Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028473.D
Acq On : 09 Oct 2022 06:16
Operator : SY/MD
Sample : N4923-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10037

Quant Time: Oct 10 04:54:31 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	357539	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	335675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	171308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90812	32.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.840%		
7) Chloroethane-d5	1.568	69	76869	35.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.280%		
11) 1,1-Dichloroethene-d2	2.105	63	129062	27.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.980%#		
21) 2-Butanone-d5	3.905	46	170788	70.718	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.720%		
24) Chloroform-d	4.342	84	222293	43.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.860%		
26) 1,2-Dichloroethane-d4	5.027	65	148512	45.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.020%		
32) Benzene-d6	5.043	84	458895	42.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.320%		
36) 1,2-Dichloropropane-d6	6.066	67	145396	41.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.920%		
41) Toluene-d8	7.310	98	411461	42.726	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.460%		
43) trans-1,3-Dichloroprop...	7.616	79	69327	38.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.560%		
47) 2-Hexanone-d5	8.085	63	147571	77.355	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.350%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	192746	40.164	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.320%		
66) 1,2-Dichlorobenzene-d4	11.615	152	152492	42.960	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.920%		
Target Compounds						Qvalue
33) Benzene	5.092	78	2071666	187.649	ug/L	100
42) Toluene	7.381	91	468590	41.178	ug/L	100
52) Ethylbenzene	9.005	91	1457874	117.543	ug/L	100
53) m,p-Xylene	9.133	106	154374	32.838	ug/L	99
54) o-Xylene	9.535	106	263397	55.957	ug/L	99
60) Isopropylbenzene	9.924	105	191095	15.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	105266	9.846	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	208904	19.686	ug/L	98

