Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051591.D
Acq On : 29 Oct 2022 01:29
Operator : JC/MD
Sample : N5276-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Quant Time: Oct 29 04:04:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 29 00:39:42 2022
Response via : Initial Calibration

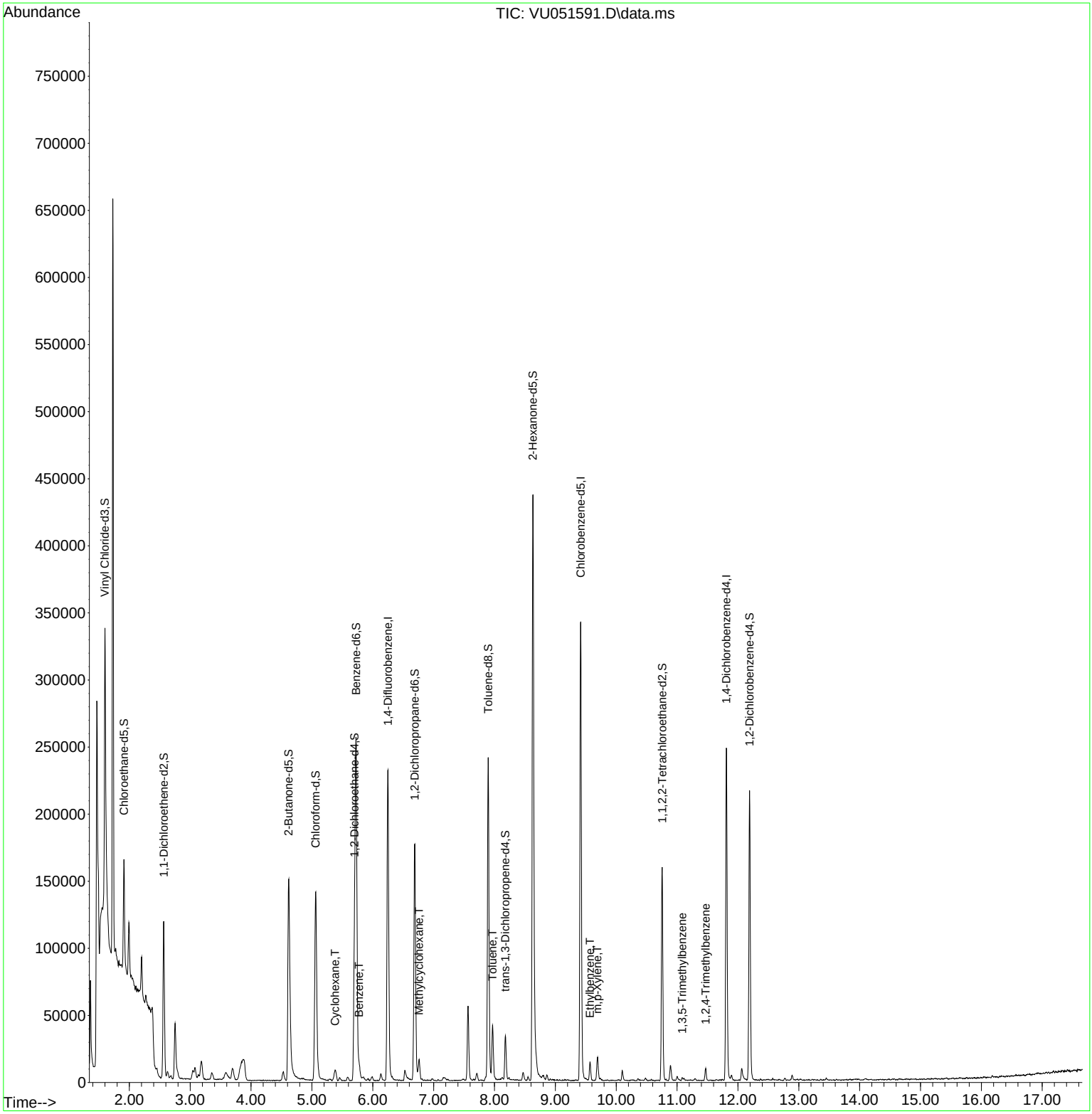
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	194561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64131	4.377	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.912	69	63873	4.180	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.565	65	22386	4.209	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	4.616	46	211628	39.878	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.760%			
24) Chloroform-d	5.060	84	131614	3.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.800%			
26) 1,2-Dichloroethane-d4	5.700	65	74348	4.014	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.200%			
32) Benzene-d6	5.726	84	245304	3.863	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.200%			
36) 1,2-Dichloropropane-d6	6.687	67	87752	3.952	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.000%			
41) Toluene-d8	7.896	98	168246	3.369	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.400%#			
43) trans-1,3-Dichloroprop...	8.179	79	19916	2.933	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 58.600%			
46) 2-Hexanone-d5	8.629	63	146233	35.777	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.560%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82310	4.045	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	58759	4.571	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
30) Cyclohexane	5.378	56	3745	0.149	ug/L #	86
33) Benzene	5.774	78	9205	0.116	ug/L	100
35) Methylcyclohexane	6.761	83	5525	0.209	ug/L	96
42) Toluene	7.967	91	30255	0.371	ug/L	95
52) Ethylbenzene	9.568	91	9386	0.119	ug/L	92
53) m,p-Xylene	9.690	106	5620	0.184	ug/L	95
62) 1,3,5-Trimethylbenzene	11.086	105	1444	0.105	ug/L	89
63) 1,2,4-Trimethylbenzene	11.471	105	5234	0.132	ug/L	97

