Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

Quant Time: Oct 10 04:40:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 10 02:52:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	360924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	331839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	168856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97105	34.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.740%			
7) Chloroethane-d5	1.568	69	82266	37.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.500%			
11) 1,1-Dichloroethene-d2	2.105	63	132806	28.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.040%#			
21) 2-Butanone-d5	3.905	46	177003	72.604	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.600%			
24) Chloroform-d	4.342	84	227729	44.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.180%			
26) 1,2-Dichloroethane-d4	5.027	65	154009	46.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.500%			
32) Benzene-d6	5.047	84	468953	44.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.066	67	150580	43.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.860%			
41) Toluene-d8	7.310	98	428145	44.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.940%			
43) trans-1,3-Dichloroprop...	7.616	79	72432	40.989	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.980%			
47) 2-Hexanone-d5	8.085	63	152294	80.753	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.750%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	196876	41.499	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	155437	44.426	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.860%			
Target Compounds						Qvalue
33) Benzene	5.092	78	2156611	197.602	ug/L	100
42) Toluene	7.381	91	526663	46.817	ug/L	98
52) Ethylbenzene	9.005	91	1507414	122.942	ug/L	100
53) m,p-Xylene	9.133	106	173561	37.346	ug/L	99
54) o-Xylene	9.535	106	279470	60.058	ug/L	98
60) Isopropylbenzene	9.924	105	191250	15.718	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	114485	10.864	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	244709	23.394	ug/L	99