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

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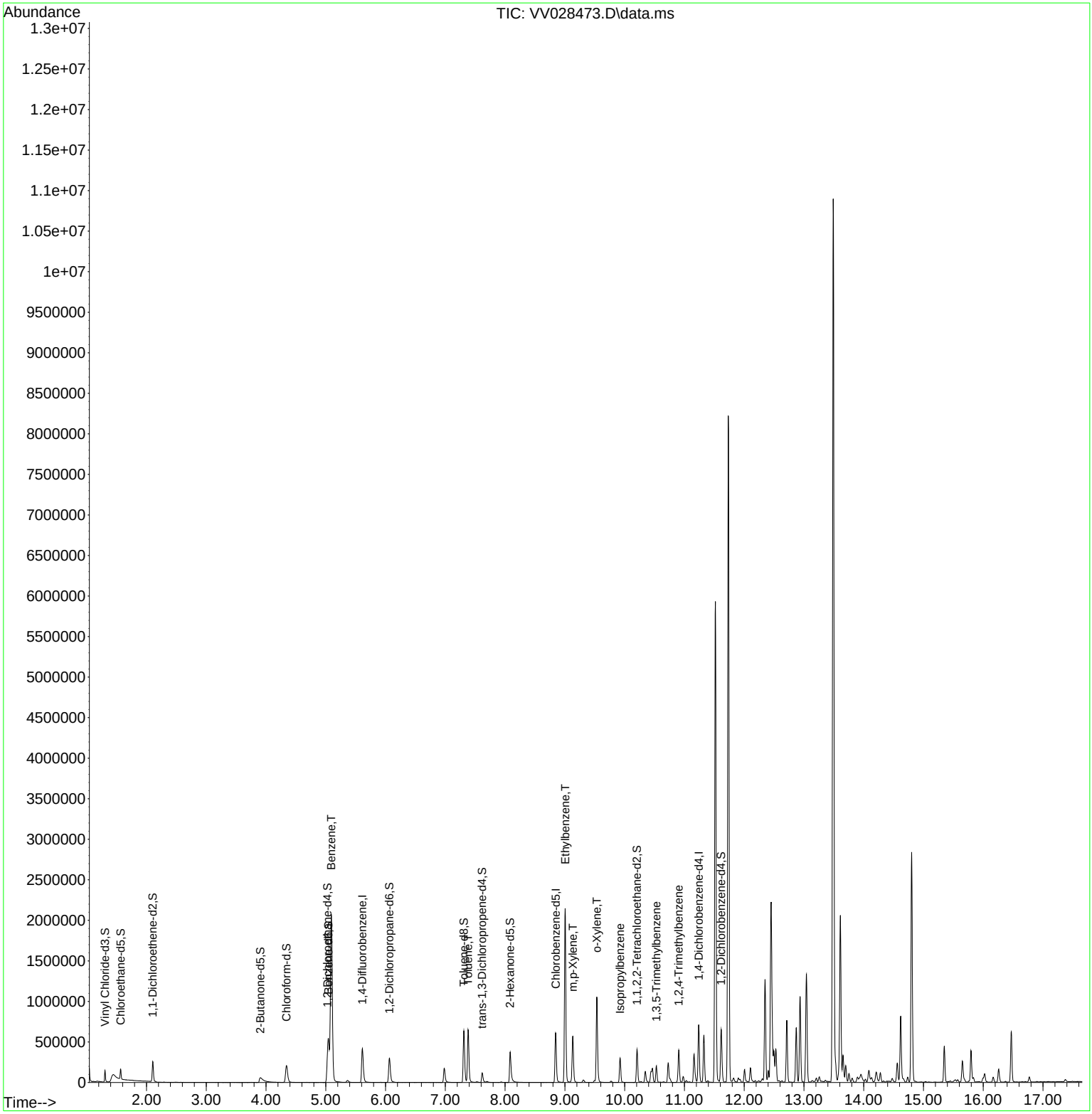
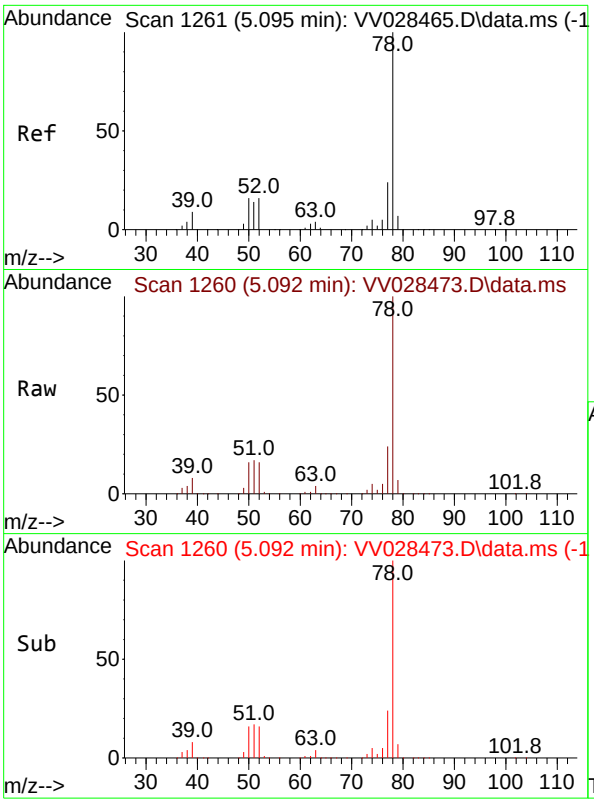
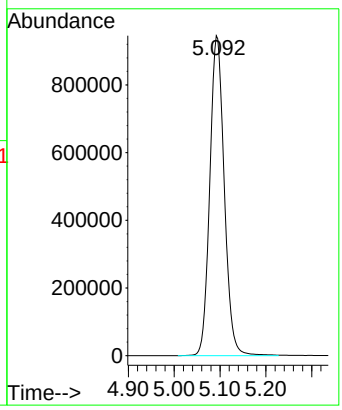


