Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051343.D
Acq On : 10 Oct 2022 22:23
Operator : JC/MD
Sample : N5013-08DL2 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Quant Time: Oct 11 05:56:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 02:38:56 2022
Response via : Initial Calibration

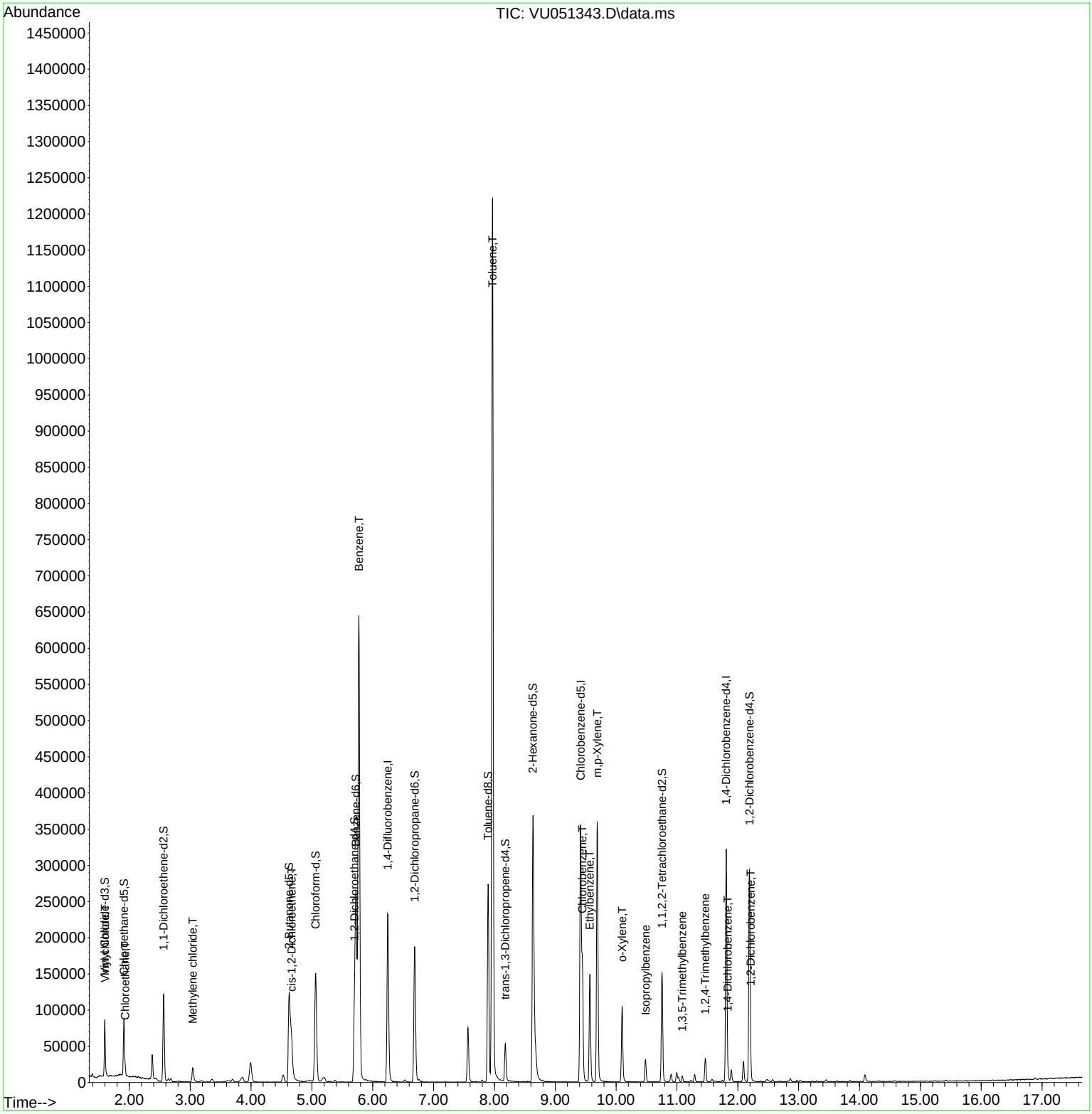
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	181631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53708	3.666	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.400%			
7) Chloroethane-d5	1.912	69	56517	4.490	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.565	65	22889	3.952	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.000%			
20) 2-Butanone-d5	4.626	46	181332	56.215	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.420%			
24) Chloroform-d	5.063	84	139429	5.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.700	65	76064	5.400	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	5.726	84	246051	4.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.690	67	91418	4.954	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.896	98	184151	3.788	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.800%			
43) trans-1,3-Dichloroprop...	8.179	79	29103	4.800	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.000%			
46) 2-Hexanone-d5	8.632	63	109820	53.742	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.480%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77009	5.224	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	75949	5.112	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	4951	0.243	ug/L #	80
8) Chloroethane	1.932	64	6406	0.492	ug/L	89
16) Methylene chloride	3.041	84	9328	0.477	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	22708	1.471	ug/L	96
33) Benzene	5.774	78	621847	9.430	ug/L	100
42) Toluene	7.970	91	894636	12.781	ug/L	100
51) Chlorobenzene	9.446	112	84889	2.030	ug/L	98
52) Ethylbenzene	9.568	91	96944	1.541	ug/L	95
53) m,p-Xylene	9.690	106	97635	4.002	ug/L	98
54) o-Xylene	10.099	106	26894	1.165	ug/L	94
60) Isopropylbenzene	10.484	105	18402	0.340	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	4508	0.314	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	16913	0.416	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	3580	0.136	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	4537	0.174	ug/L	99

