Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027084.D
Acq On : 29 Jul 2022 14:52
Operator : SY/MD
Sample : N3897-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Quant Time: Jul 30 00:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 00:04:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	470904	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	485201	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	223710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	170089	37.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.940%			
7) Chloroethane-d5	1.565	69	154801	43.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.220%			
11) 1,1-Dichloroethene-d2	2.101	63	230005	30.156	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.320%			
21) 2-Butanone-d5	3.889	46	312864	122.473	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.470%			
24) Chloroform-d	4.343	84	389968	48.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.660%			
26) 1,2-Dichloroethane-d4	5.027	65	234341	51.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.320%			
32) Benzene-d6	5.047	84	702298	41.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.440%			
36) 1,2-Dichloropropane-d6	6.066	67	248745	47.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.400%			
41) Toluene-d8	7.314	98	549244	35.664	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.320%#			
43) trans-1,3-Dichloroprop...	7.619	79	82741	35.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.840%			
47) 2-Hexanone-d5	8.088	63	213788	95.362	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.360%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	411676	52.357	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.720%			
66) 1,2-Dichlorobenzene-d4	11.622	152	300059	59.666	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.340%			
Target Compounds						Qvalue
13) Acetone	2.182	43	13953	7.374	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	12430	1.205	ug/L	96
33) Benzene	5.098	78	46716	2.988	ug/L	100
42) Toluene	7.394	91	27152	1.684	ug/L	99
52) Ethylbenzene	9.011	91	165642	10.147	ug/L	97
53) m,p-Xylene	9.140	106	20302	3.162	ug/L	96
54) o-Xylene	9.545	106	10486	1.696	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	23737	4.978	ug/L	96