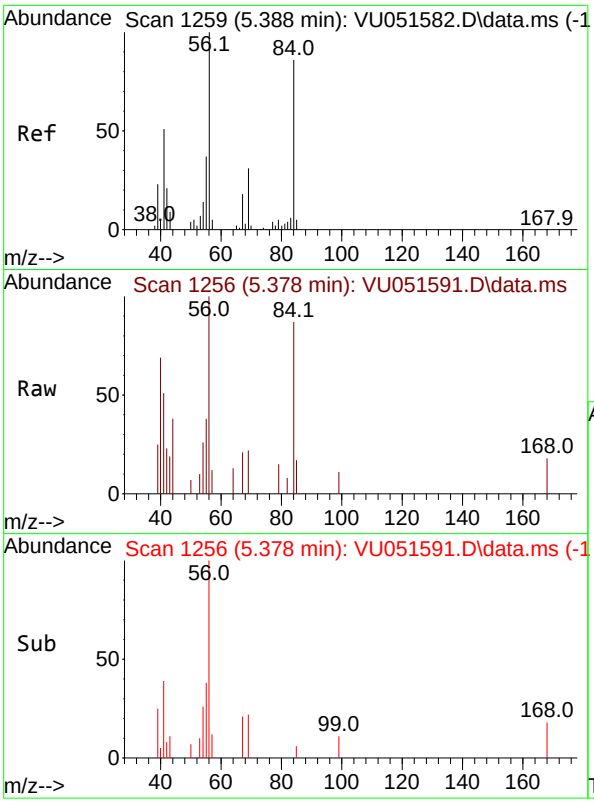
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051591.D
Acq On : 29 Oct 2022 01:29
Operator : JC/MD
Sample : N5276-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Quant Time: Oct 29 04:04:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 29 00:39:42 2022
Response via : Initial Calibration