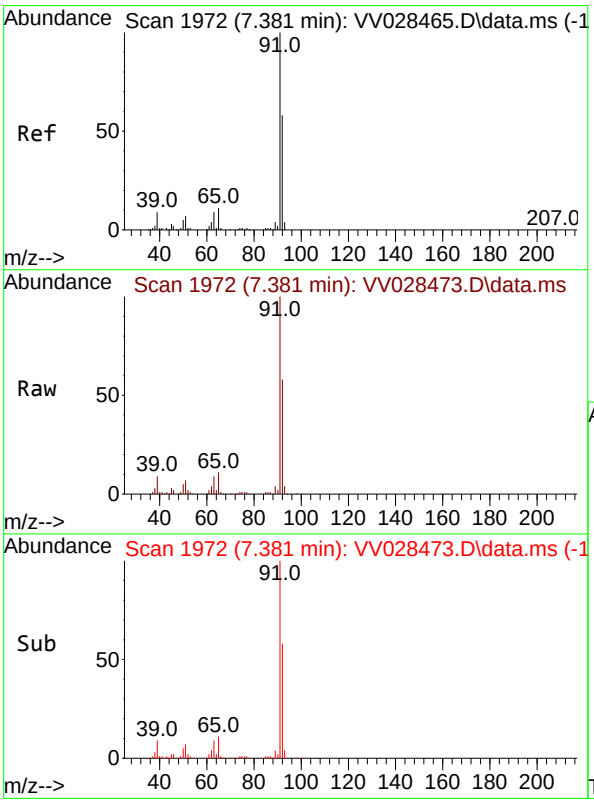


#33
Benzene
Concen: 187.649 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Instrument :
MSVOA_V
ClientSampleId :
E10037

Tgt Ion: 78 Resp: 2071666

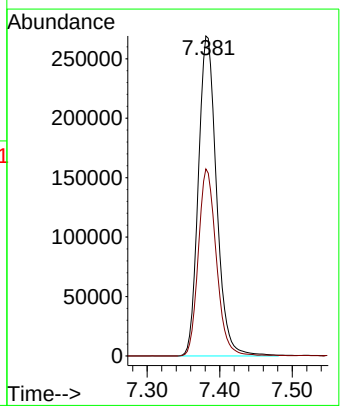


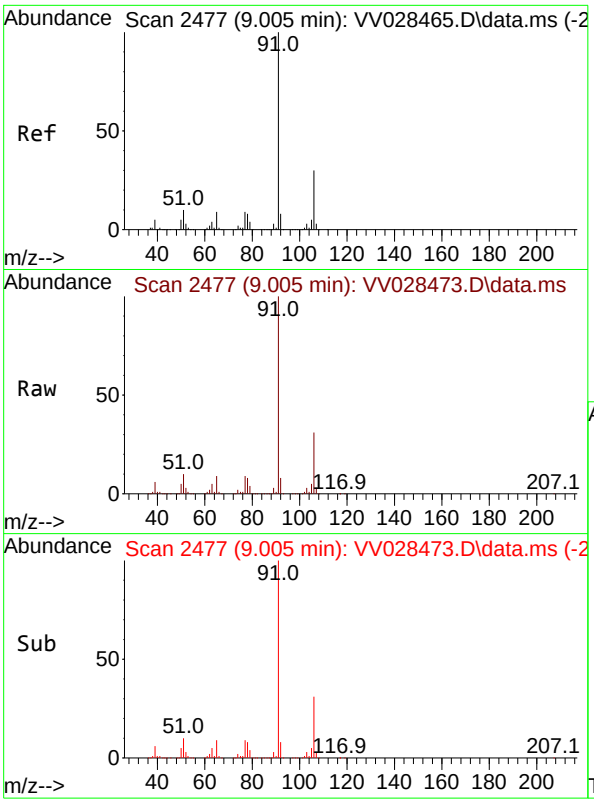


#42
Toluene
Concen: 41.178 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Tgt Ion: 91 Resp: 468590