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

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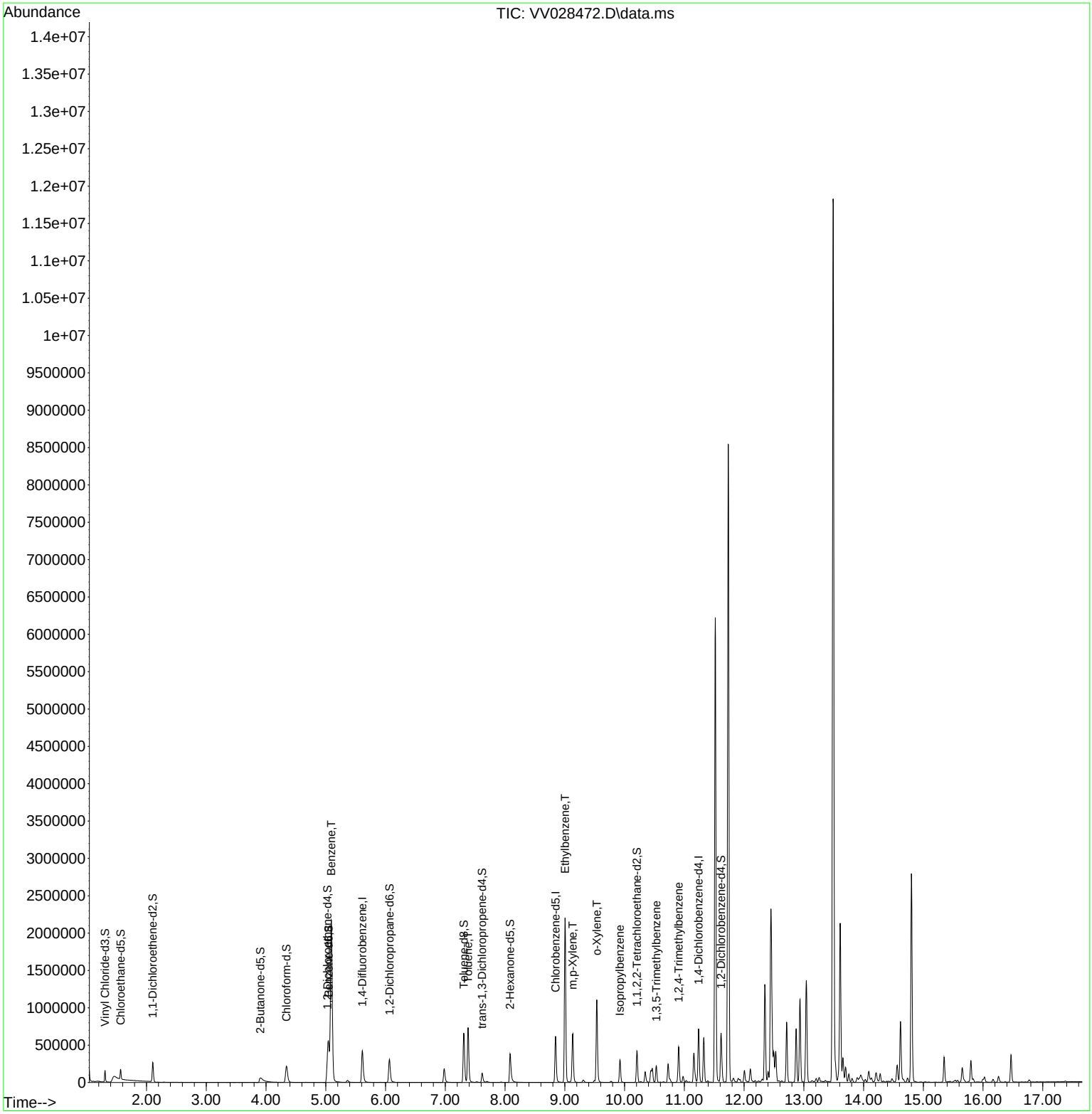
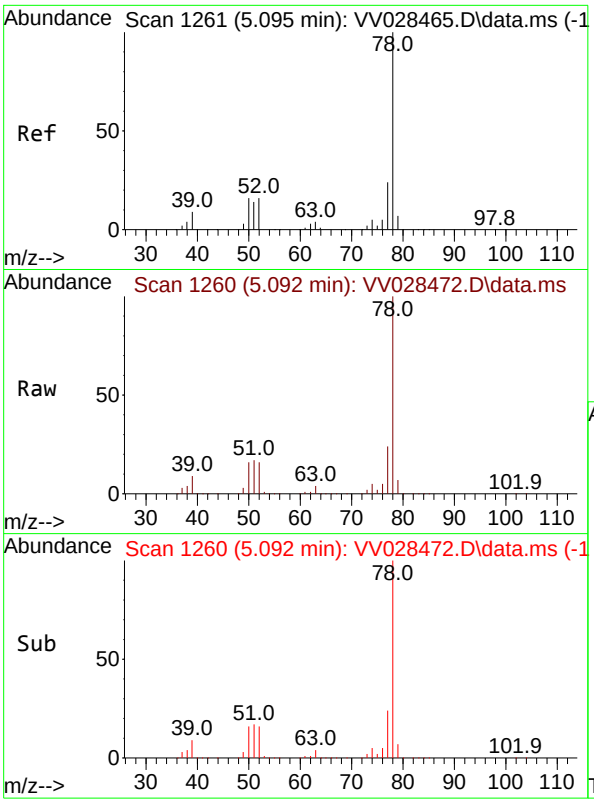
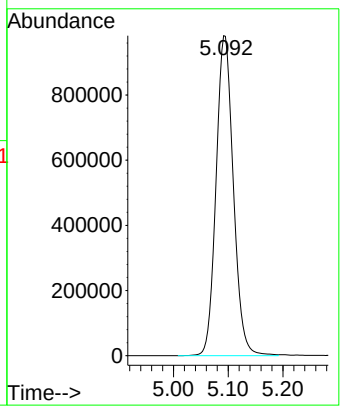