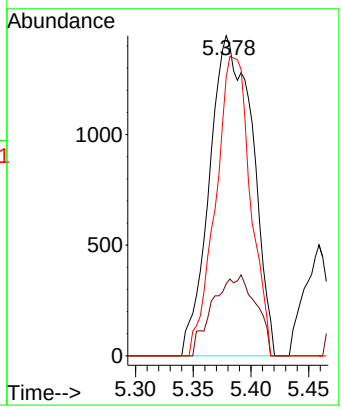


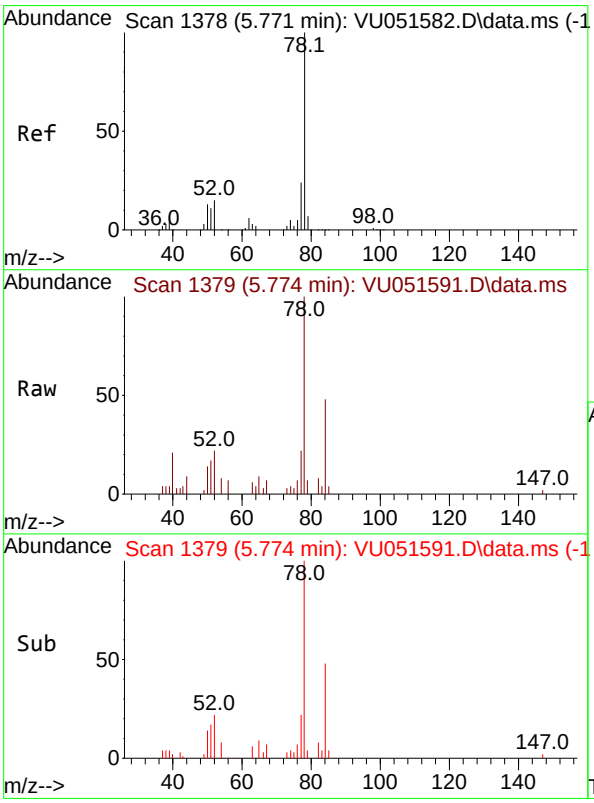
#30
Cyclohexane
Concen: 0.149 ug/L
RT: 5.378 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Tgt Ion: 56 Resp: 3745

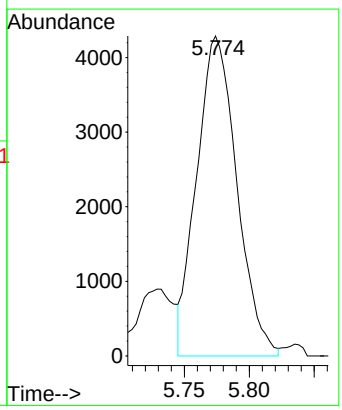
Ion	Ratio	Lower	Upper
56	100		
69	25.3	25.4	38.0#
84	75.8	71.4	107.0

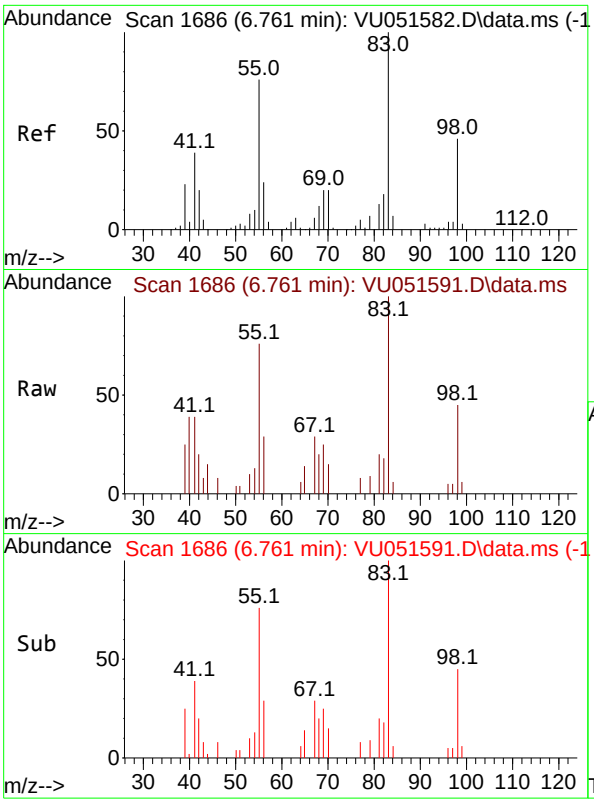




#33
Benzene
Concen: 0.116 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 78 Resp: 9205