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.9	76.0



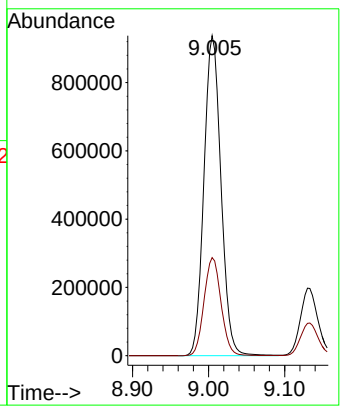


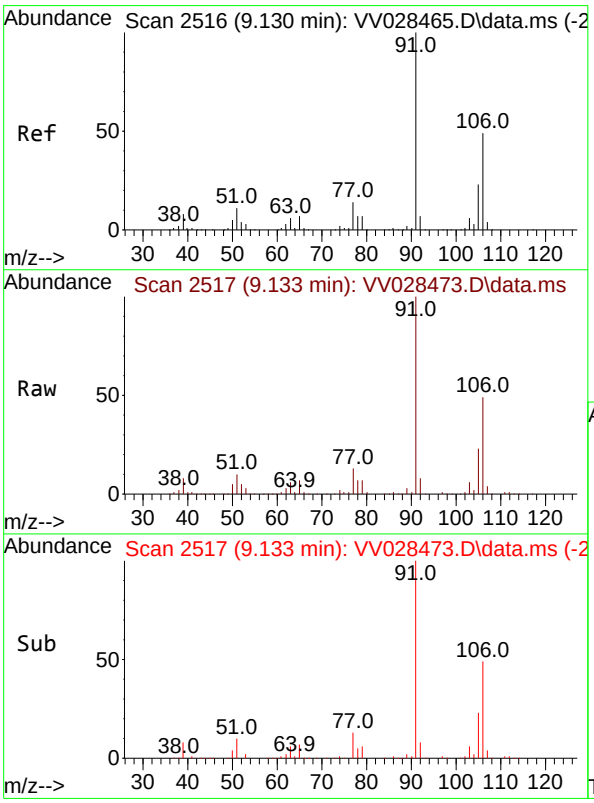
#52
Ethylbenzene
Concen: 117.543 ug/L
RT: 9.005 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Instrument :
MSVOA_V
ClientSampleId :
E10037

Tgt Ion: 91 Resp: 1457874

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.4	39.8

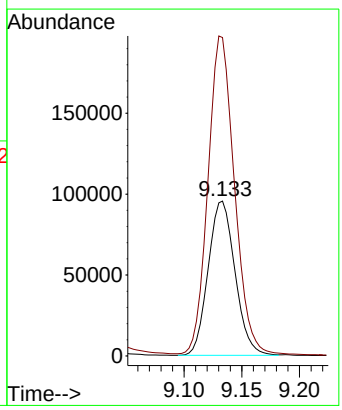


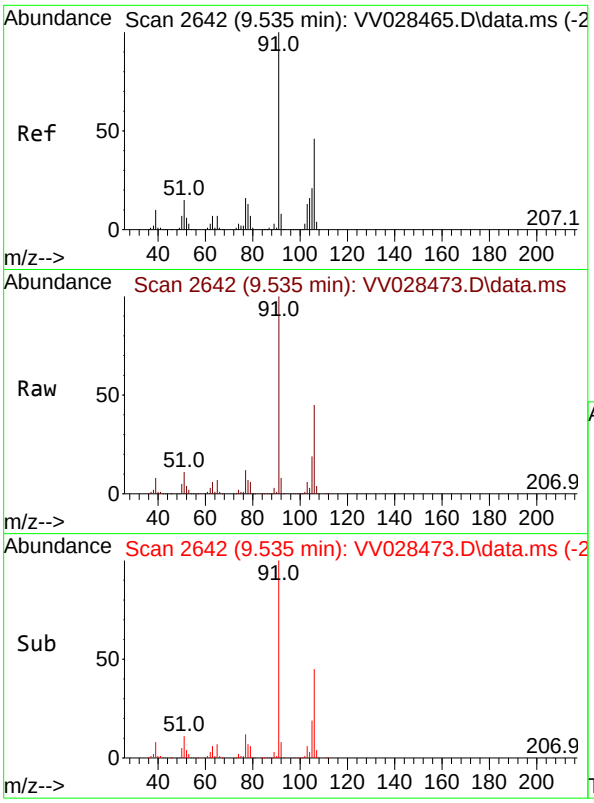


#53
m,p-Xylene
Concen: 32.838 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Tgt Ion:106 Resp: 154374

