Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050092.D
Acq On : 05 Aug 2022 13:23
Operator : SY/MD
Sample : N4022-07RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Quant Time: Aug 06 04:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
Response via : Initial Calibration

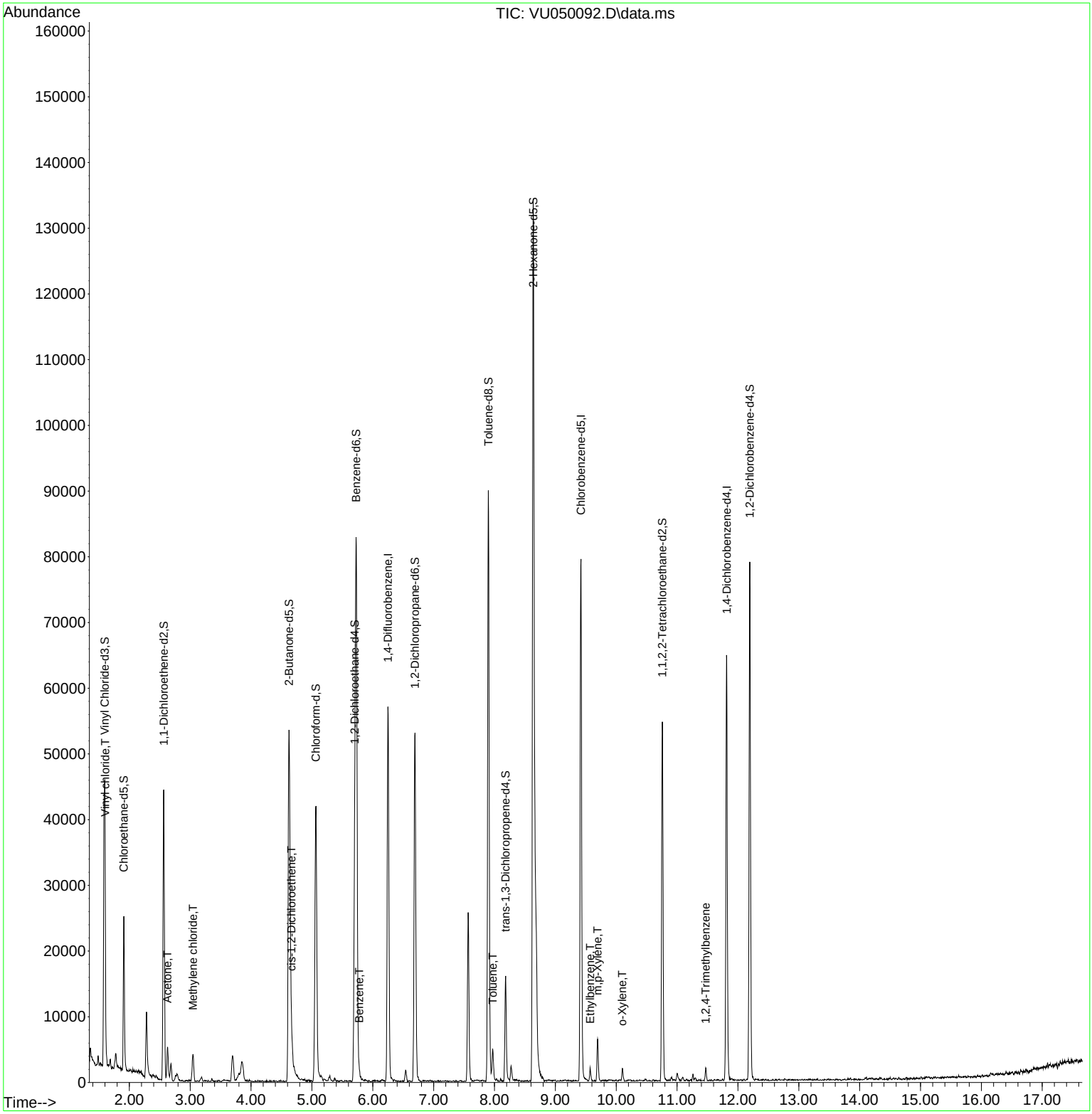
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	48487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	46929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	17662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21371	5.296	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.000%			
7) Chloroethane-d5	1.909	69	17001	5.222	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.400%			
11) 1,1-Dichloroethene-d2	2.565	65	8292	5.258	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.200%			
20) 2-Butanone-d5	4.623	46	80422	81.729	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 163.460%#			
24) Chloroform-d	5.067	84	39912	5.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	5.703	65	23867	6.193	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 123.800%			
32) Benzene-d6	5.729	84	78182	5.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
36) 1,2-Dichloropropane-d6	6.694	67	27430	5.688	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.800%			
41) Toluene-d8	7.899	98	65352	5.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
43) trans-1,3-Dichloroprop...	8.182	79	9743	5.638	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 112.800%			
46) 2-Hexanone-d5	8.636	63	43181	70.461	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 140.920%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29506	6.967	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 139.400%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	21431	6.193	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 123.800%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7650	1.469	ug/L	99
13) Acetone	2.626	43	5944	10.847	ug/L	93
16) Methylene chloride	3.044	84	2036	0.398	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	768	0.184	ug/L	90
33) Benzene	5.777	78	1675	0.102	ug/L	100
42) Toluene	7.970	91	3962	0.240	ug/L	100
52) Ethylbenzene	9.571	91	1721	0.107	ug/L	93
53) m,p-Xylene	9.693	106	2067	0.349	ug/L	81
54) o-Xylene	10.099	106	636	0.108	ug/L	82
63) 1,2,4-Trimethylbenzene	11.472	105	1459	0.161	ug/L	88