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

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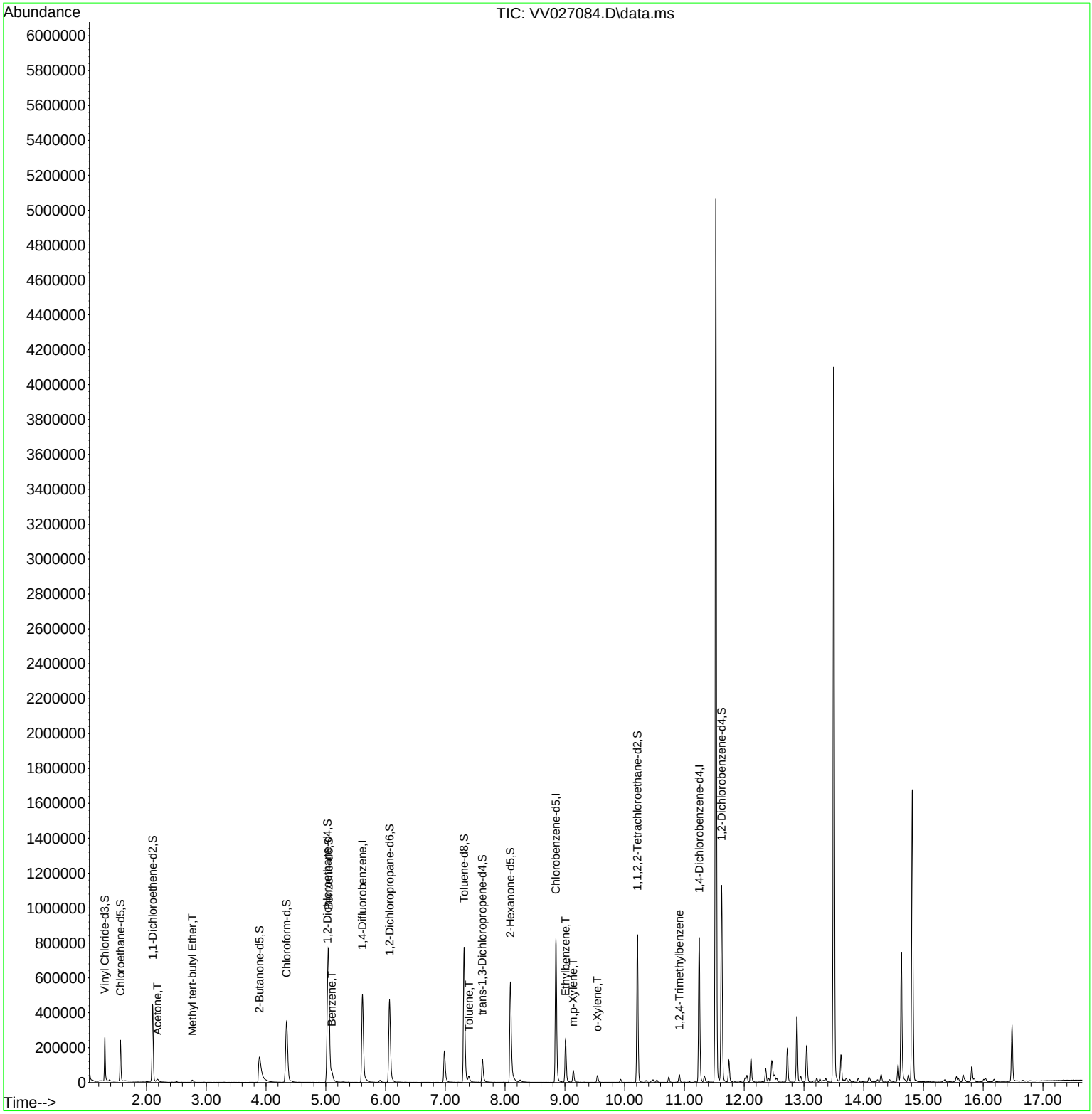
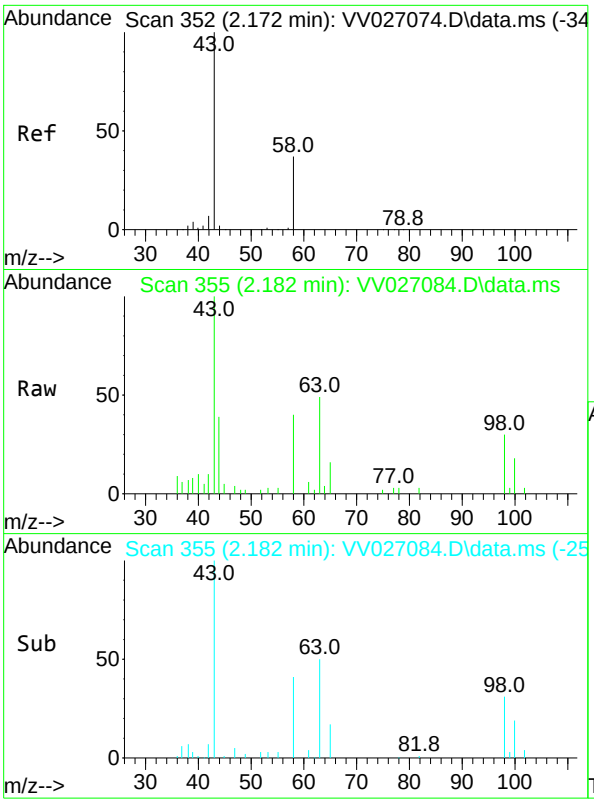


