

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028482.D
 Acq On : 09 Oct 2022 13:30
 Operator : SY/MD
 Sample : N4923-01DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007DL

Quant Time: Oct 10 05:26:47 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	363081	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	334073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	171463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150591	53.753	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	107.500%	
7) Chloroethane-d5	1.564	69	111144	50.033	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	100.060%	
11) 1,1-Dichloroethene-d2	2.101	63	185973	39.004	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	78.000%	
21) 2-Butanone-d5	3.892	46	190235	77.568	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	77.570%	
24) Chloroform-d	4.339	84	260324	50.665	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.320%	
26) 1,2-Dichloroethane-d4	5.024	65	175573	52.984	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.960%	
32) Benzene-d6	5.043	84	554375	51.787	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.580%	
36) 1,2-Dichloropropane-d6	6.063	67	168568	48.297	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	96.600%	
41) Toluene-d8	7.310	98	502719	52.453	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.900%	
43) trans-1,3-Dichloroprop...	7.616	79	88061	49.501	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.000%	
47) 2-Hexanone-d5	8.085	63	170845	89.984	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	223627	46.823	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	93.640%	
66) 1,2-Dichlorobenzene-d4	11.615	152	185057	52.087	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.180%	

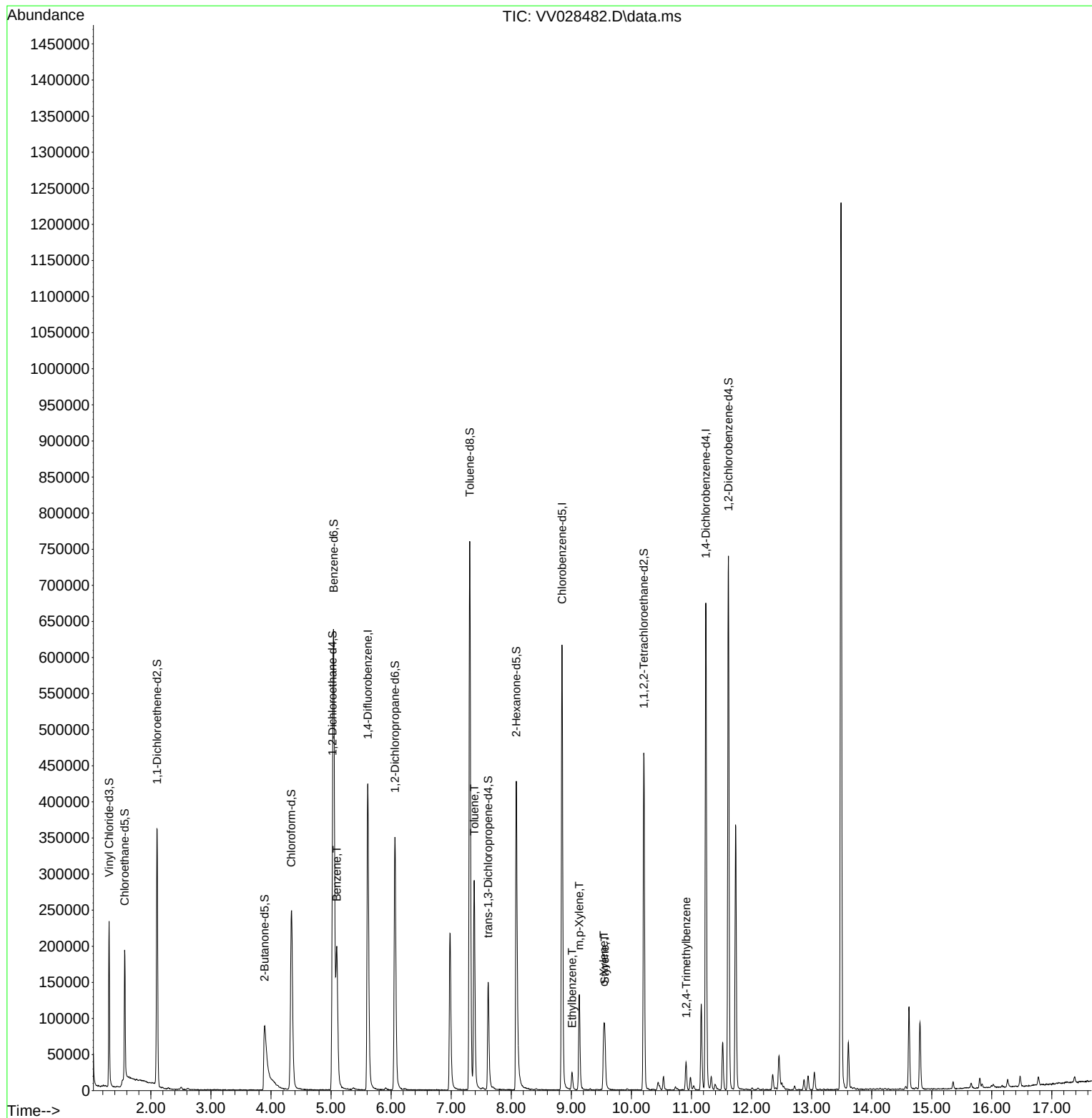
Target Compounds						Qvalue
33) Benzene	5.095	78	199114	18.122	ug/L	100
42) Toluene	7.384	91	207998	18.366	ug/L	99
52) Ethylbenzene	9.011	91	16861	1.366	ug/L	97
53) m,p-Xylene	9.133	106	36543	7.811	ug/L	98
54) o-Xylene	9.538	106	18077	3.859	ug/L	90
55) Styrene	9.558	104	39191	4.871	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	20736	1.952	ug/L	96