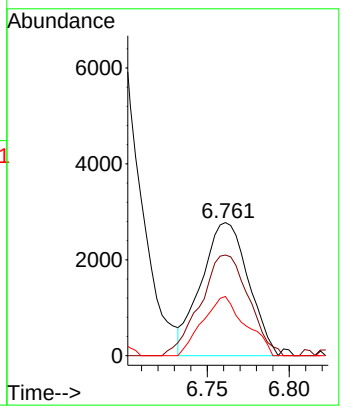


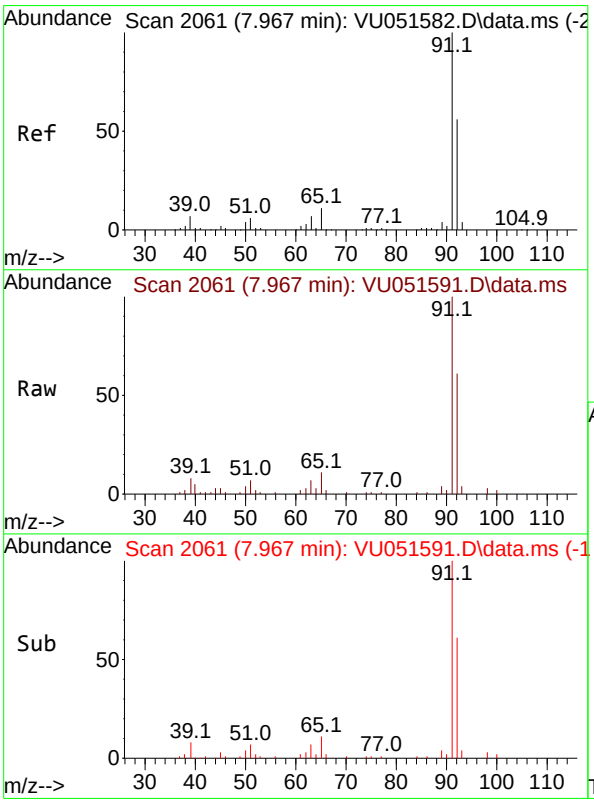
#35
Methylcyclohexane
Concen: 0.209 ug/L
RT: 6.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Tgt Ion: 83 Resp: 5525

Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.6	90.8
98	40.4	35.8	53.6

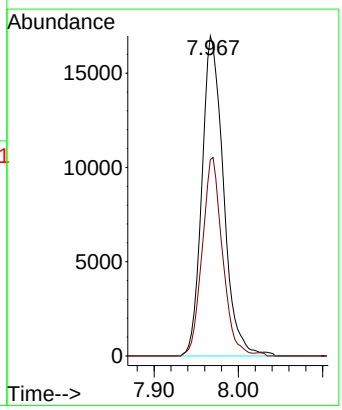


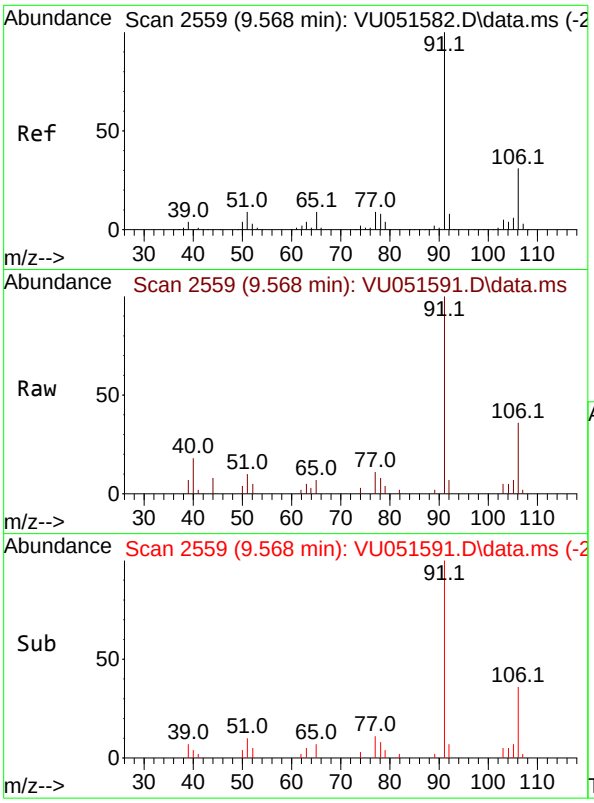


#42
Toluene
Concen: 0.371 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 91 Resp: 30255

