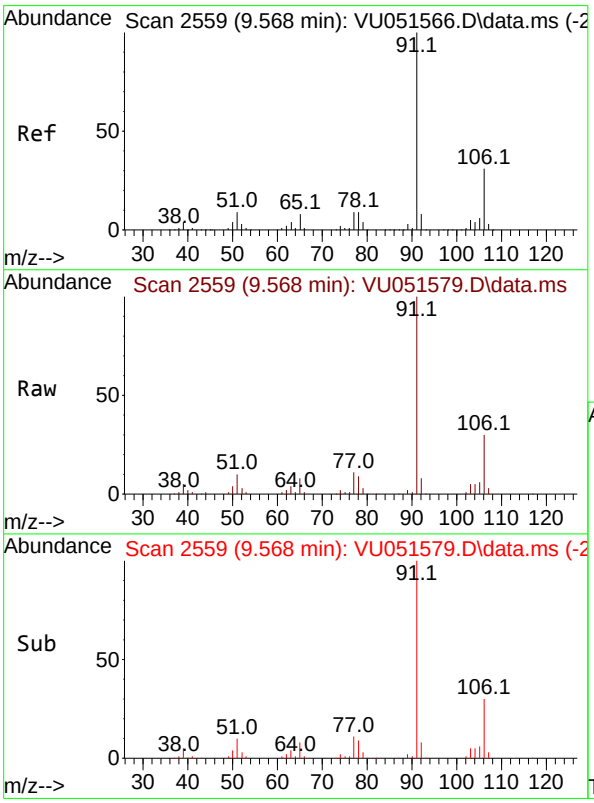
#51
Chlorobenzene
Concen: 0.094 ug/L
RT: 9.449 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion:112 Resp: 5263

Ion	Ratio	Lower	Upper
112	100		
114	36.3	22.0	40.8
77	61.4	46.7	70.1

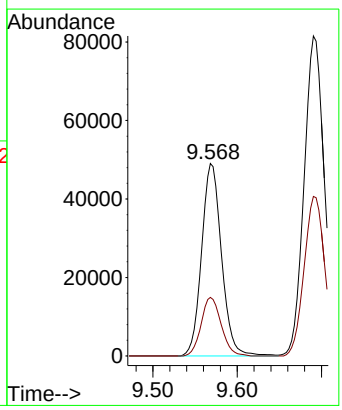


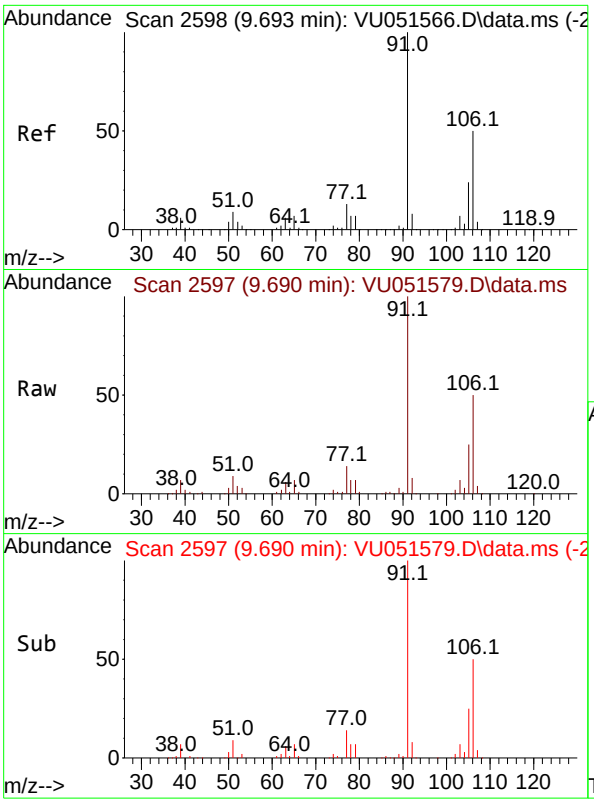


#52
Ethylbenzene
Concen: 0.944 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion: 91 Resp: 80952