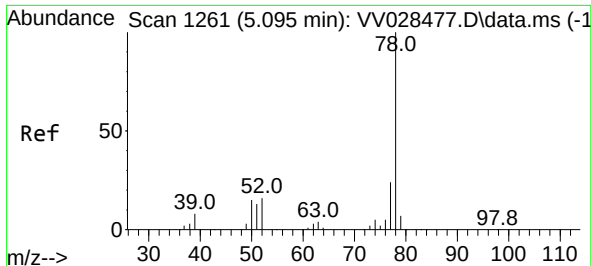
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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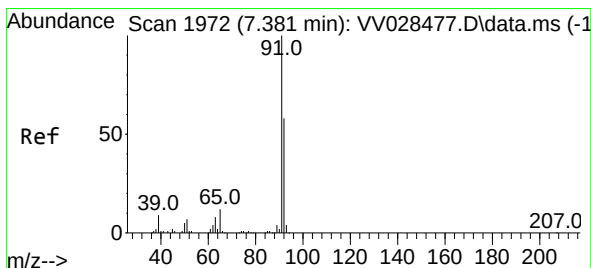
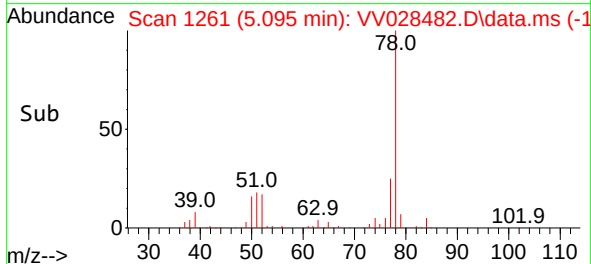
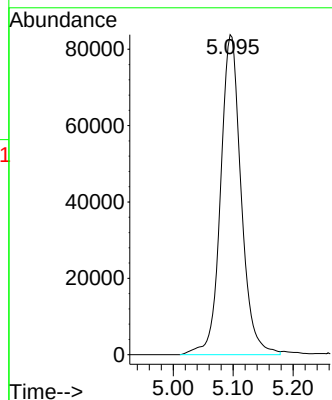
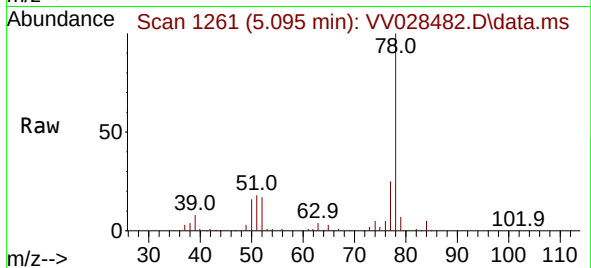