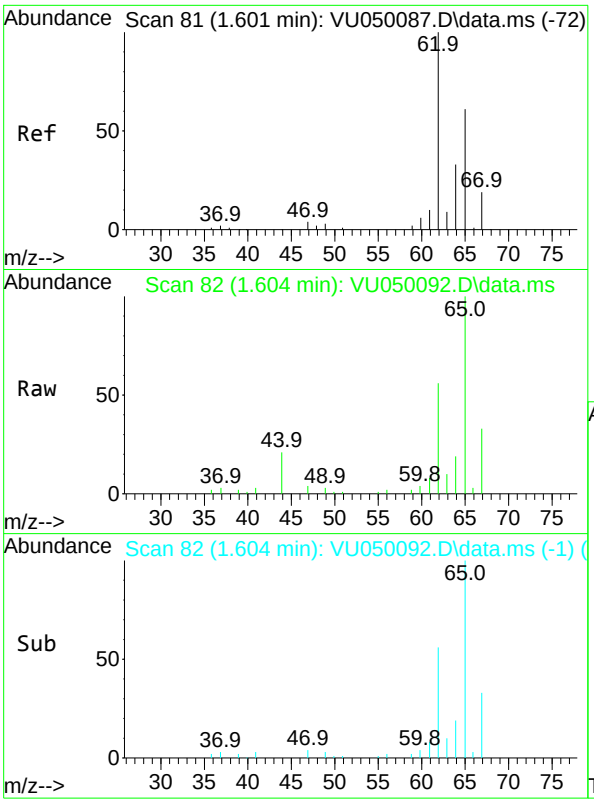
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050092.D
Acq On : 05 Aug 2022 13:23
Operator : SY/MD
Sample : N4022-07RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Quant Time: Aug 06 04:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
Response via : Initial Calibration



