

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028486.D
 Acq On : 09 Oct 2022 15:07
 Operator : SY/MD
 Sample : N4923-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10044

Quant Time: Oct 10 05:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

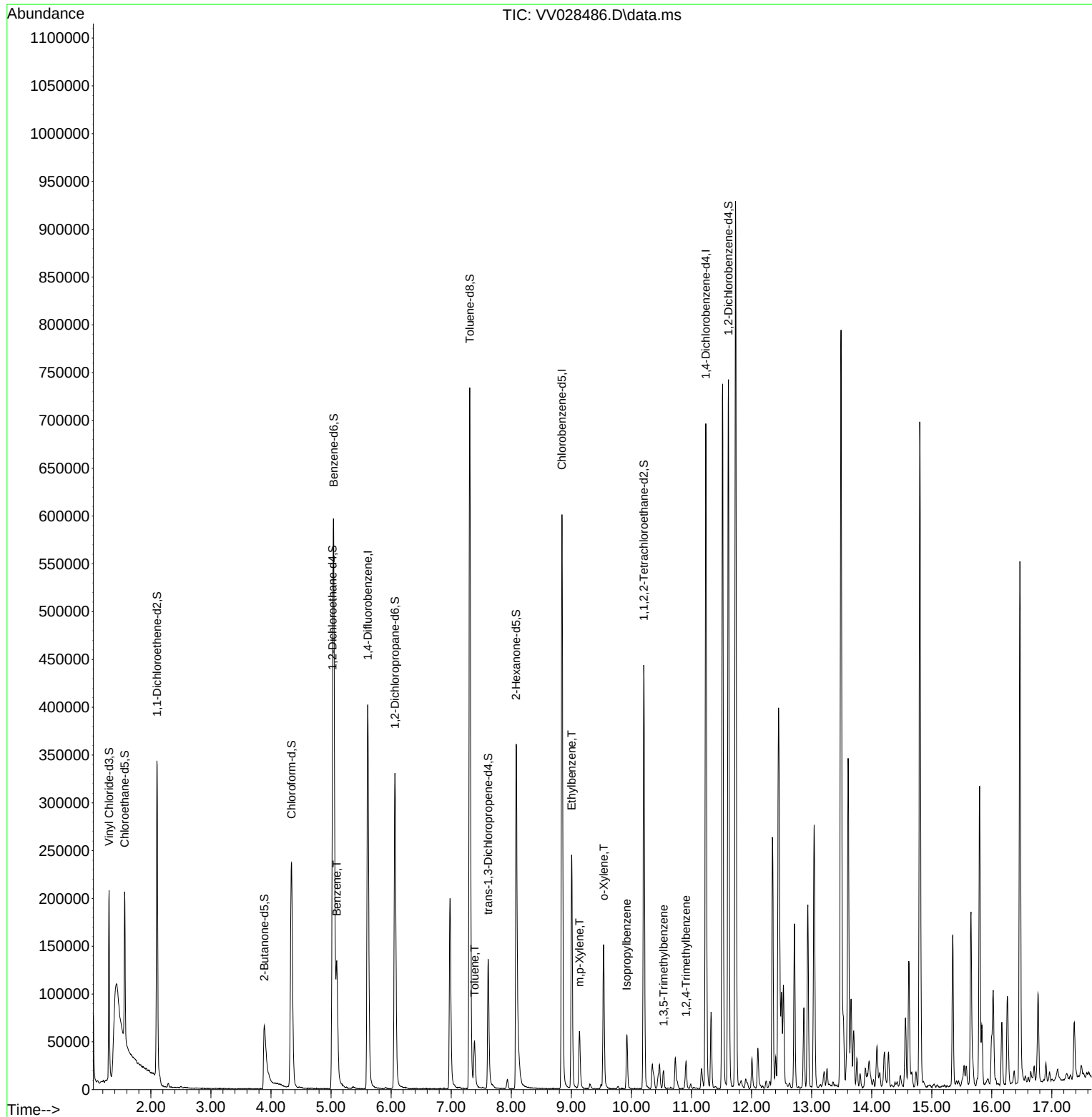
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	354903	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	323442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	173443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128579	46.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.900%
7) Chloroethane-d5	1.564	69	97378	44.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.700%
11) 1,1-Dichloroethene-d2	2.101	63	170756	36.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.280%
21) 2-Butanone-d5	3.889	46	150785	62.899	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.900%
24) Chloroform-d	4.342	84	246955	49.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
26) 1,2-Dichloroethane-d4	5.024	65	163442	50.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
32) Benzene-d6	5.043	84	518251	50.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.063	67	159013	47.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.310	98	481069	51.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
43) trans-1,3-Dichloroprop...	7.616	79	78820	45.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.520%
47) 2-Hexanone-d5	8.082	63	152466	82.943	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	209109	45.222	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	11.615	152	183831	51.151	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.300%
Target Compounds						
					Qvalue	
33) Benzene	5.095	78	133039	12.506	ug/L	100
42) Toluene	7.387	91	36782	3.355	ug/L	96
52) Ethylbenzene	9.005	91	168767	14.122	ug/L	98
53) m,p-Xylene	9.136	106	16333	3.606	ug/L	97
54) o-Xylene	9.538	106	39753	8.765	ug/L	97
60) Isopropylbenzene	9.924	105	37160	2.973	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	10862	1.003	ug/L	94
63) 1,2,4-Trimethylbenzene	10.908	105	14528	1.352	ug/L	96