#33
Benzene
Concen: 18.122 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

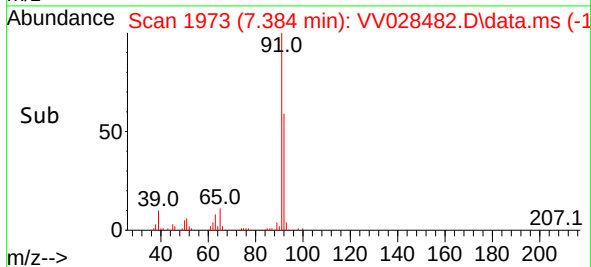
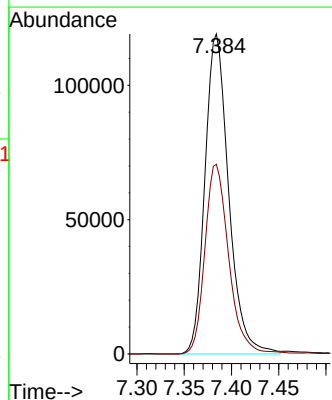
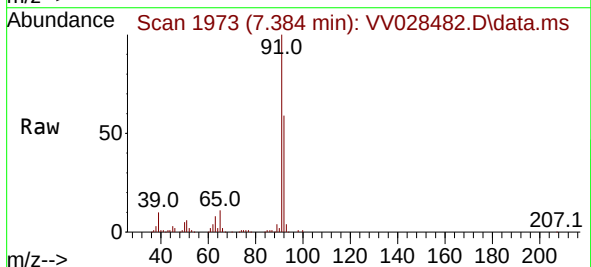
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MSVOA_V
ClientSampleId :
E10007DL

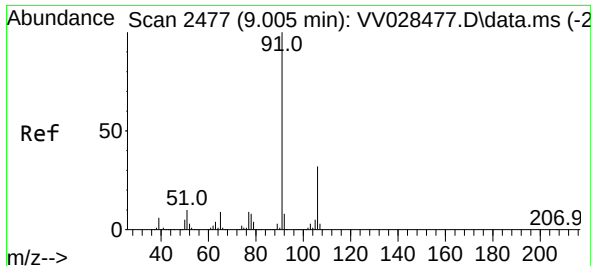
Tgt Ion: 78 Resp: 199114



#42
Toluene
Concen: 18.366 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion: 91 Resp: 207998
Ion Ratio Lower Upper
91 100
92 59.3 40.9 76.0