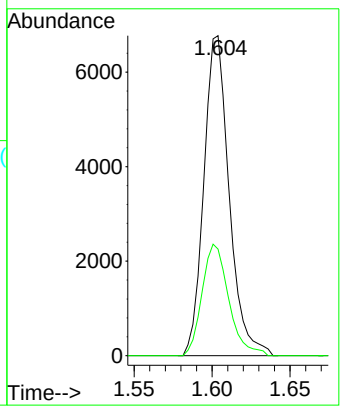


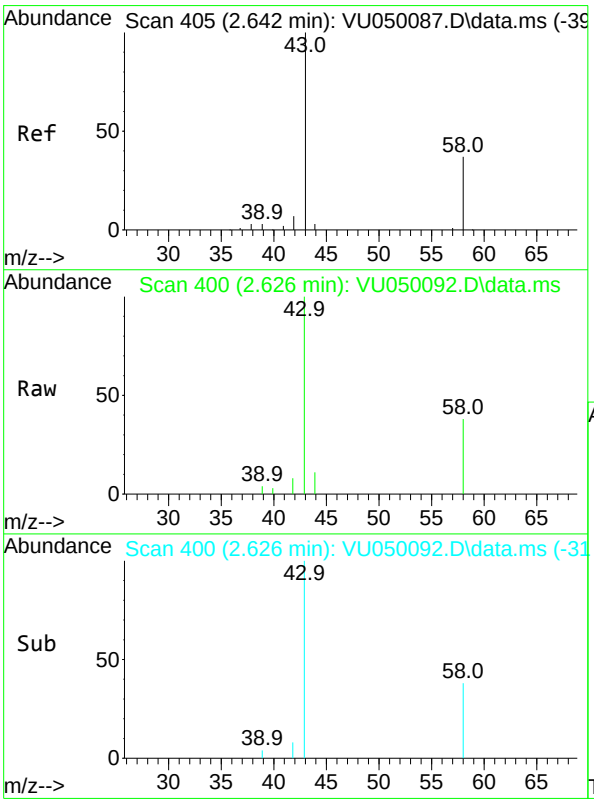
#5
Vinyl chloride
Concen: 1.469 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Tgt Ion: 62 Resp: 7650

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.8	42.4

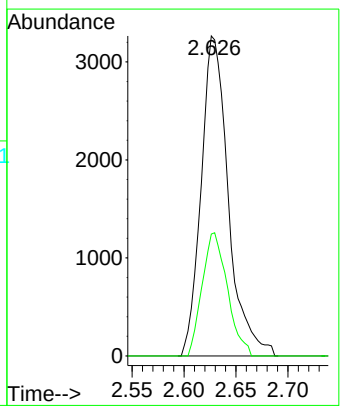


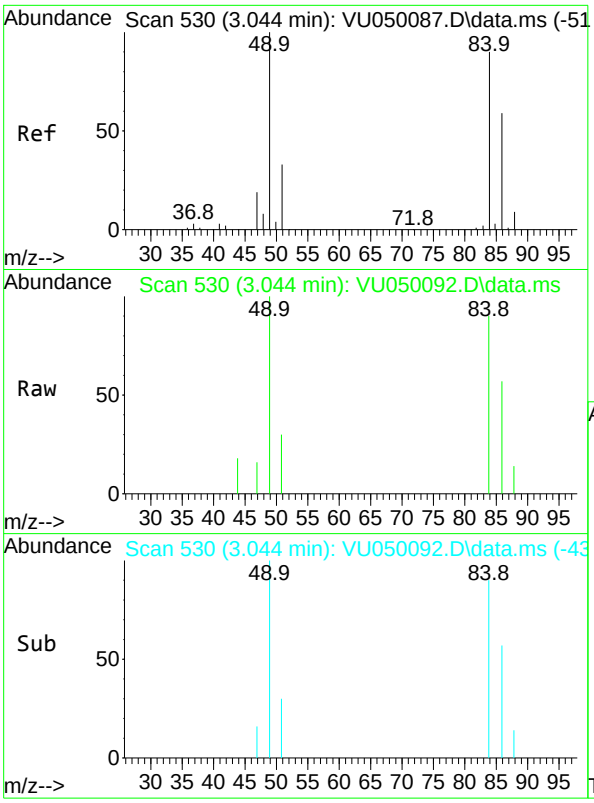


#13
Acetone
Concen: 10.847 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.016 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Tgt Ion: 43 Resp: 5944