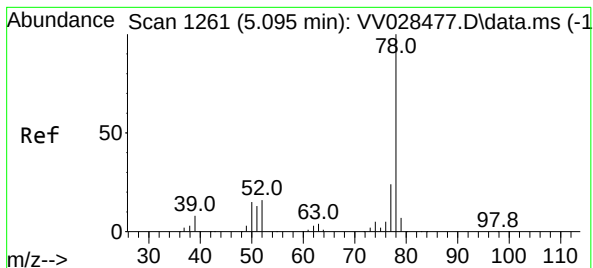
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 10 05:21:45 2022
Response via : Initial Calibration





#33

Benzene

Concen: 12.506 ug/L

RT: 5.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028486.D

Acq: 09 Oct 2022 15:07

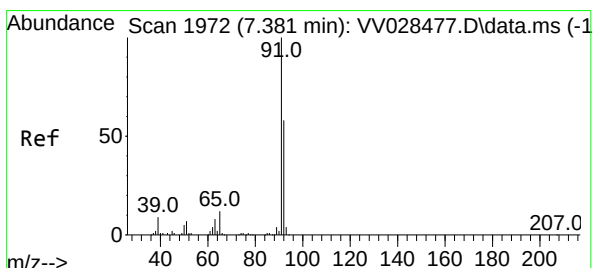
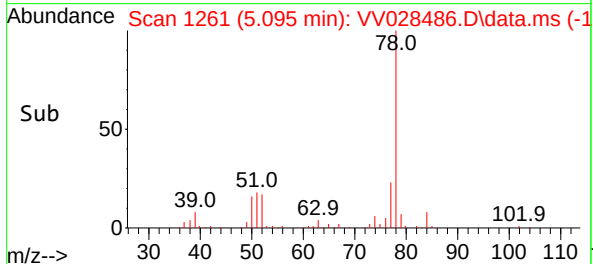
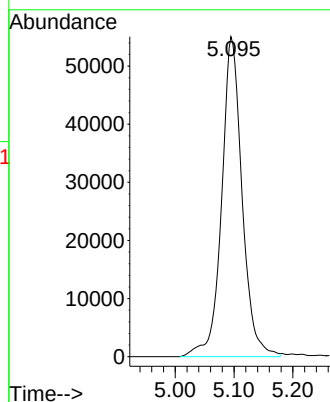
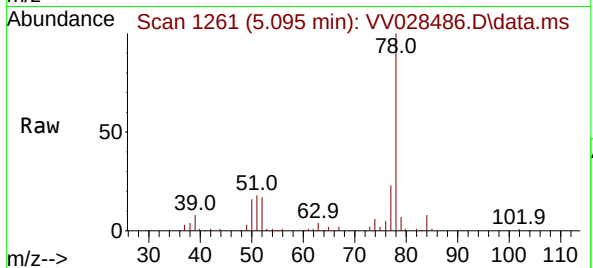
Instrument :

MSVOA_V

ClientSampleId :