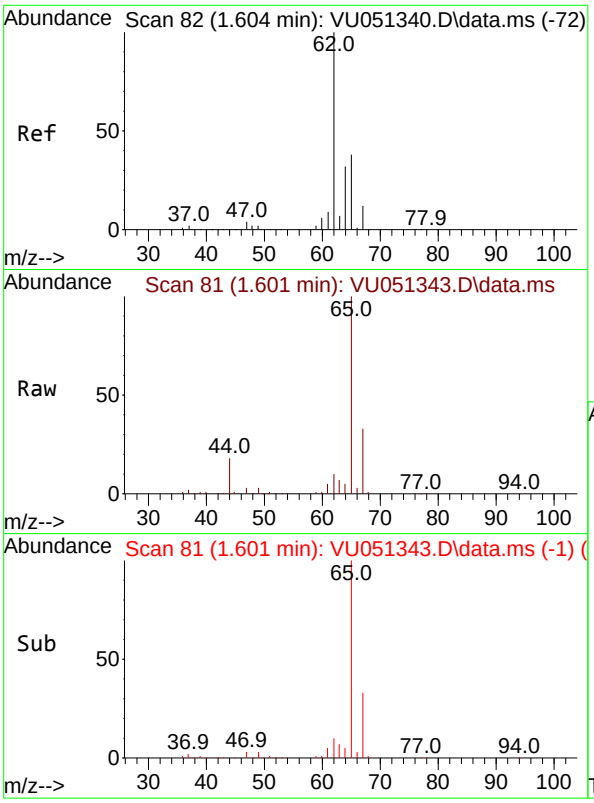
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051343.D
Acq On : 10 Oct 2022 22:23
Operator : JC/MD
Sample : N5013-08DL2 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Quant Time: Oct 11 05:56:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 02:38:56 2022
Response via : Initial Calibration



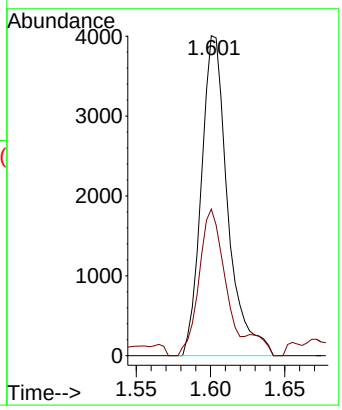


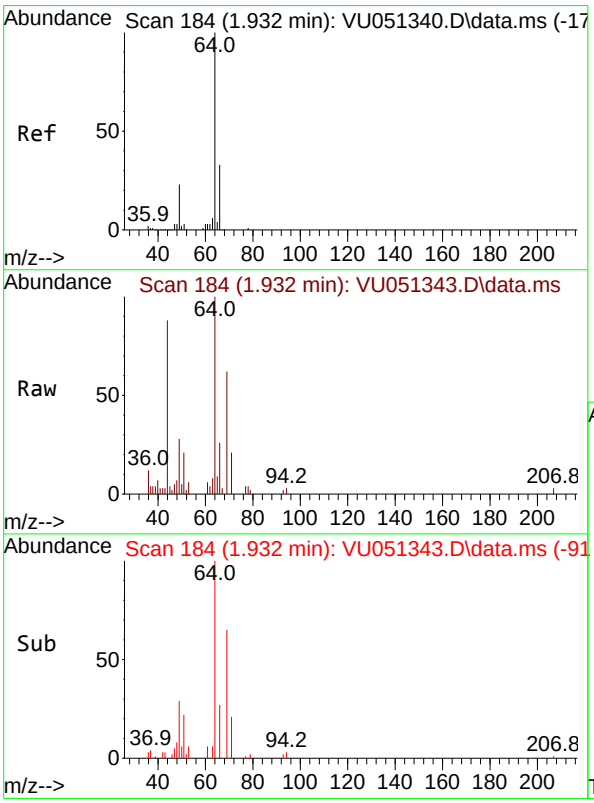
#5
Vinyl chloride
Concen: 0.243 ug/L
RT: 1.601 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion: 62 Resp: 4951