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	64.0



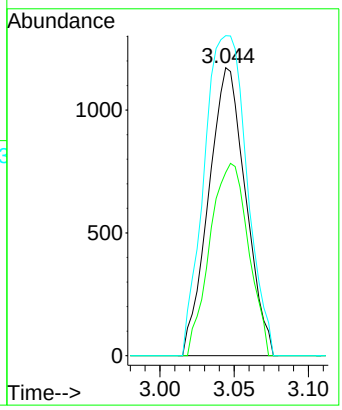


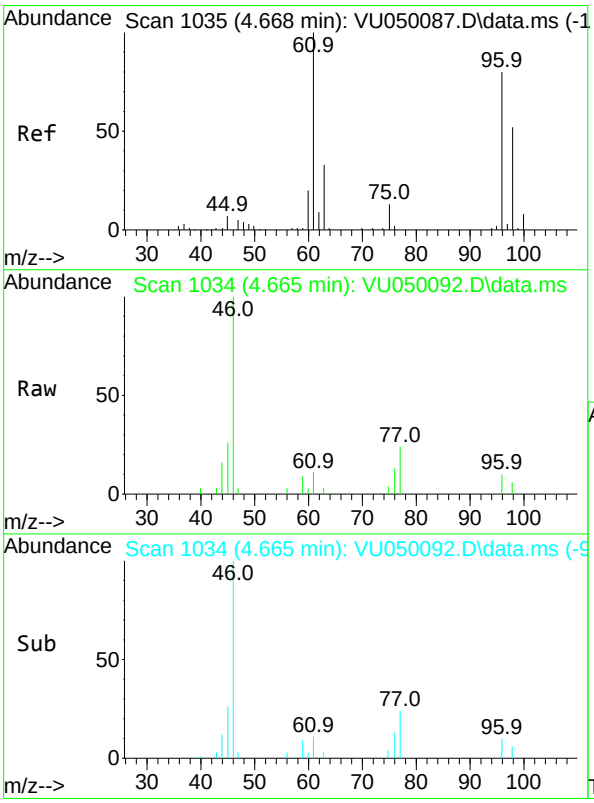
#16
Methylene chloride
Concen: 0.398 ug/L
RT: 3.044 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Tgt Ion: 84 Resp: 2036