E10044

Tgt Ion: 78 Resp: 133039



#42

Toluene

Concen: 3.355 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV028486.D

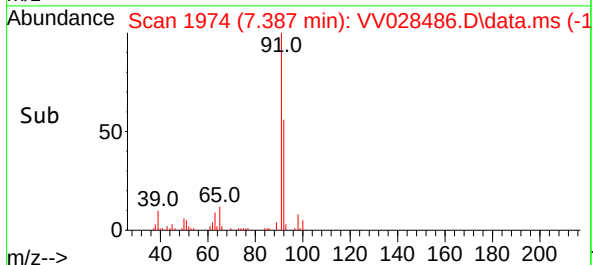
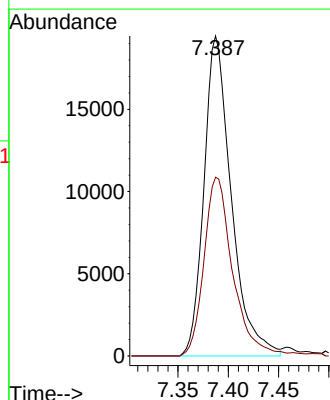
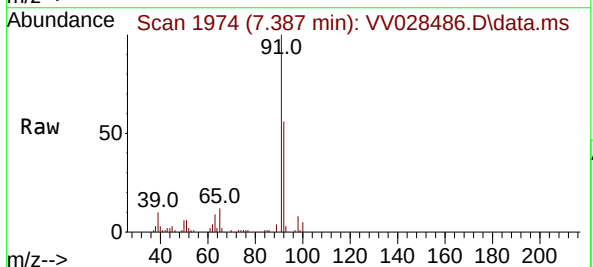
Acq: 09 Oct 2022 15:07

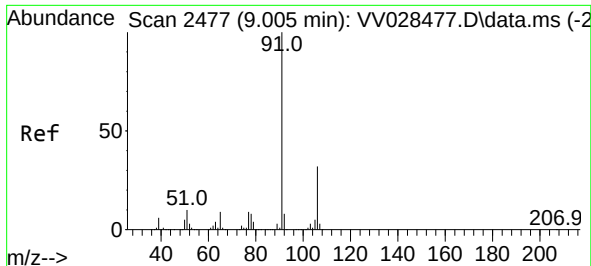
Tgt Ion: 91 Resp: 36782

Ion Ratio Lower Upper

91 100

92 55.9 40.9 76.0





#52

Ethylbenzene

Concen: 14.122 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028486.D

Acq: 09 Oct 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

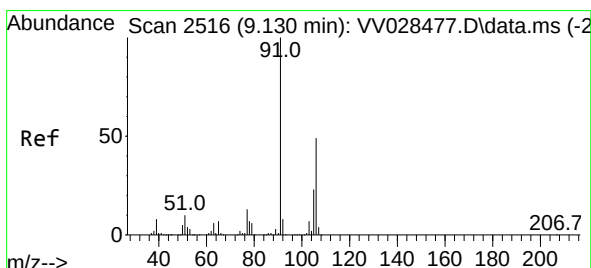
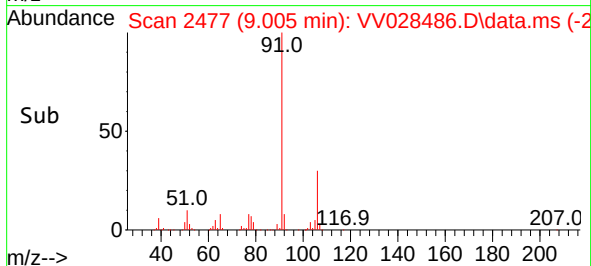
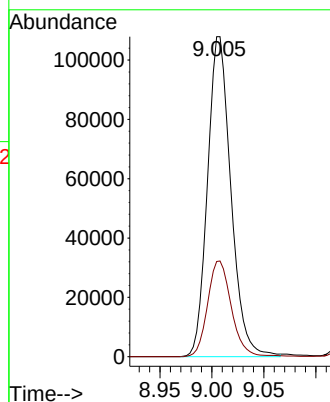
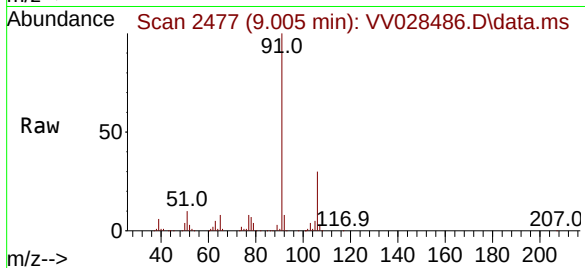
E10044