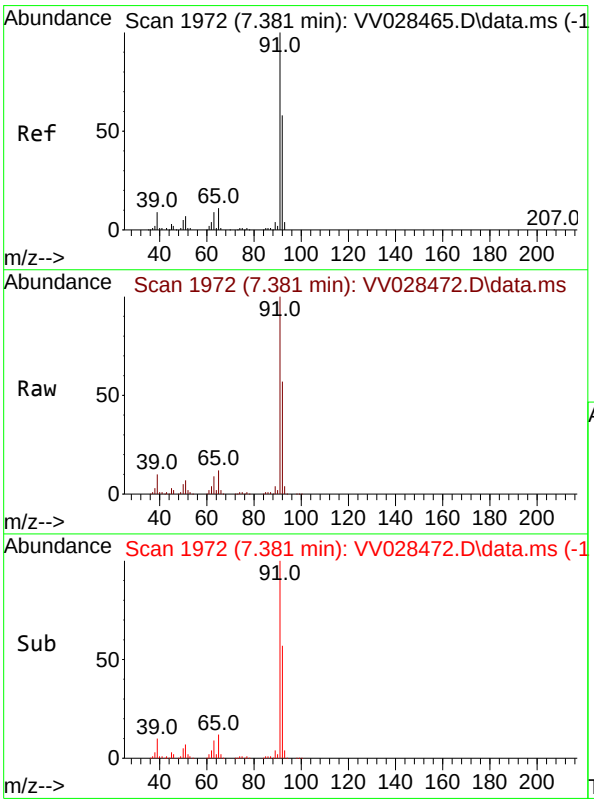


#33
Benzene
Concen: 197.602 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Instrument :
MSVOA_V
ClientSampleId :
E10036

Tgt Ion: 78 Resp: 2156611

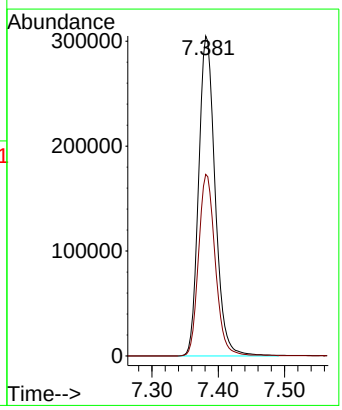


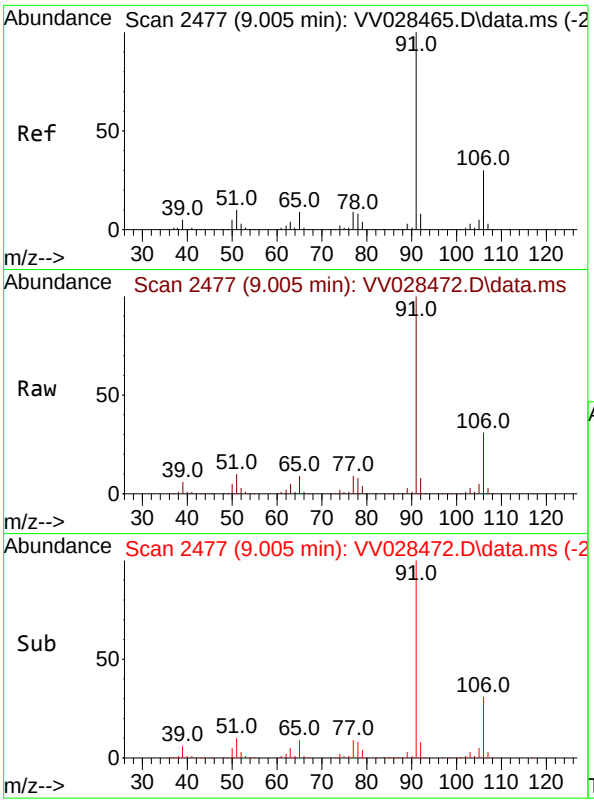


#42
Toluene
Concen: 46.817 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Tgt Ion: 91 Resp: 526663