Ion	Ratio	Lower	Upper
84	100		
86	63.6	45.9	85.3
49	111.1	77.6	144.0

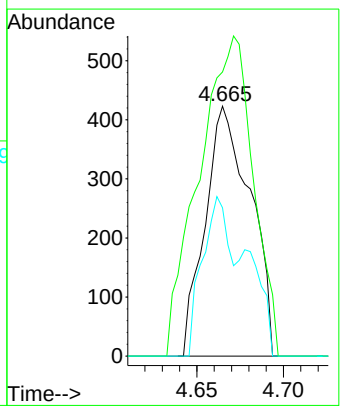


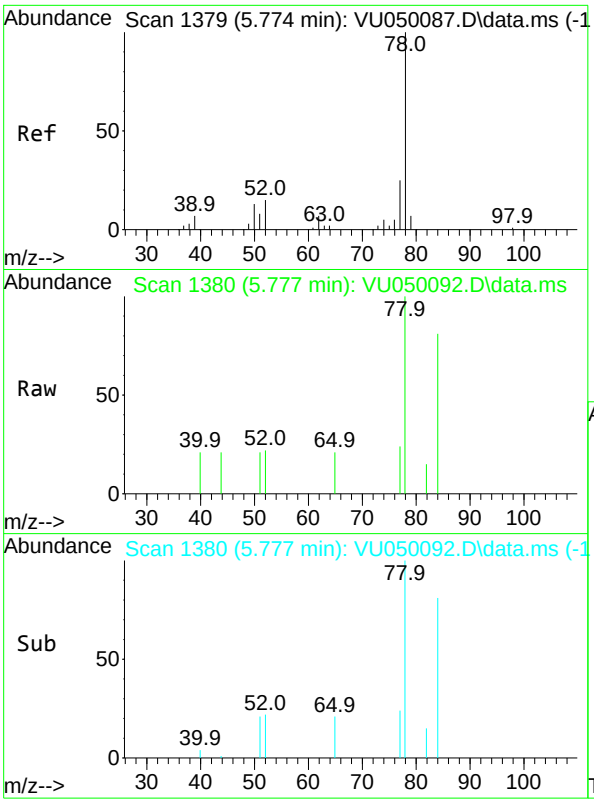


#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Tgt Ion: 96 Resp: 768

Ion	Ratio	Lower	Upper
96	100		
61	113.7	89.0	165.4
98	59.3	45.2	84.0

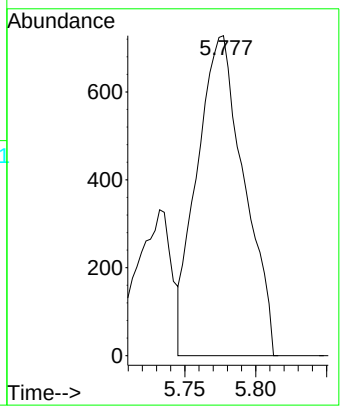


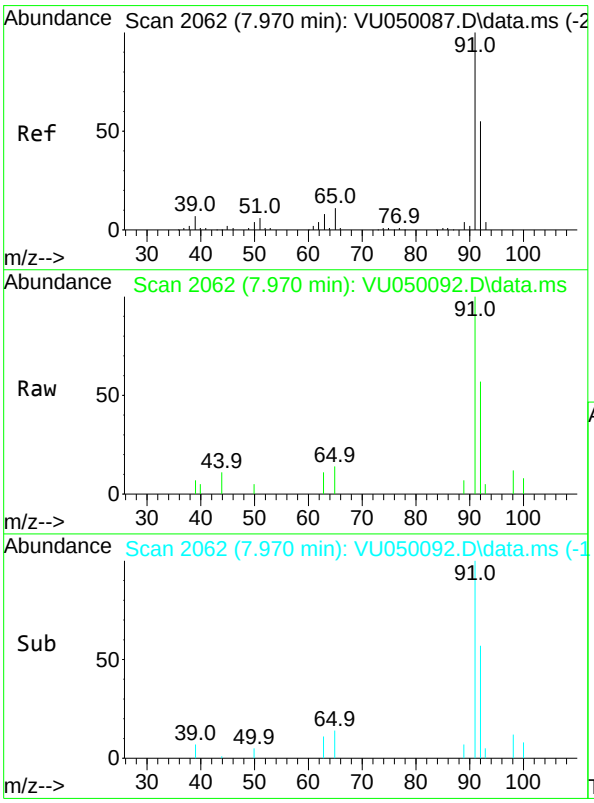


#33
Benzene
Concen: 0.102 ug/L
RT: 5.777 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Tgt Ion: 78 Resp: 1675