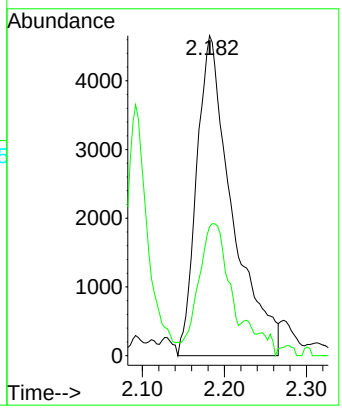


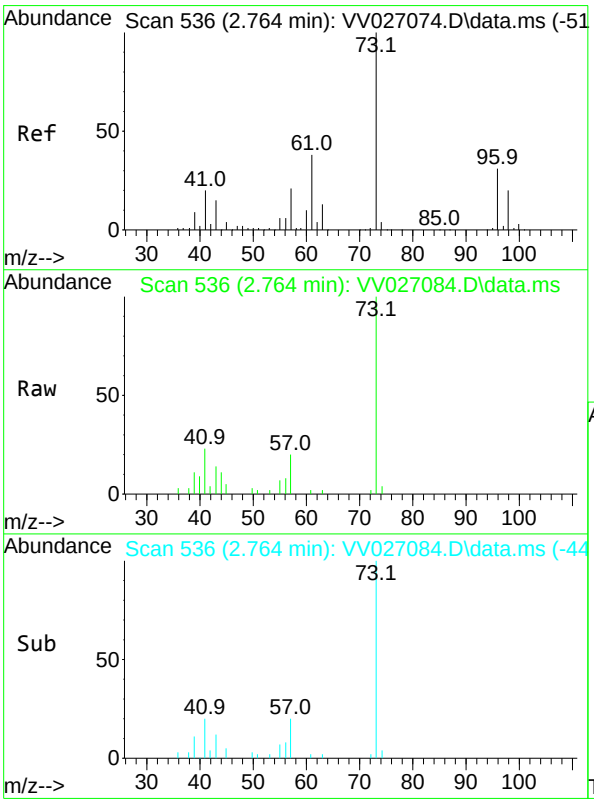
#13
Acetone
Concen: 7.374 ug/L
RT: 2.182 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Tgt Ion: 43 Resp: 13953

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	49.6

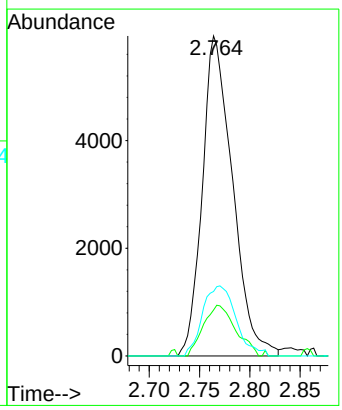


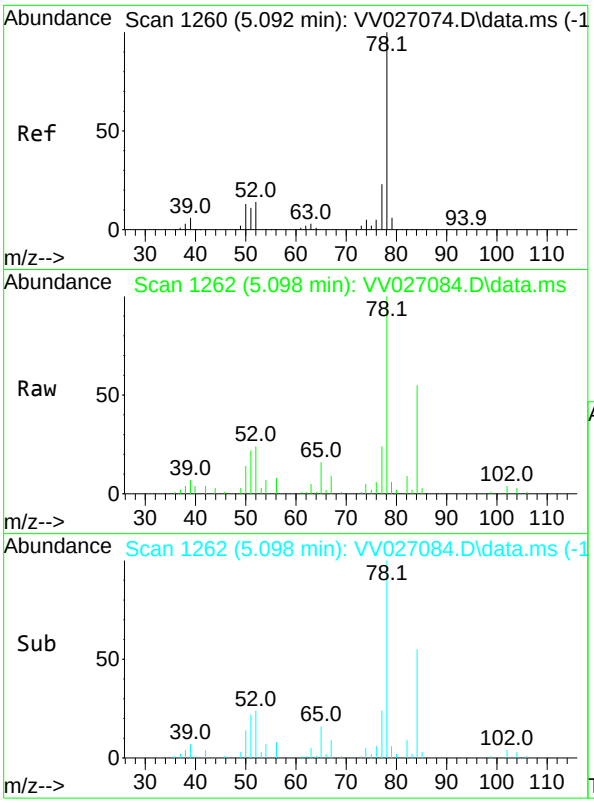


#18
Methyl tert-butyl Ether
Concen: 1.205 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Tgt Ion: 73 Resp: 12430