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.8	40.6



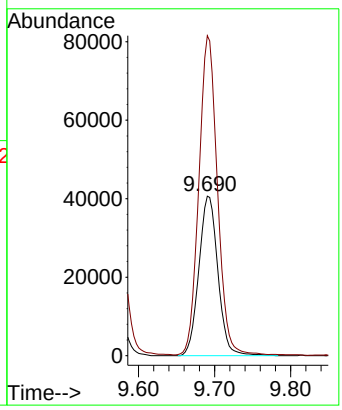


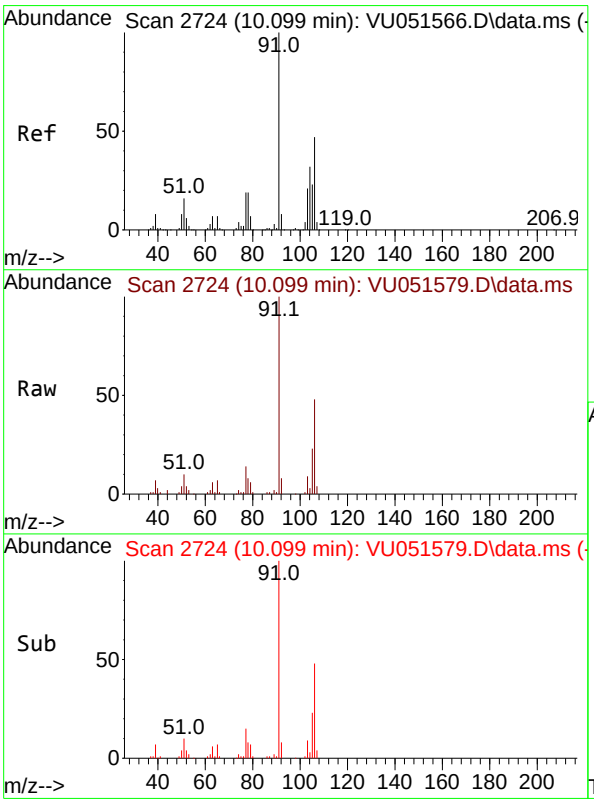
#53
m,p-Xylene
Concen: 2.122 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion:106 Resp: 70651