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.9	76.0



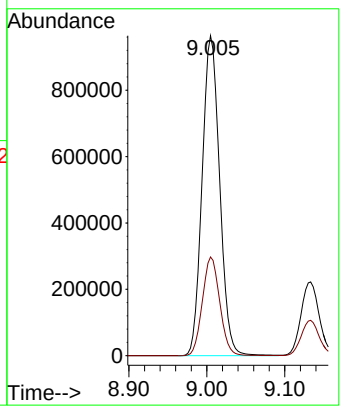


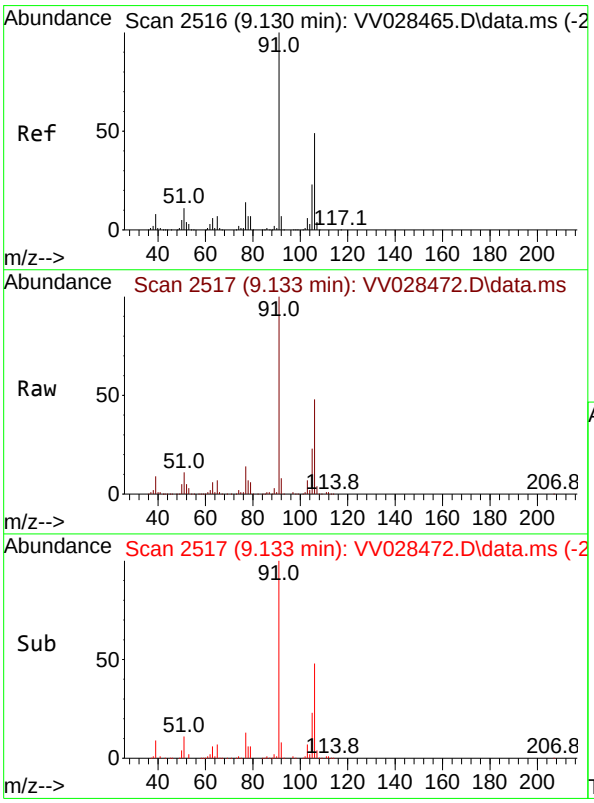
#52
Ethylbenzene
Concen: 122.942 ug/L
RT: 9.005 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Instrument :
MSVOA_V
ClientSampleId :
E10036

Tgt Ion: 91 Resp: 1507414

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.4	39.8

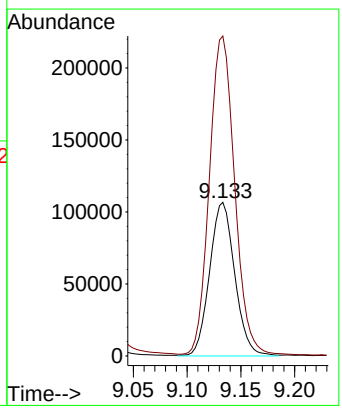


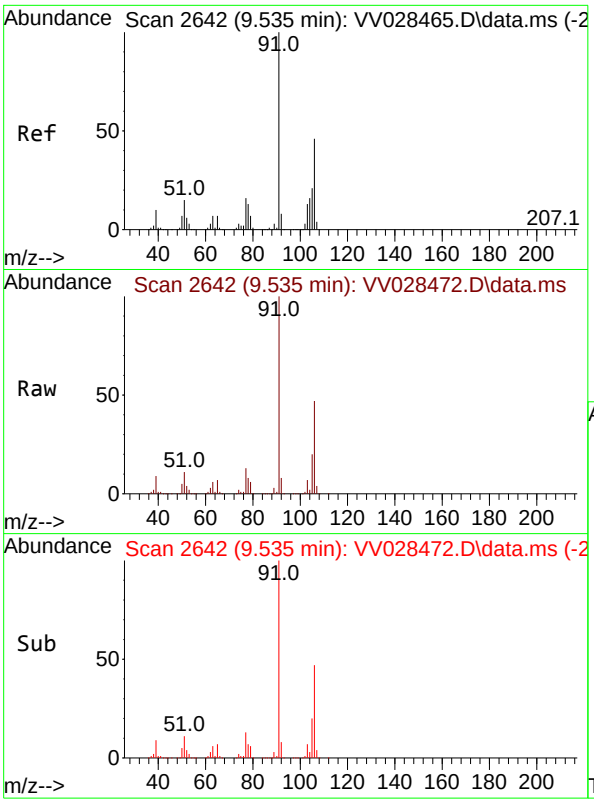


#53
m,p-Xylene
Concen: 37.346 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Tgt Ion:106 Resp: 173561