Ion	Ratio	Lower	Upper
62	100		
64	45.8	24.0	44.6#

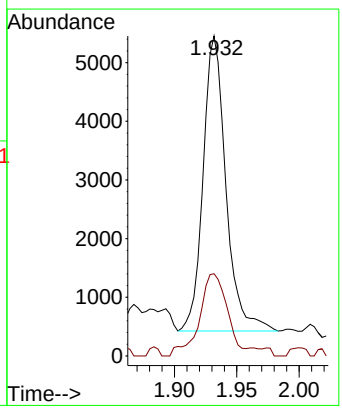


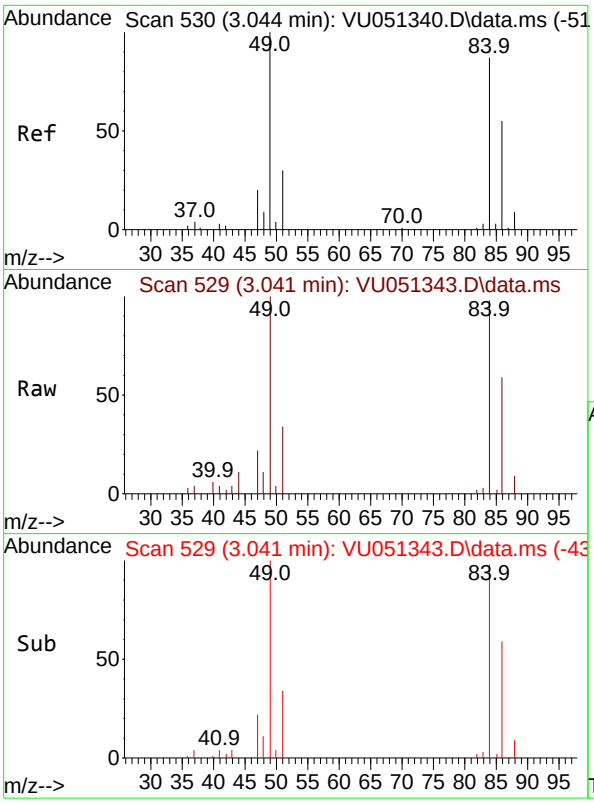


#8
Chloroethane
Concen: 0.492 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion: 64 Resp: 6406

Ion	Ratio	Lower	Upper
64	100		
66	25.7	22.3	41.3



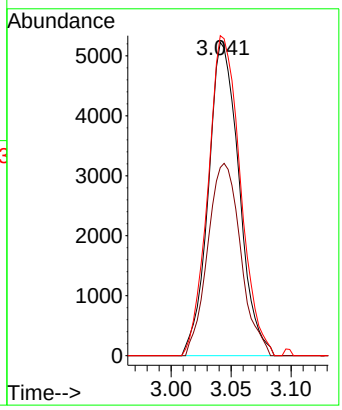


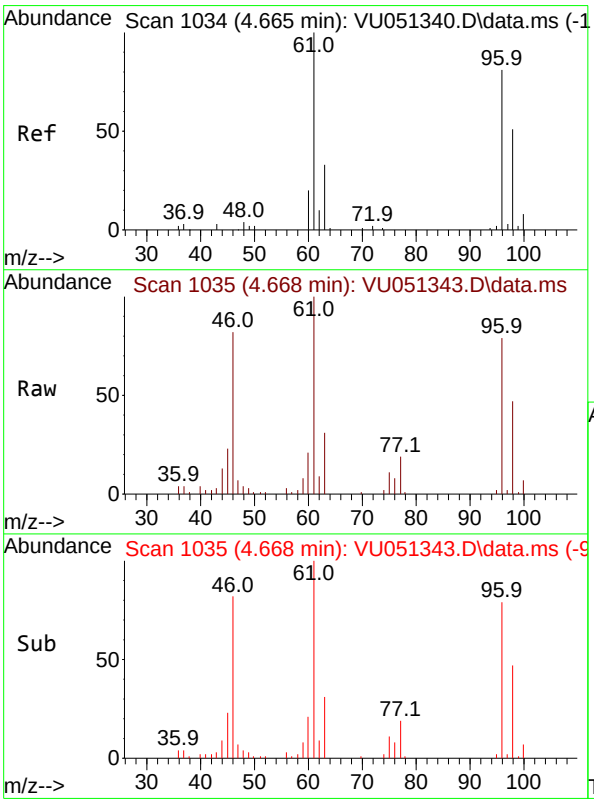
#16
Methylene chloride
Concen: 0.477 ug/L
RT: 3.041 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion: 84 Resp: 9328