Ion	Ratio	Lower	Upper
106	100		
91	205.6	145.2	269.6



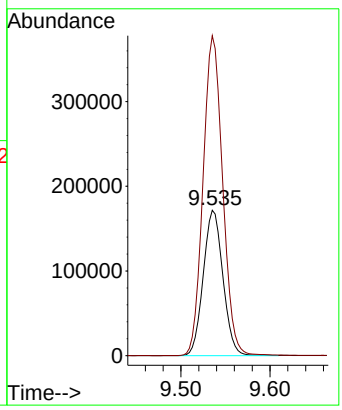


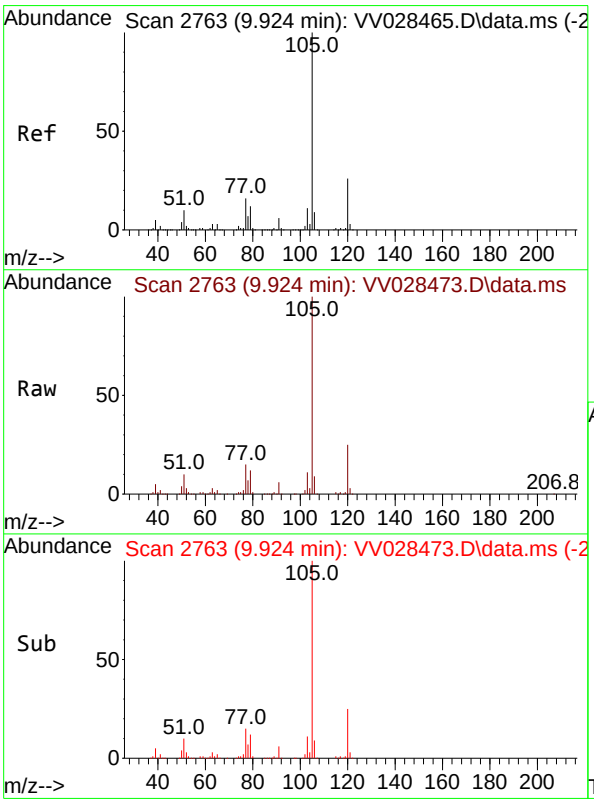
#54
o-Xylene
Concen: 55.957 ug/L
RT: 9.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Instrument :
MSVOA_V
ClientSampleId :
E10037