Tgt Ion: 91 Resp: 168767

Ion Ratio Lower Upper

91 100

106 29.7 21.4 39.8



#53

m,p-Xylene

Concen: 3.606 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VV028486.D

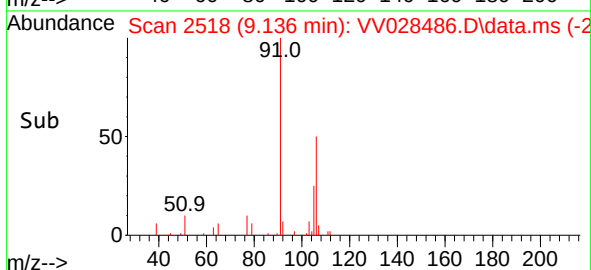
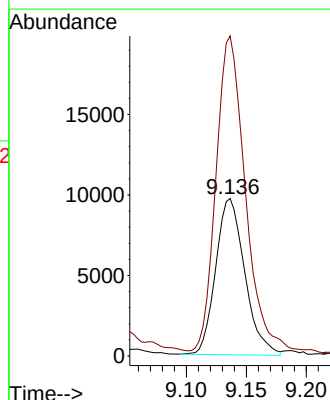
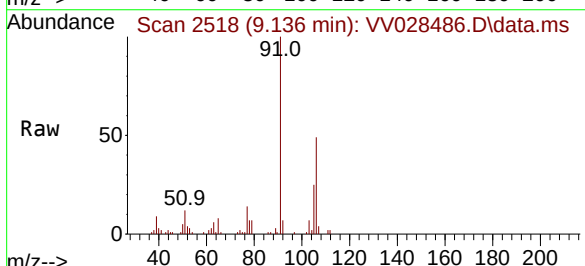
Acq: 09 Oct 2022 15:07

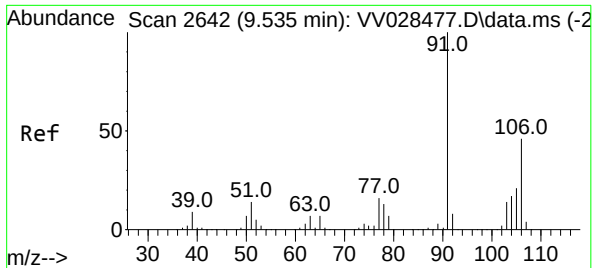
Tgt Ion:106 Resp: 16333

Ion Ratio Lower Upper

106 100

91 203.3 145.2 269.6

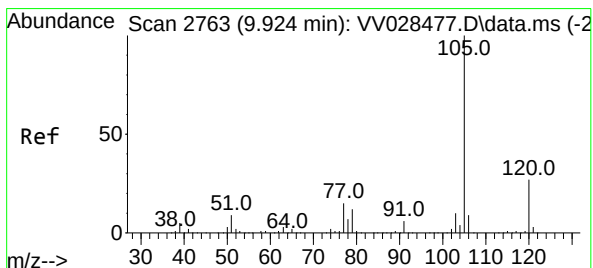
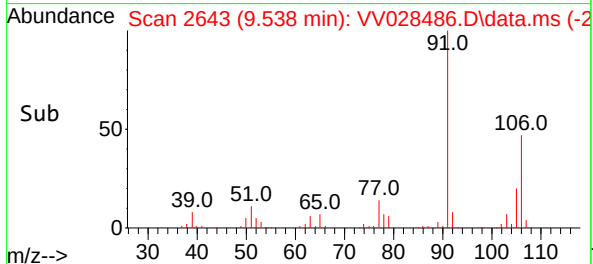
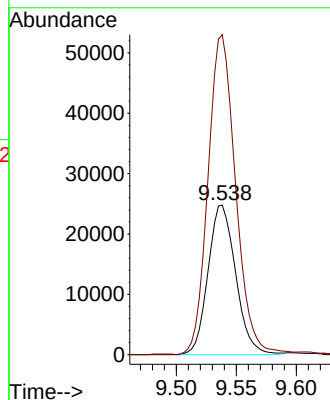
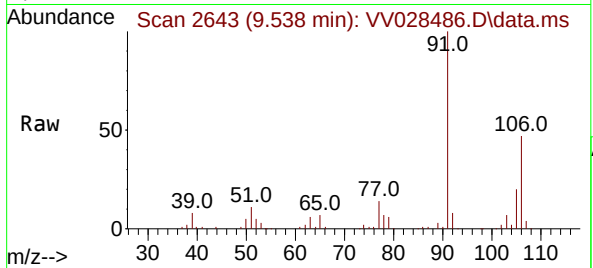