Ion	Ratio	Lower	Upper
84	100		
86	60.1	46.5	86.3
49	102.1	81.3	151.1

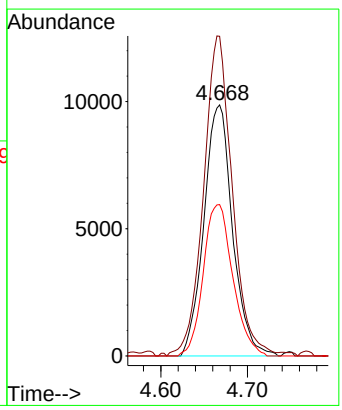


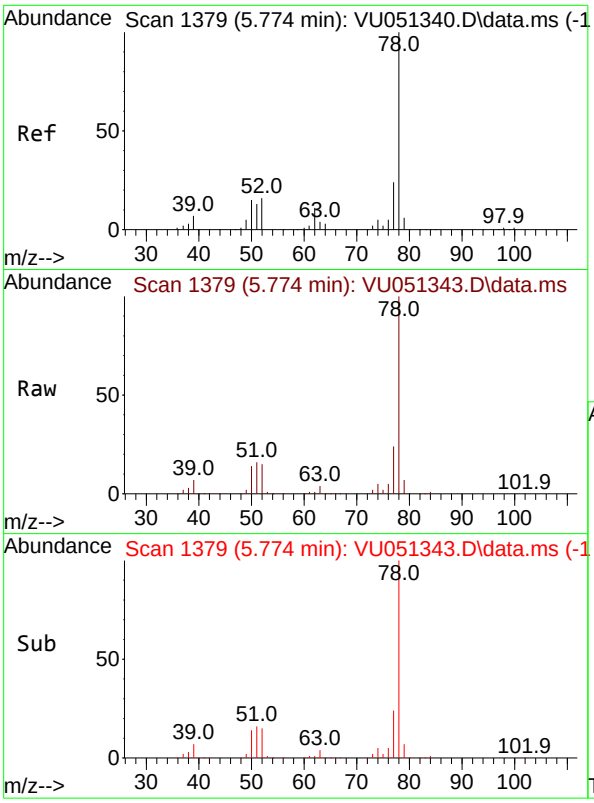


#22
cis-1,2-Dichloroethene
Concen: 1.471 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion: 96 Resp: 22708

Ion	Ratio	Lower	Upper
96	100		
61	127.3	90.6	168.2
98	60.3	47.5	88.3

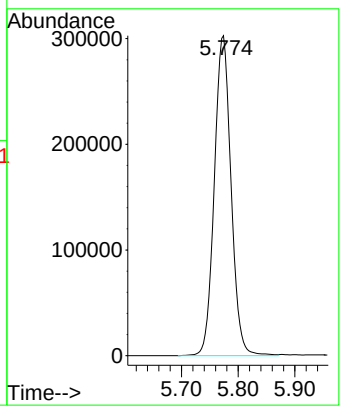


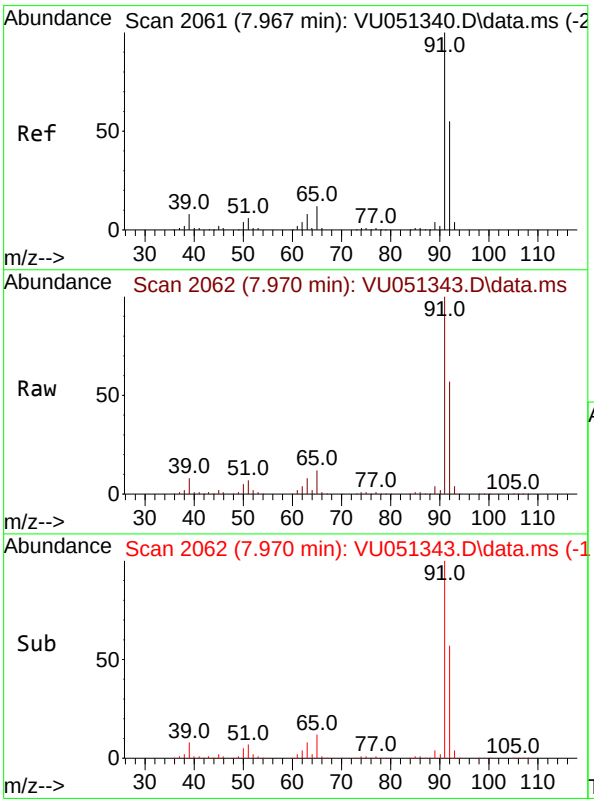


#33
Benzene
Concen: 9.430 ug/L
RT: 5.774 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion: 78 Resp: 621847