Ion	Ratio	Lower	Upper
73	100		
43	16.8	12.6	18.8
57	23.8	17.3	25.9

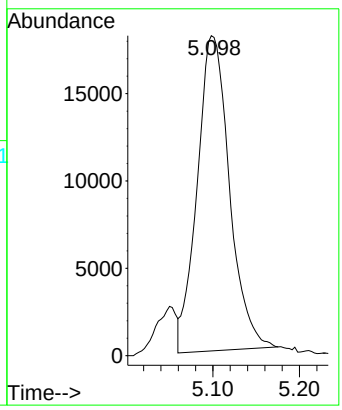


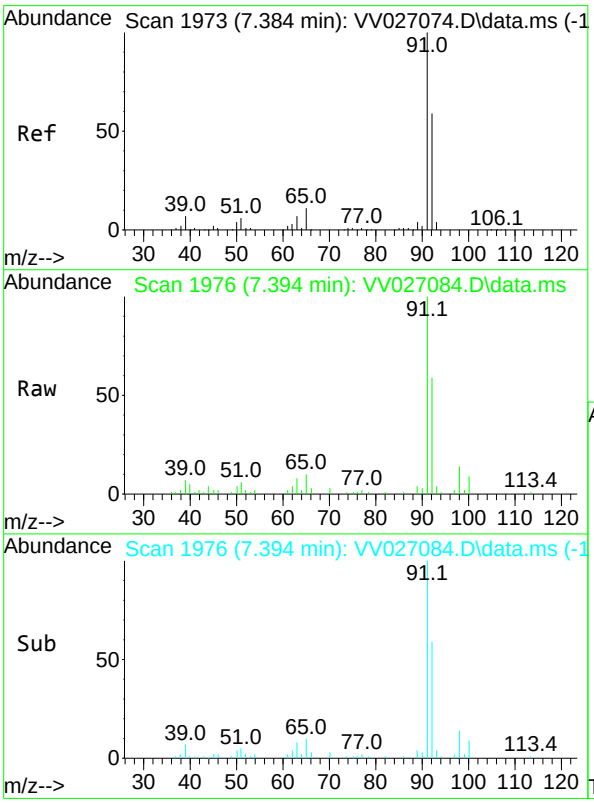


#33
Benzene
Concen: 2.988 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Tgt Ion: 78 Resp: 46716