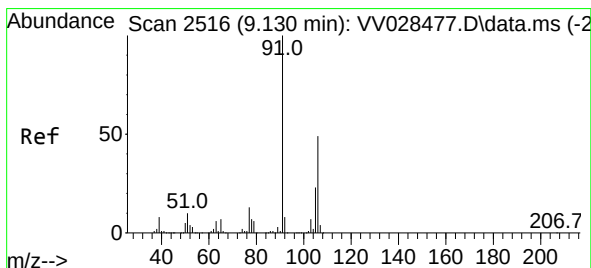
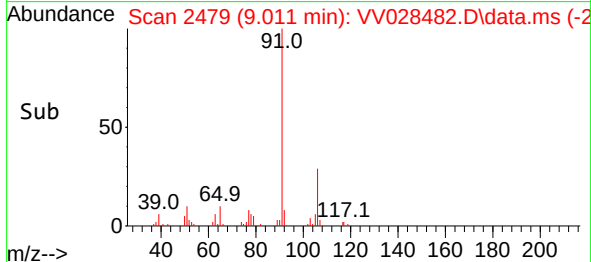
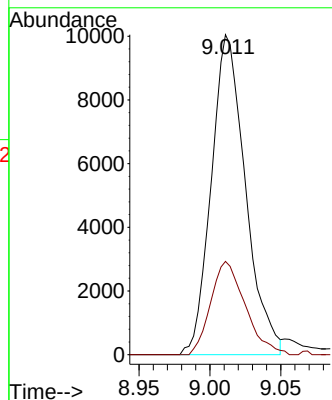
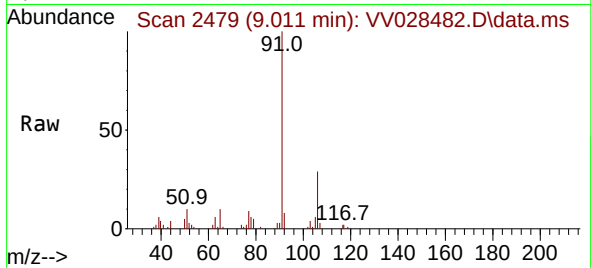




#52
Ethylbenzene
Concen: 1.366 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

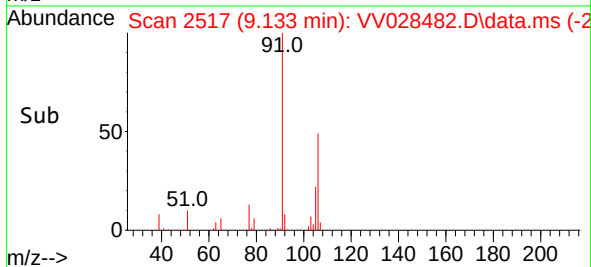
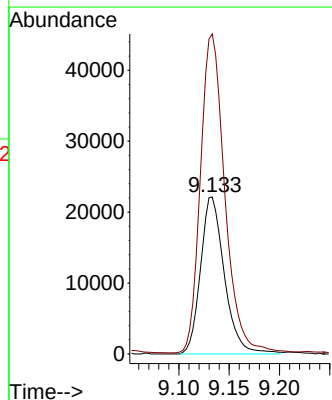
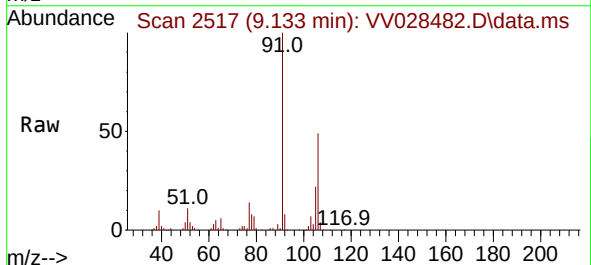
Instrument :
MSVOA_V
ClientSampleId :
E10007DL

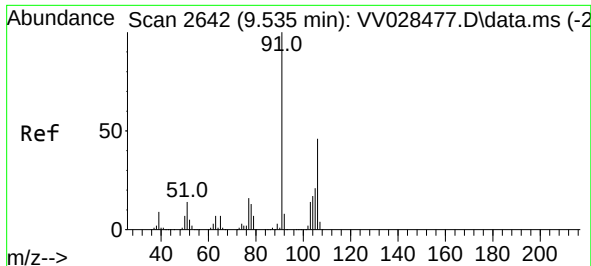
Tgt Ion: 91 Resp: 16861
Ion Ratio Lower Upper
91 100
106 29.1 21.4 39.8



#53
m,p-Xylene
Concen: 7.811 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion: 106 Resp: 36543
Ion Ratio Lower Upper
106 100
91 203.8 145.2 269.6