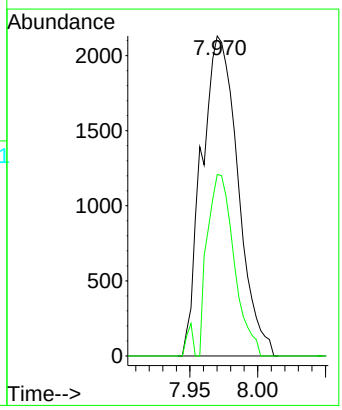


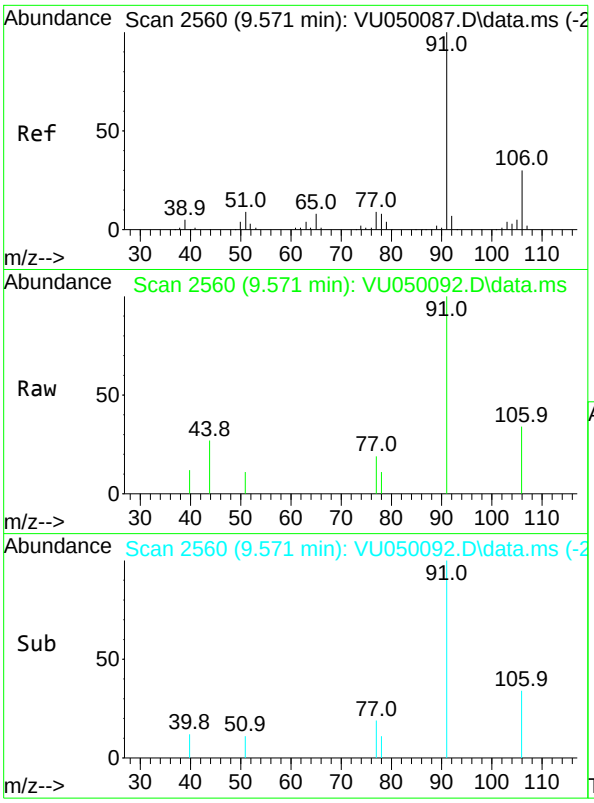


#42
Toluene
Concen: 0.240 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Tgt Ion: 91 Resp: 3962

Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.8	74.0



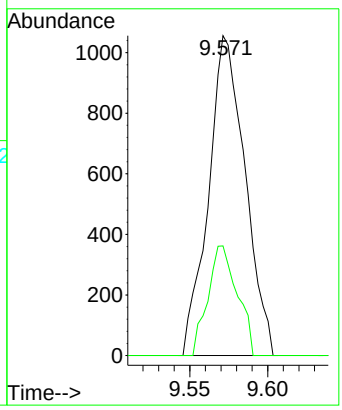


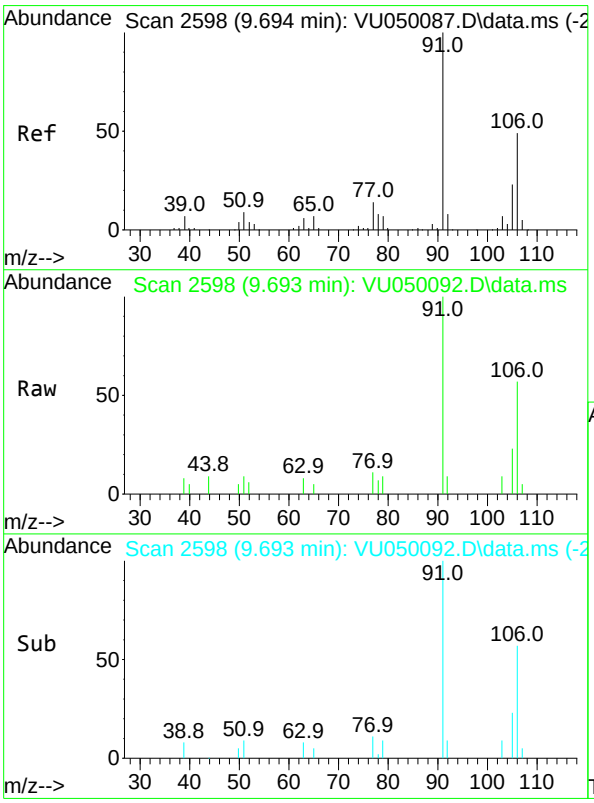
#52
Ethylbenzene
Concen: 0.107 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Tgt Ion: 91 Resp: 1721