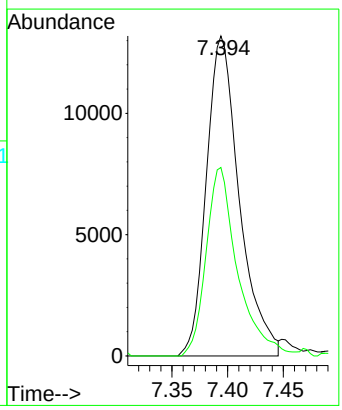


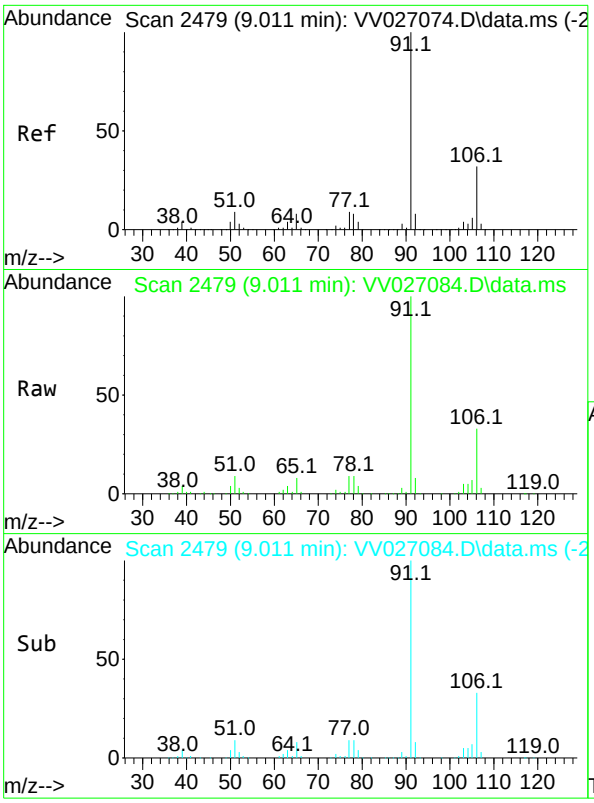


#42
Toluene
Concen: 1.684 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Tgt Ion: 91 Resp: 27152

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.9	76.0



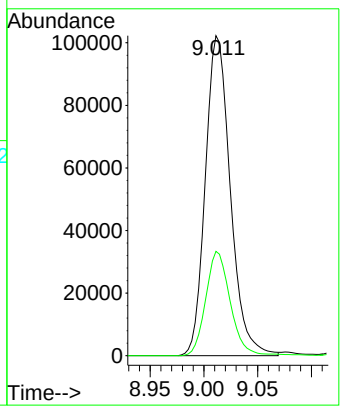


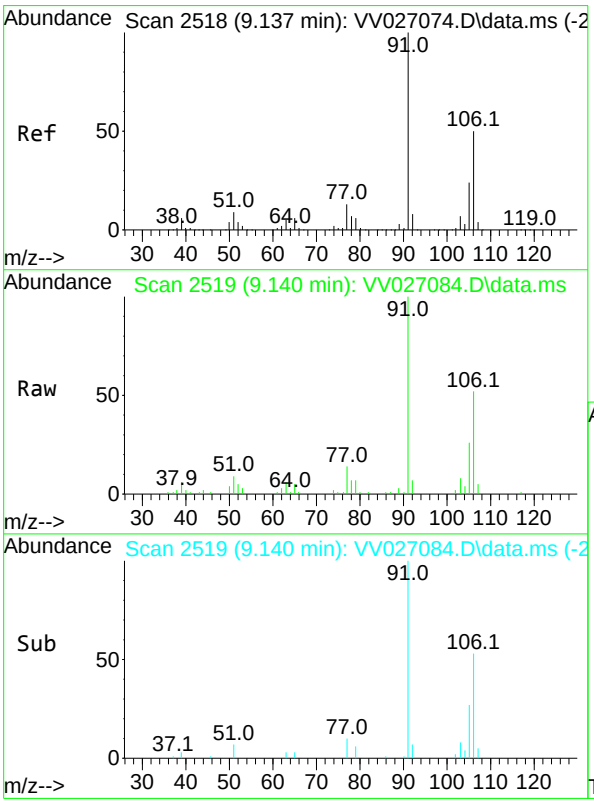
#52
Ethylbenzene
Concen: 10.147 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Tgt Ion: 91 Resp: 165642