Ion	Ratio	Lower	Upper
106	100		
91	208.3	145.2	269.6



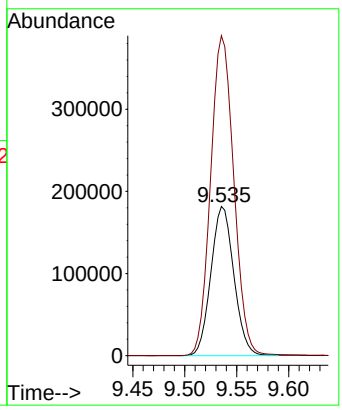


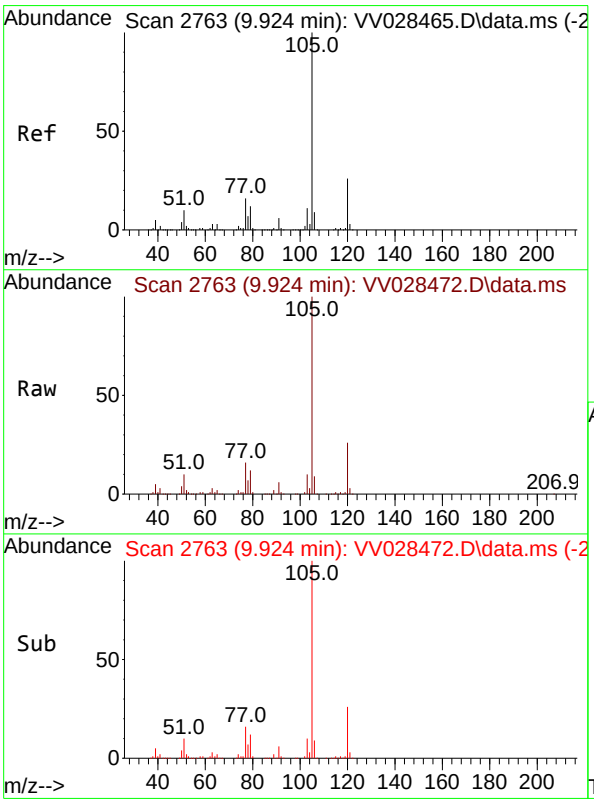
#54
o-Xylene
Concen: 60.058 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Instrument :
MSVOA_V
ClientSampleId :
E10036