Ion	Ratio	Lower	Upper
91	100		
106	34.3	21.3	39.5

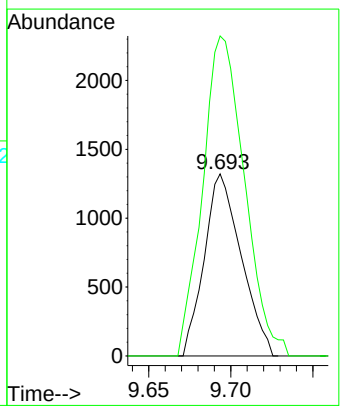


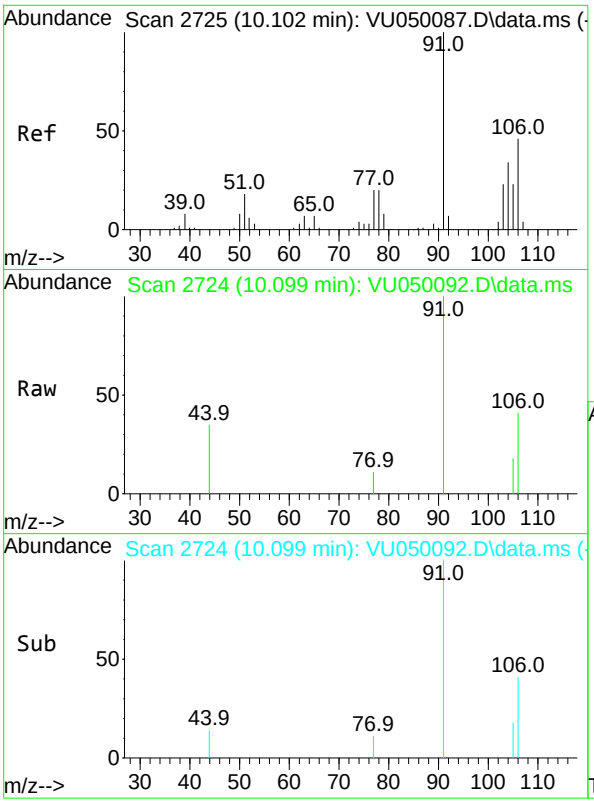


#53
m,p-Xylene
Concen: 0.349 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Tgt Ion:106 Resp: 2067

Ion	Ratio	Lower	Upper
106	100		
91	175.7	143.1	265.9



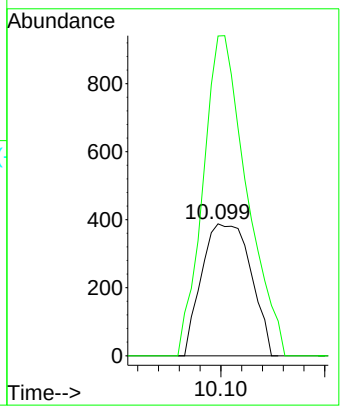


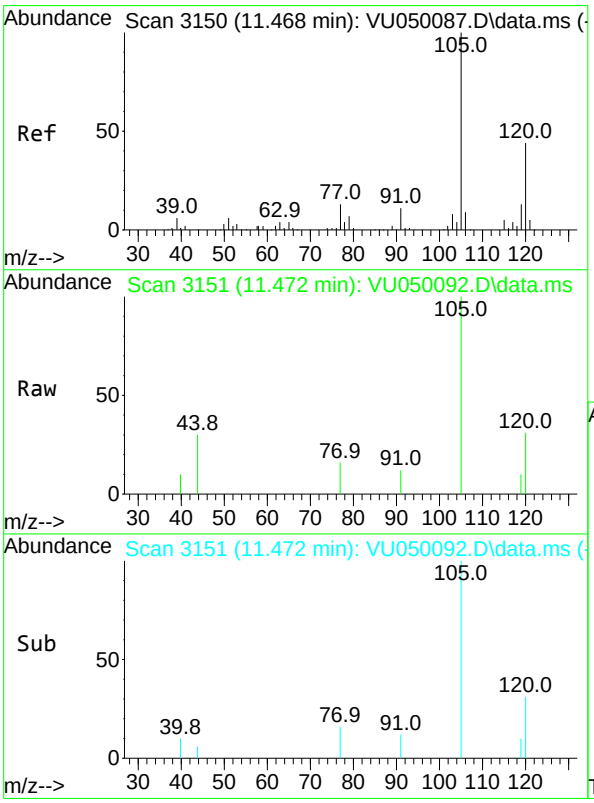
#54
o-Xylene
Concen: 0.108 ug/L
RT: 10.099 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
F5D57RE

Tgt Ion:106 Resp: 636

Ion	Ratio	Lower	Upper
106	100		
91	242.3	149.4	277.4





#63
1,2,4-Trimethylbenzene
Concen: 0.161 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050092.D
Acq: 05 Aug 2022 13:23

Tgt Ion:105 Resp: 1459

Ion	Ratio	Lower	Upper
105	100		
120	37.0	35.9	53.9