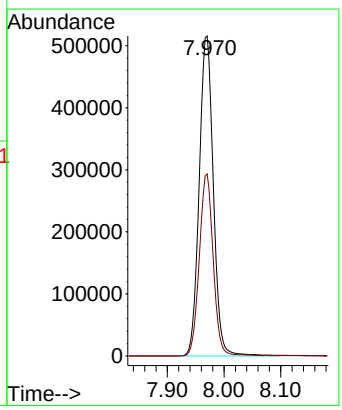


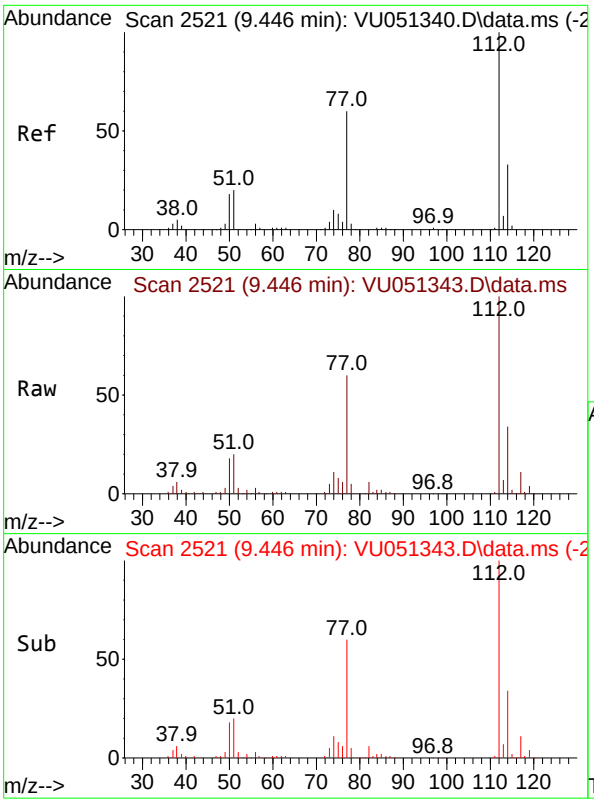


#42
Toluene
Concen: 12.781 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion: 91 Resp: 894636

Ion	Ratio	Lower	Upper
91	100		
92	56.9	39.9	74.1



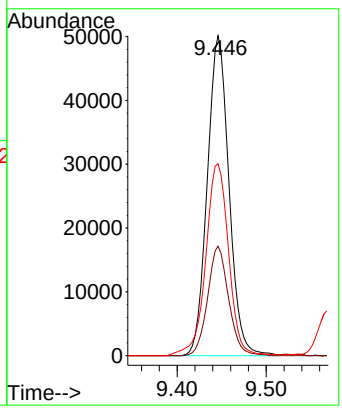


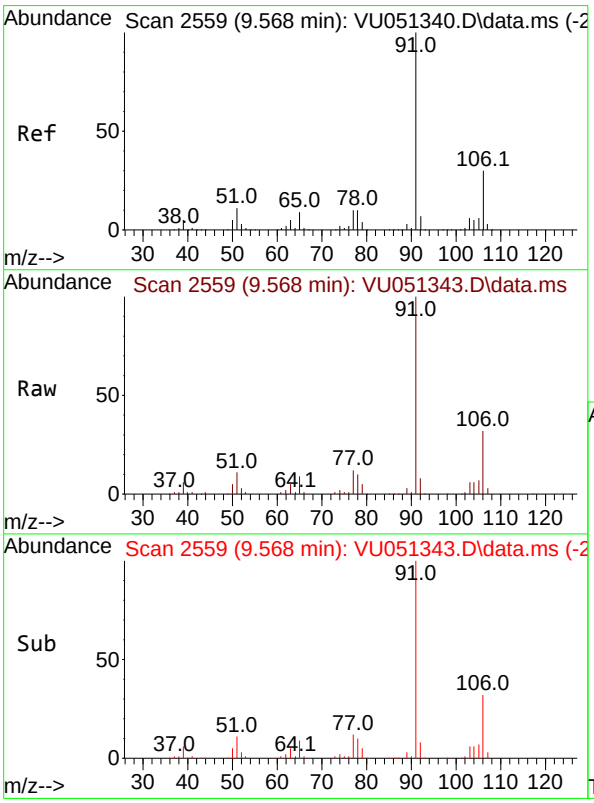
#51
Chlorobenzene
Concen: 2.030 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion:112 Resp: 84889