Tgt Ion:106 Resp: 263397

Ion	Ratio	Lower	Upper
106	100		
91	220.1	152.5	283.3

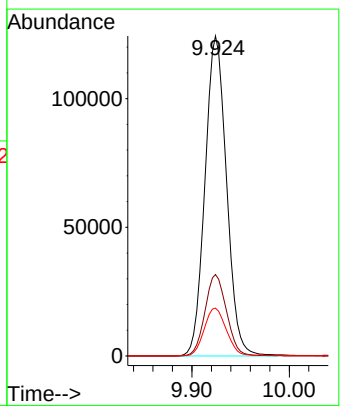


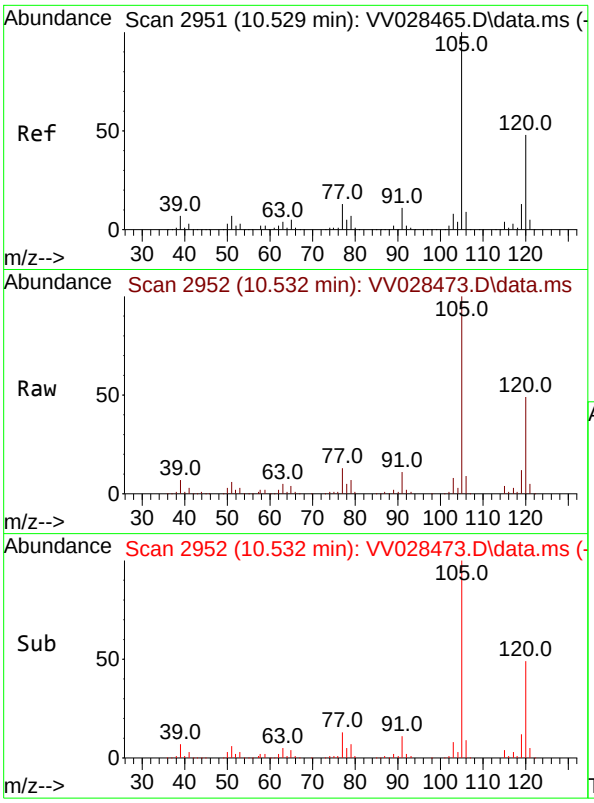


#60
Isopropylbenzene
Concen: 15.480 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Tgt Ion:105 Resp: 191095

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	15.4	12.7	19.1



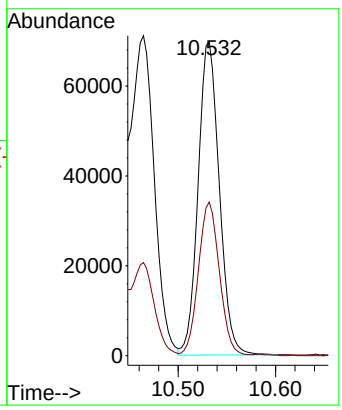


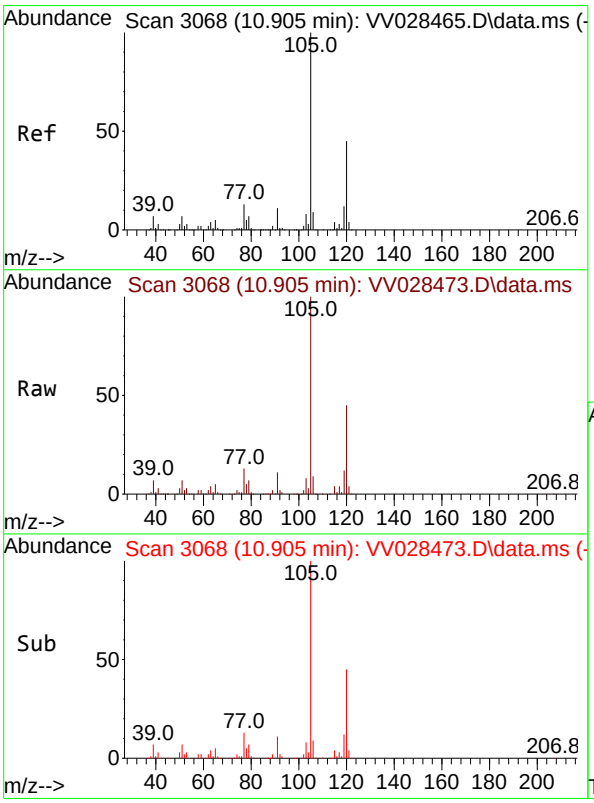
#62
1,3,5-Trimethylbenzene
Concen: 9.846 ug/L
RT: 10.532 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Instrument :
MSVOA_V
ClientSampleId :
E10037

Tgt Ion:105 Resp: 105266

Ion	Ratio	Lower	Upper
105	100		
120	48.8	39.1	58.7





#63
1,2,4-Trimethylbenzene
Concen: 19.686 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028473.D
Acq: 09 Oct 2022 06:16

Tgt Ion:105 Resp: 208904

Ion	Ratio	Lower	Upper
105	100		
120	45.9	35.9	53.9