Ion	Ratio	Lower	Upper
91	100		
106	32.6	21.8	40.6

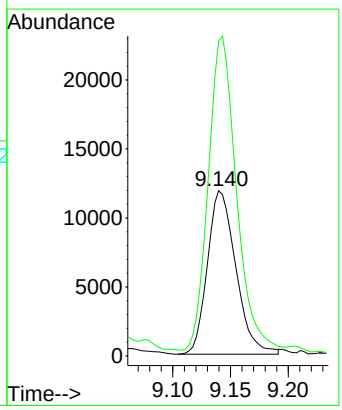


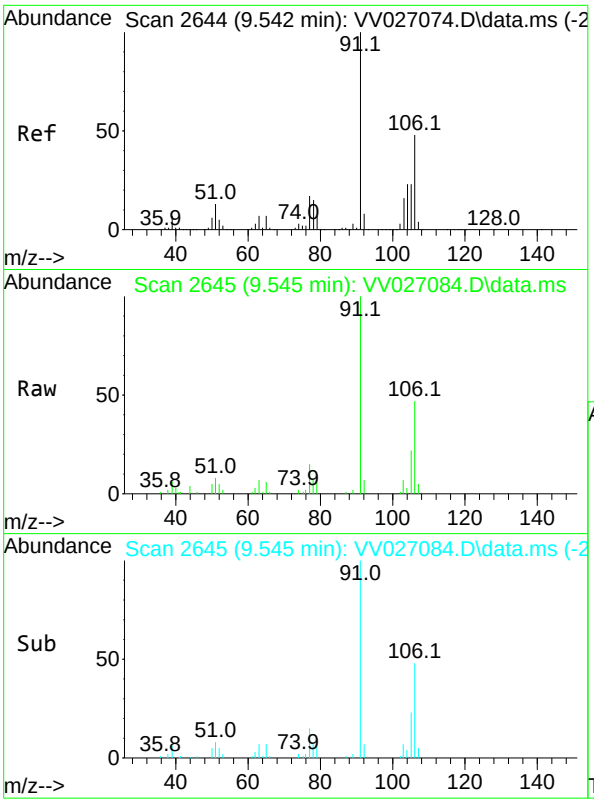


#53
m,p-Xylene
Concen: 3.162 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Tgt Ion:106 Resp: 20302

Ion	Ratio	Lower	Upper
106	100		
91	190.5	137.5	255.3



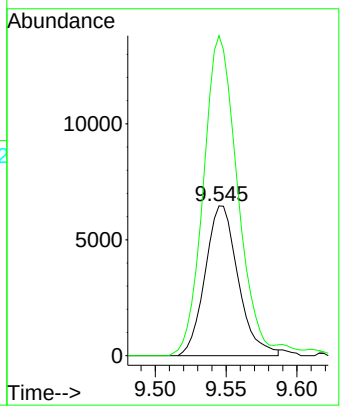


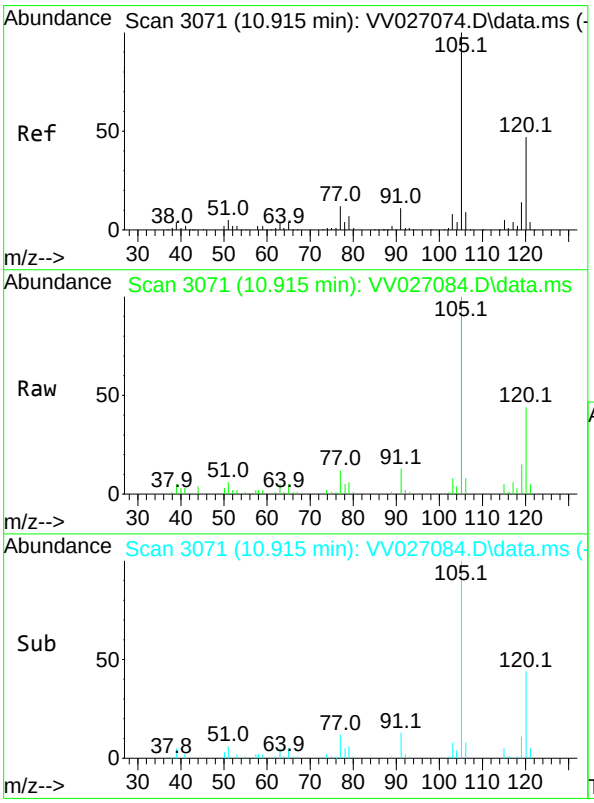
#54
o-Xylene
Concen: 1.696 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
DBUQ0

Tgt Ion:106 Resp: 10486

Ion	Ratio	Lower	Upper
106	100		
91	213.7	146.6	272.2





#63
1,2,4-Trimethylbenzene
Concen: 4.978 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV027084.D
Acq: 29 Jul 2022 14:52

Tgt Ion:105 Resp: 23737

Ion	Ratio	Lower	Upper
105	100		
120	43.6	37.0	55.6