Tgt Ion:106 Resp: 279470

Ion	Ratio	Lower	Upper
106	100		
91	214.4	152.5	283.3

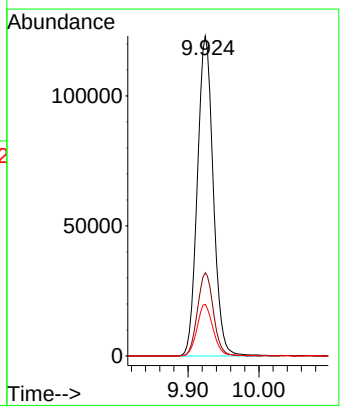


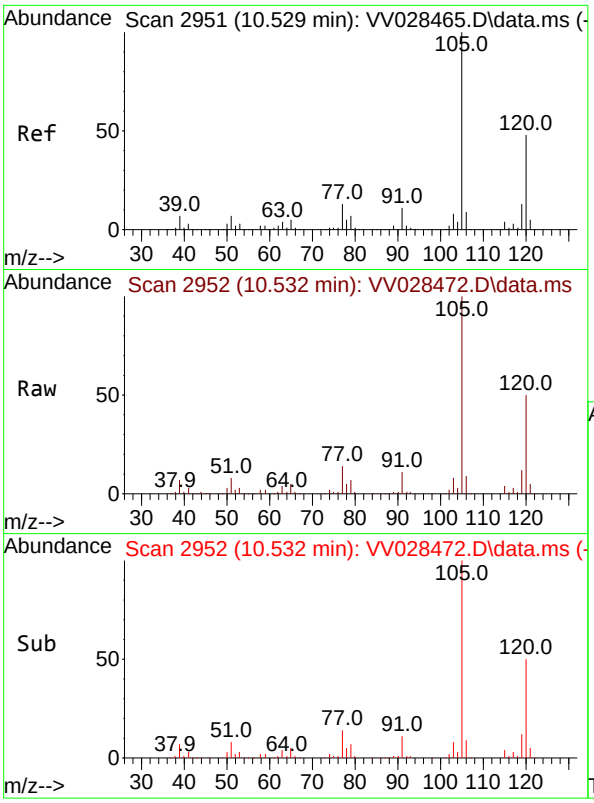


#60
Isopropylbenzene
Concen: 15.718 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Tgt Ion:105 Resp: 191250

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.5	30.7
77	16.4	12.7	19.1



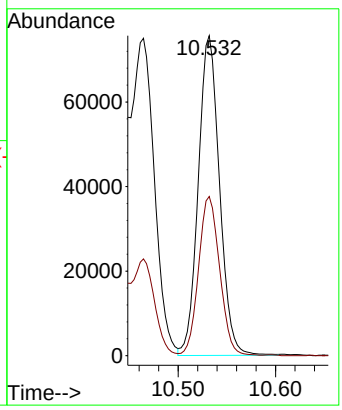


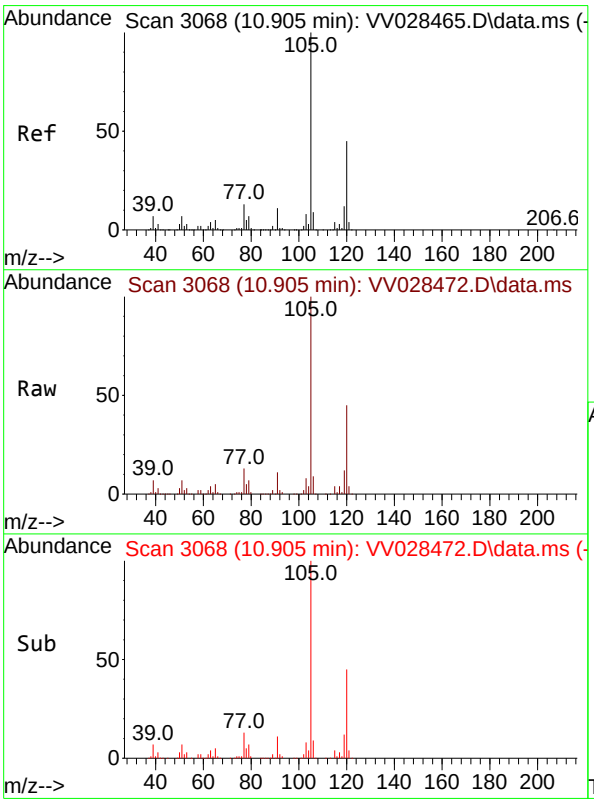
#62
1,3,5-Trimethylbenzene
Concen: 10.864 ug/L
RT: 10.532 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Instrument :
MSVOA_V
ClientSampleId :
E10036

Tgt Ion:105 Resp: 114485

Ion	Ratio	Lower	Upper
105	100		
120	49.5	39.1	58.7





#63
1,2,4-Trimethylbenzene
Concen: 23.394 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028472.D
Acq: 09 Oct 2022 05:52

Tgt Ion:105 Resp: 244709

Ion	Ratio	Lower	Upper
105	100		
120	45.4	35.9	53.9