Ion	Ratio	Lower	Upper
91	100		
92	61.4	40.5	75.3



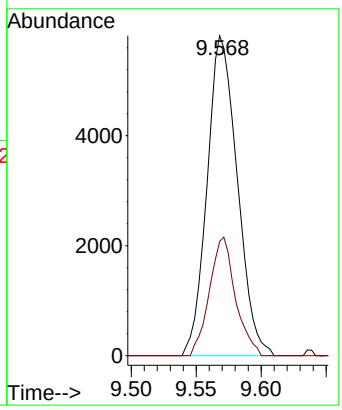


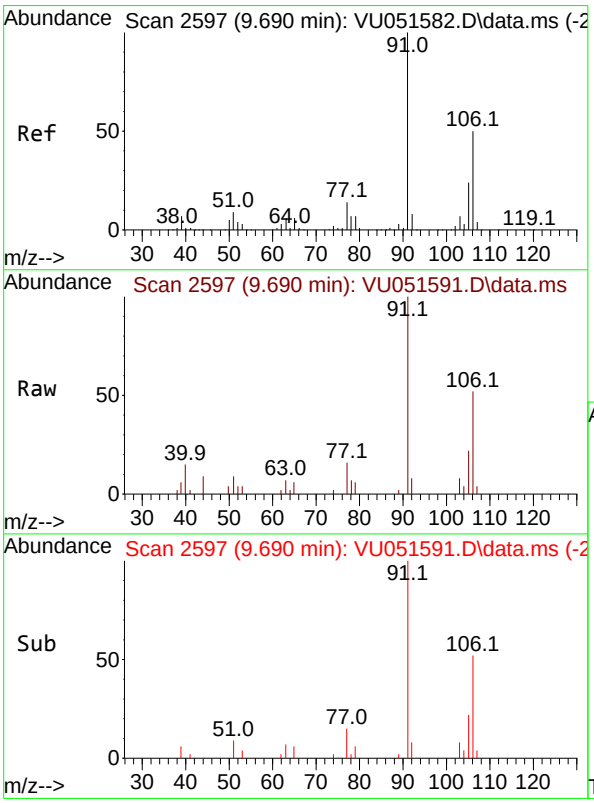
#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 9.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Tgt Ion: 91 Resp: 9386