Ion	Ratio	Lower	Upper
112	100		
114	34.2	22.3	41.5
77	60.0	48.1	72.1

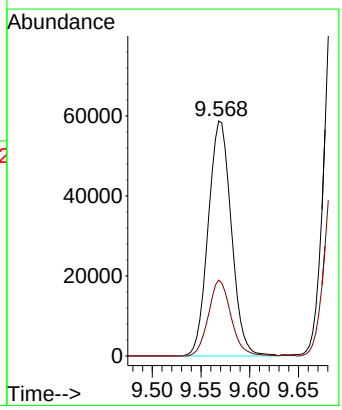


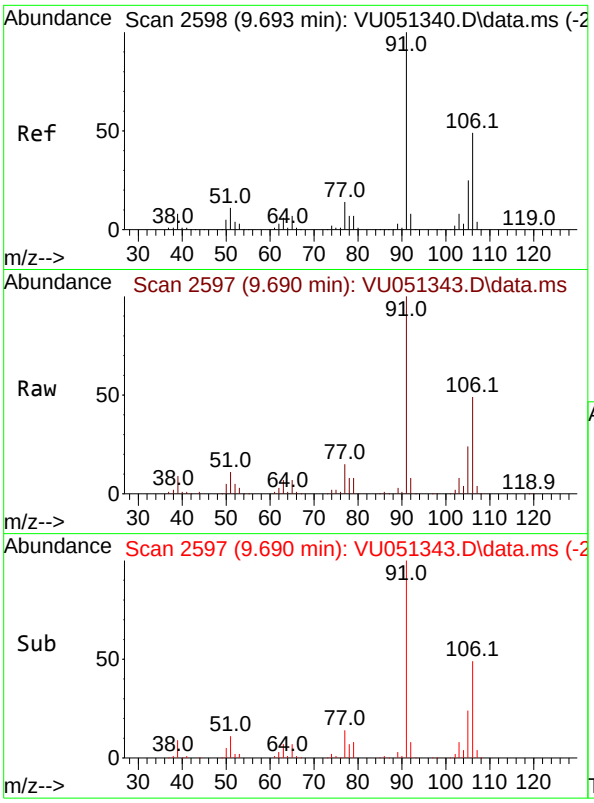


#52
Ethylbenzene
Concen: 1.541 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion: 91 Resp: 96944

Ion	Ratio	Lower	Upper
91	100		
106	32.2	20.9	38.7



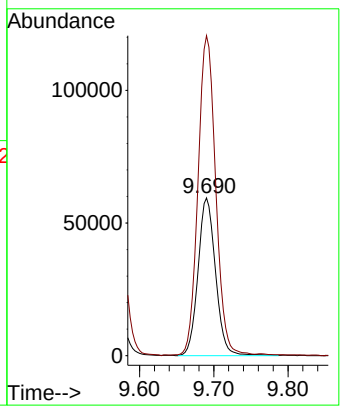


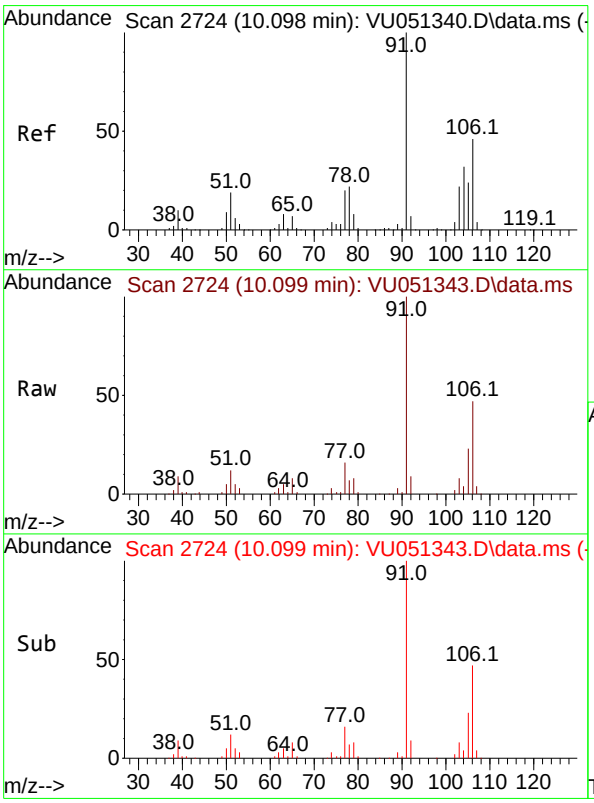
#53
m,p-Xylene
Concen: 4.002 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion:106 Resp: 97635

Ion	Ratio	Lower	Upper
106	100		
91	202.8	143.9	267.3

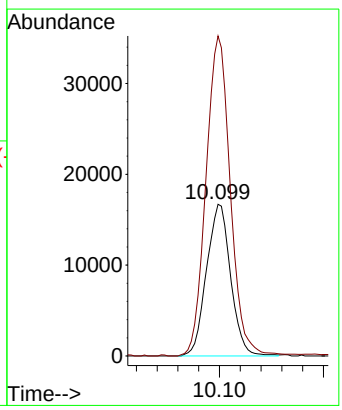


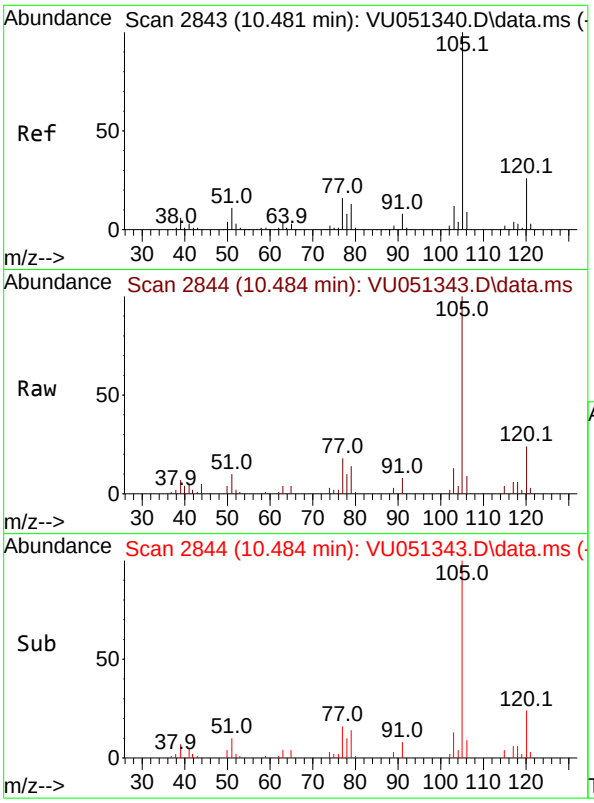


#54
o-Xylene
Concen: 1.165 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion:106 Resp: 26894