Ion	Ratio	Lower	Upper
106	100		
91	200.6	139.4	259.0

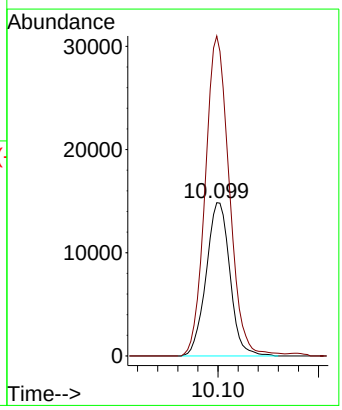


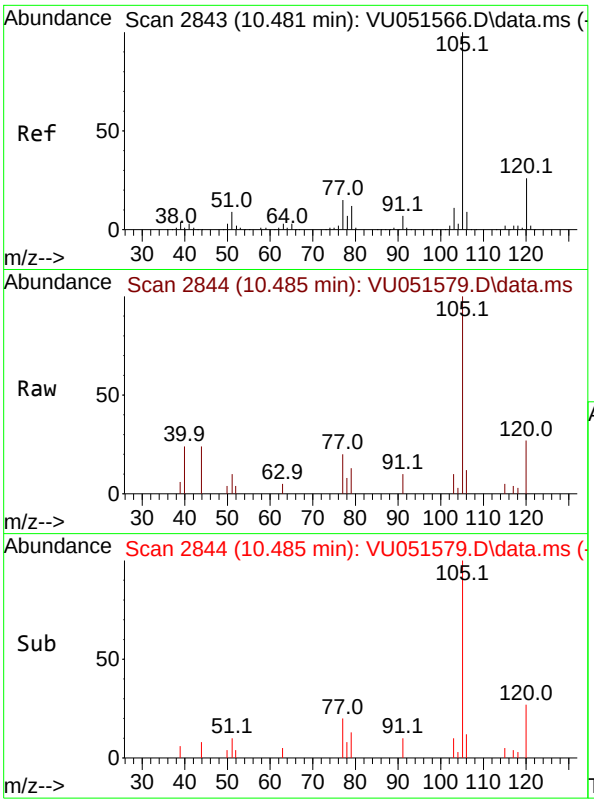


#54
o-Xylene
Concen: 0.748 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion:106 Resp: 24341

Ion	Ratio	Lower	Upper
106	100		
91	208.8	149.2	277.2



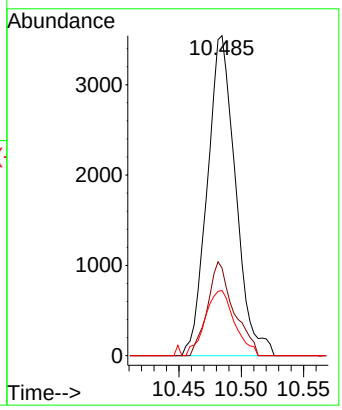


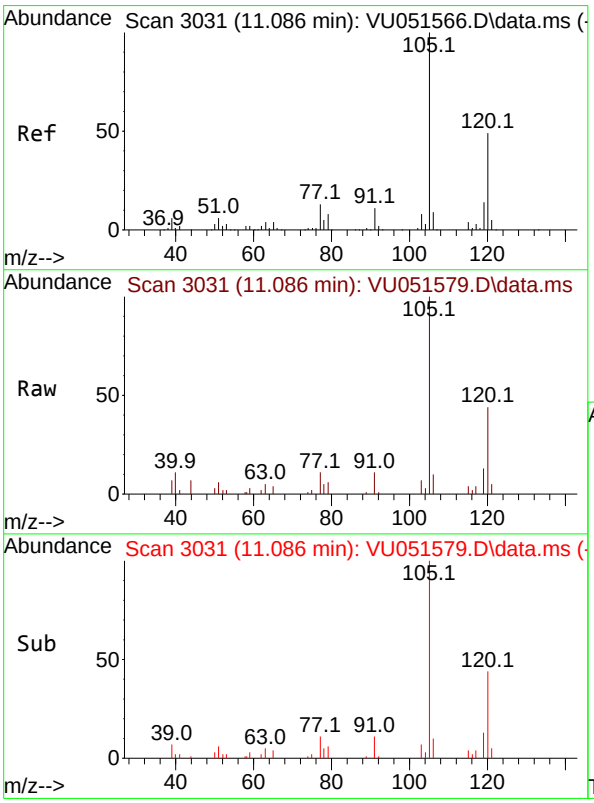
#60
Isopropylbenzene
Concen: 0.077 ug/L
RT: 10.485 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion:105 Resp: 5595

Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.9	31.3
77	21.2	12.3	18.5#

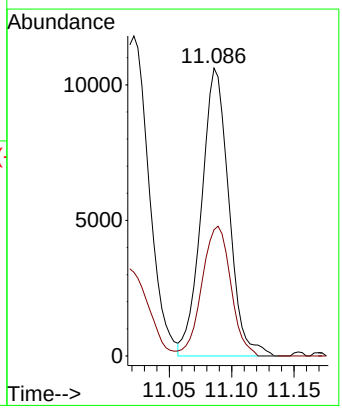


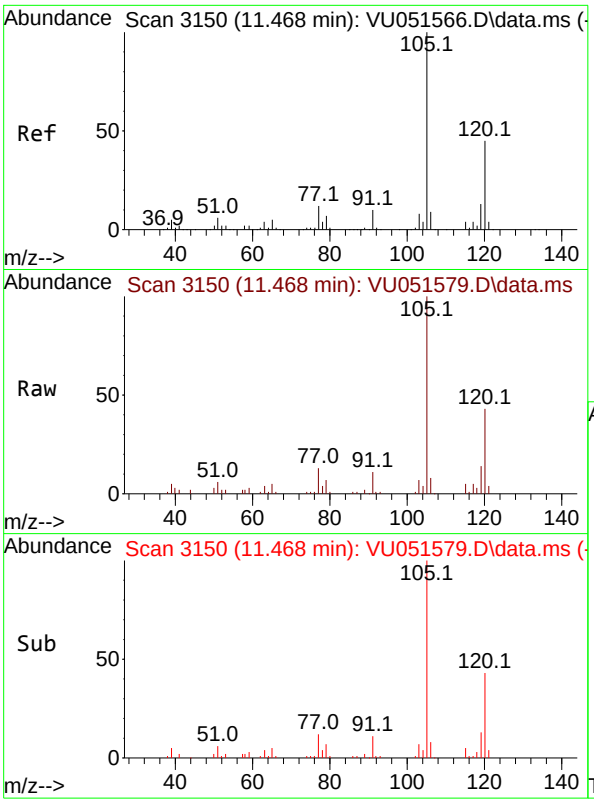


#62
1,3,5-Trimethylbenzene
Concen: 0.829 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion:105 Resp: 16206

Ion	Ratio	Lower	Upper
105	100		
120	47.6	38.6	57.8



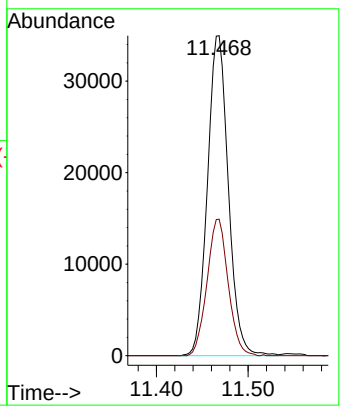


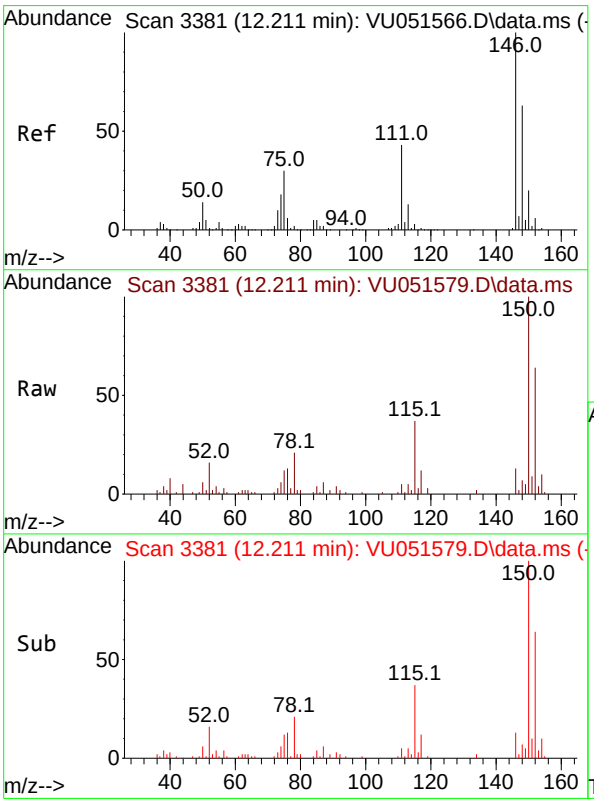
#63
1,2,4-Trimethylbenzene
Concen: 0.982 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL2

Tgt Ion:105 Resp: 55344

Ion	Ratio	Lower	Upper
105	100		
120	43.1	35.8	53.6





#67
1,2-Dichlorobenzene
Concen: 0.112 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051579.D
Acq: 28 Oct 2022 20:01

Tgt Ion:146 Resp: 3961

Ion	Ratio	Lower	Upper
146	100		
111	39.8	34.2	51.2
148	55.6	50.1	75.1