#54
o-Xylene
Concen: 8.765 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

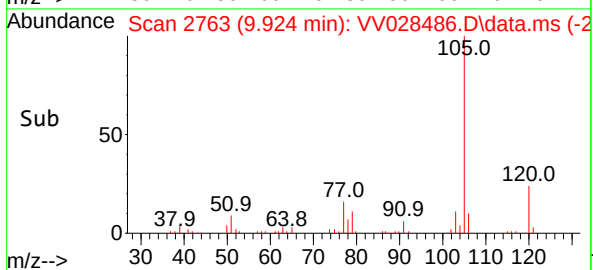
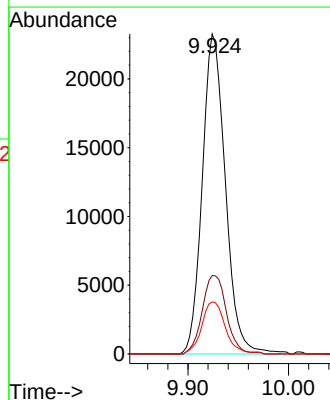
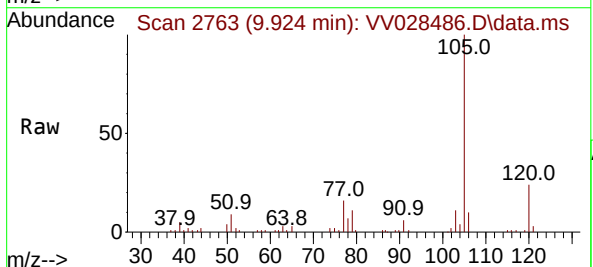
Instrument :
MSVOA_V
ClientSampleId :
E10044

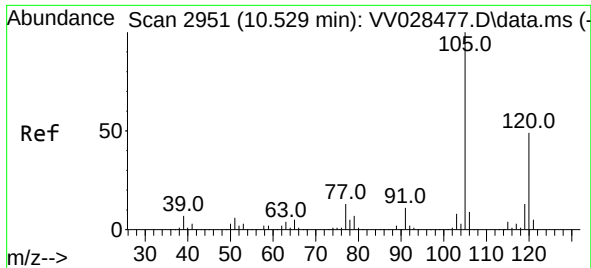
Tgt Ion:106 Resp: 39753
Ion Ratio Lower Upper
106 100
91 213.8 152.5 283.3



#60
Isopropylbenzene
Concen: 2.973 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

Tgt Ion:105 Resp: 37160
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.5 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 1.003 ug/L

RT: 10.535 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VV028486.D

Acq: 09 Oct 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

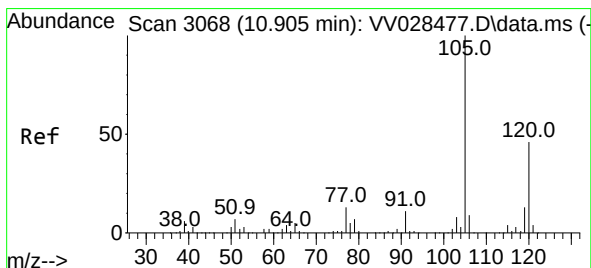
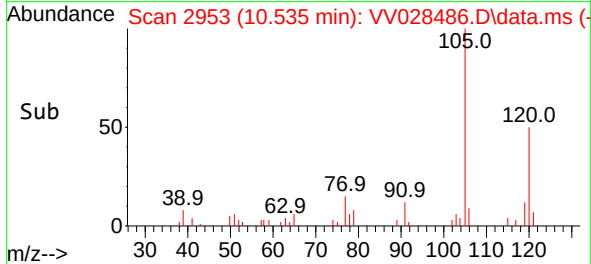
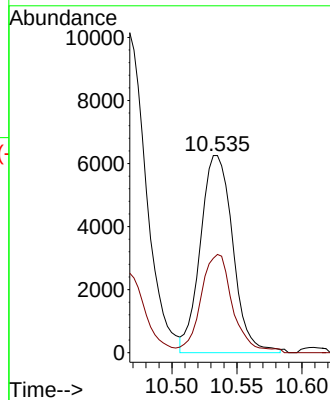
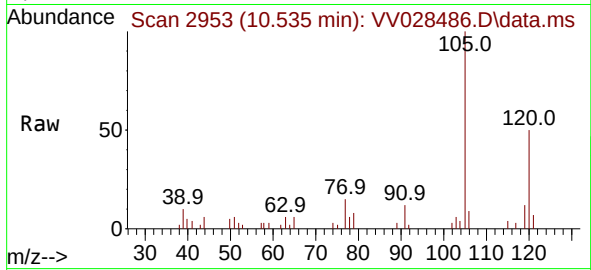
E10044

Tgt Ion:105 Resp: 10862

Ion Ratio Lower Upper

105 100

120 44.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 1.352 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028486.D

Acq: 09 Oct 2022 15:07

Tgt Ion:105 Resp: 14528

Ion Ratio Lower Upper

105 100

120 47.5 35.9 53.9