Ion	Ratio	Lower	Upper
106	100		
91	211.0	154.4	286.8



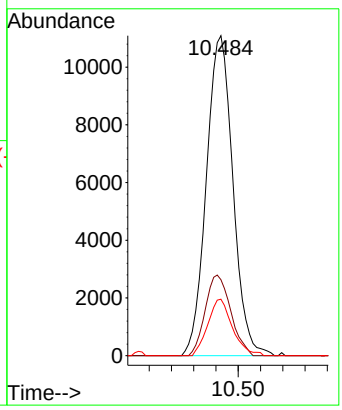


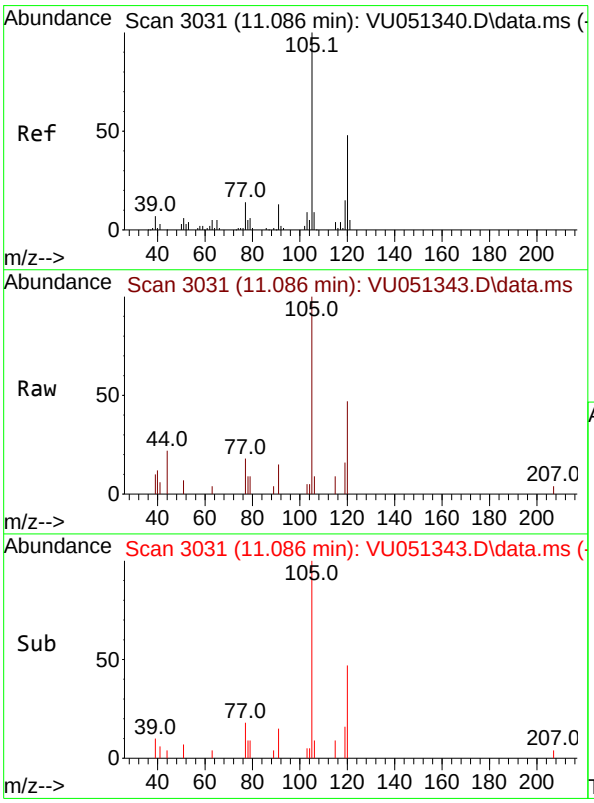
#60
Isopropylbenzene
Concen: 0.340 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion:105 Resp: 18402

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.6	30.8
77	16.4	13.5	20.3

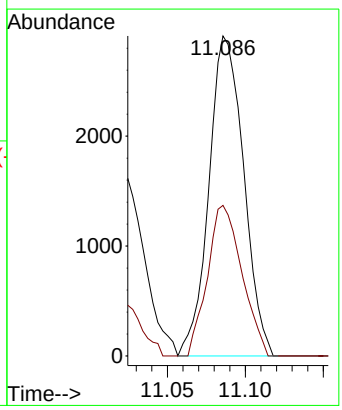


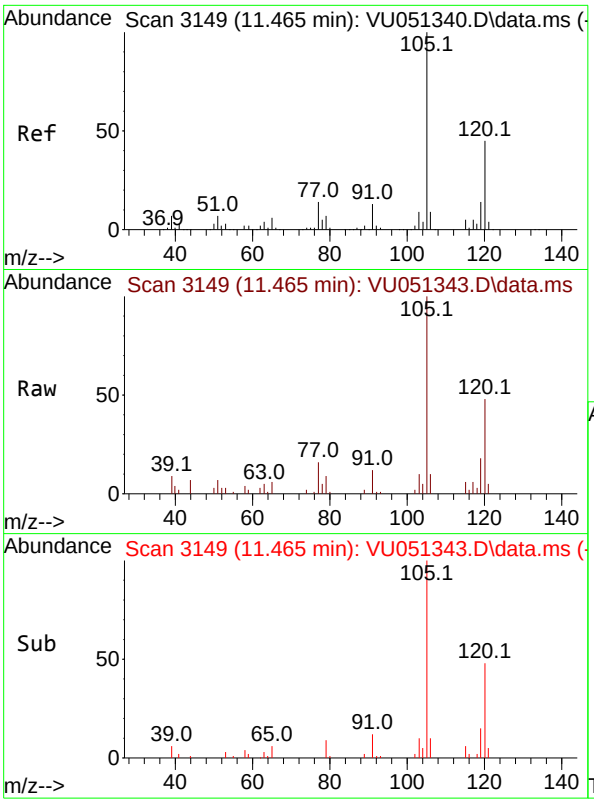


#62
1,3,5-Trimethylbenzene
Concen: 0.314 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion:105 Resp: 4508