Ion	Ratio	Lower	Upper
91	100		
106	35.6	21.8	40.6

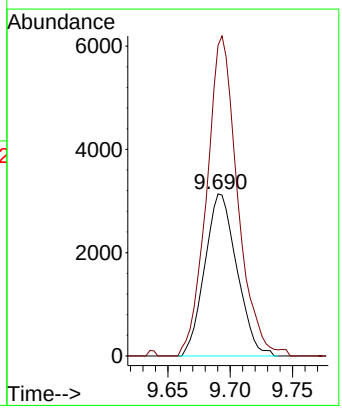


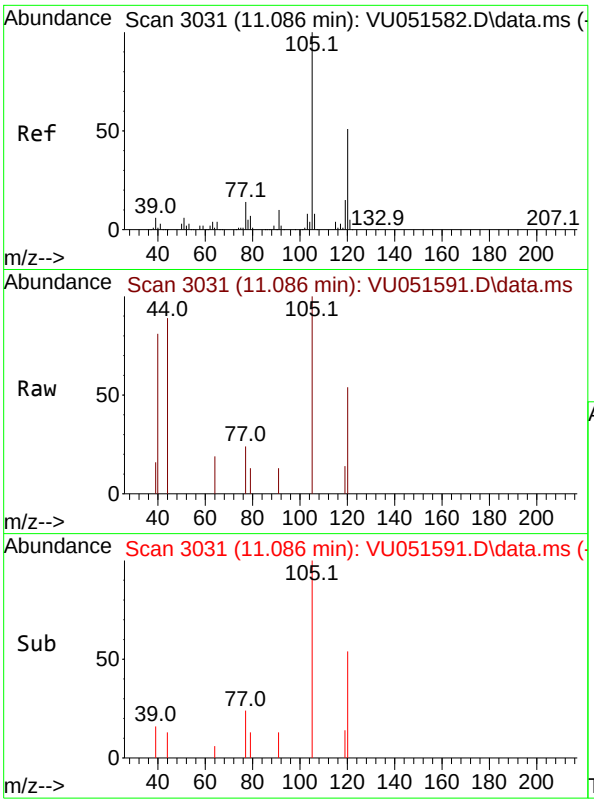


#53
m,p-Xylene
Concen: 0.184 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion:106 Resp: 5620

Ion	Ratio	Lower	Upper
106	100		
91	191.6	139.4	259.0



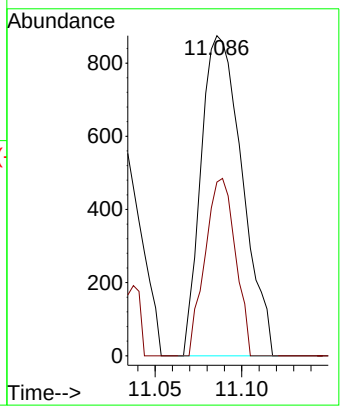


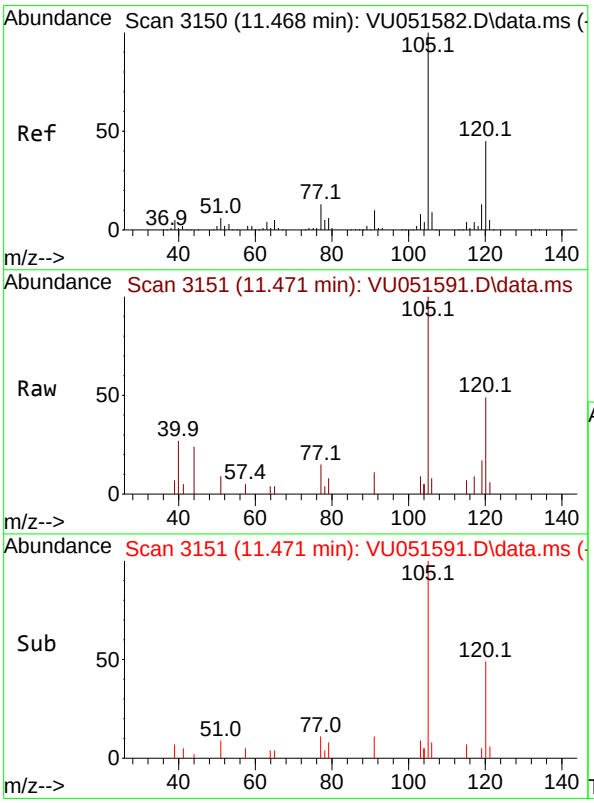
#62
1,3,5-Trimethylbenzene
Concen: 0.105 ug/L
RT: 11.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Instrument :
MSVOA_U
ClientSampleId :
EW4X1

Tgt Ion:105 Resp: 1444

Ion	Ratio	Lower	Upper
105	100		
120	40.8	38.6	57.8





#63
1,2,4-Trimethylbenzene
Concen: 0.132 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU051591.D
Acq: 29 Oct 2022 01:29

Tgt Ion:105 Resp: 5234

Ion	Ratio	Lower	Upper
105	100		
120	46.6	35.8	53.6