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.7	56.5



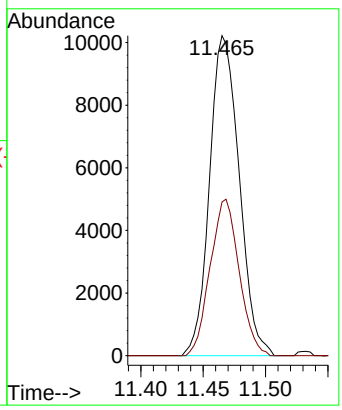


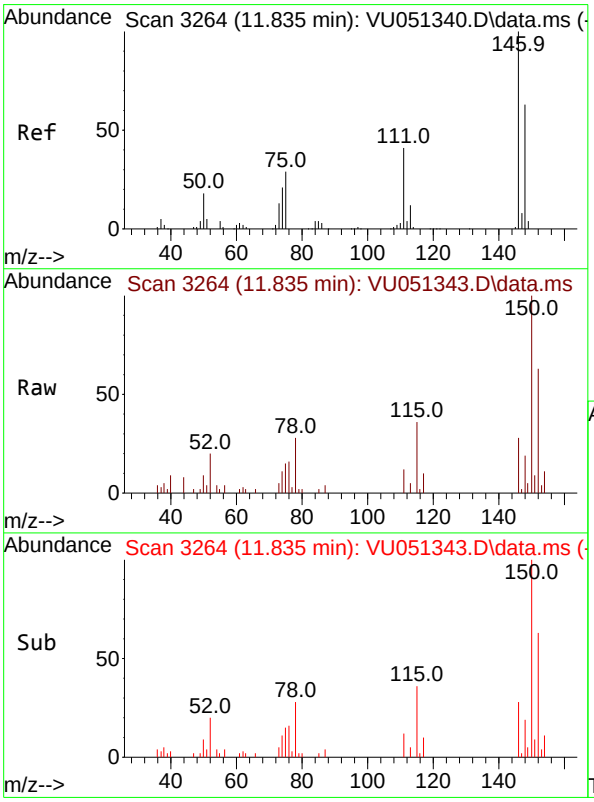
#63
1,2,4-Trimethylbenzene
Concen: 0.416 ug/L
RT: 11.465 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion:105 Resp: 16913

Ion	Ratio	Lower	Upper
105	100		
120	47.9	35.6	53.4

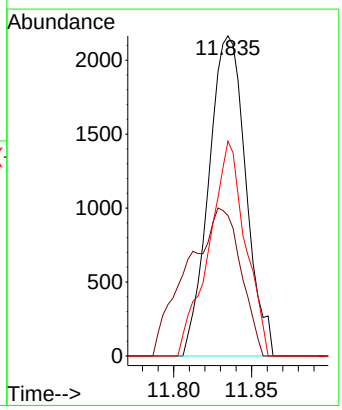


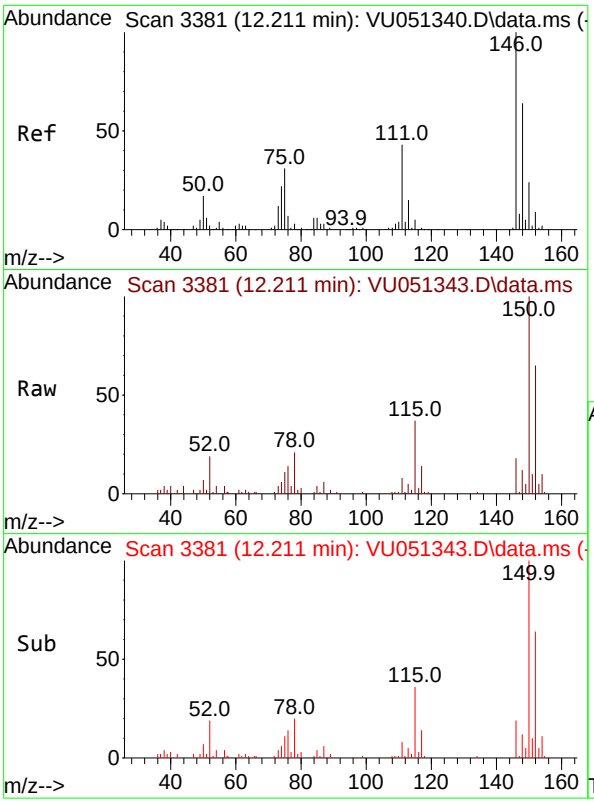


#65
1,4-Dichlorobenzene
Concen: 0.136 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Tgt Ion:146 Resp: 3580

Ion	Ratio	Lower	Upper
146	100		
111	43.9	29.1	54.1
148	67.1	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.174 ug/L
RT: 12.211 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051343.D
Acq: 10 Oct 2022 22:23

Instrument :
MSVOA_U
ClientSampleId :
BHA45DL2

Tgt Ion:146 Resp: 4537

Ion	Ratio	Lower	Upper
146	100		
111	42.2	35.5	53.3
148	63.6	50.9	76.3