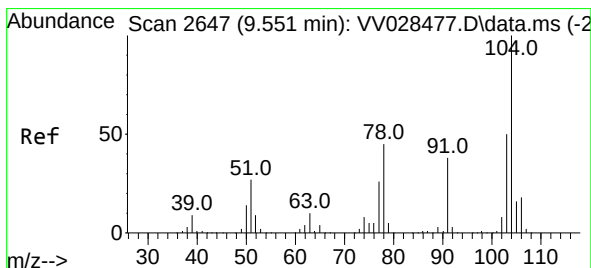
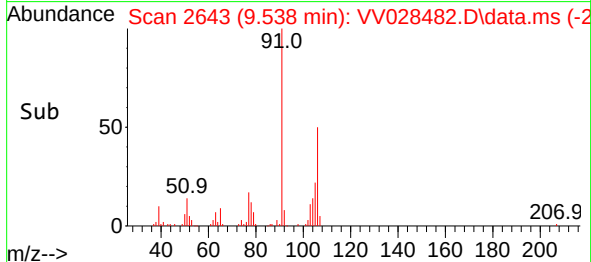
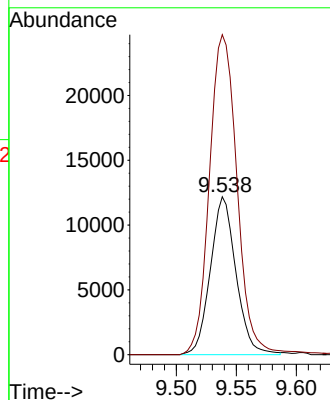
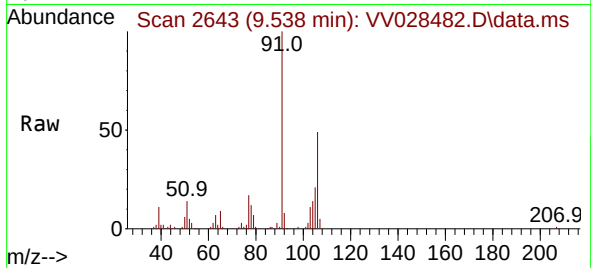




#54
o-Xylene
Concen: 3.859 ug/L
RT: 9.538 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

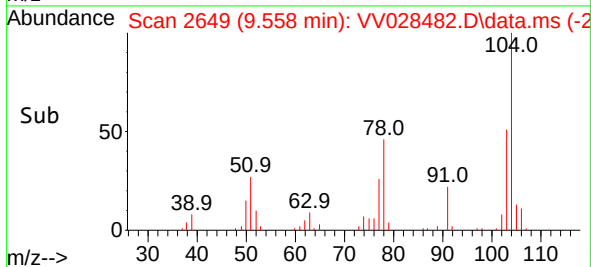
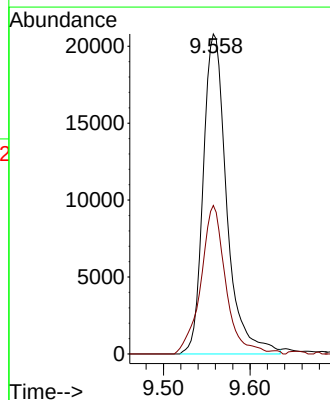
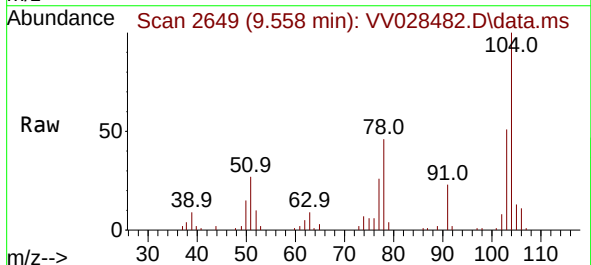
Instrument :
MSVOA_V
ClientSampleId :
E10007DL

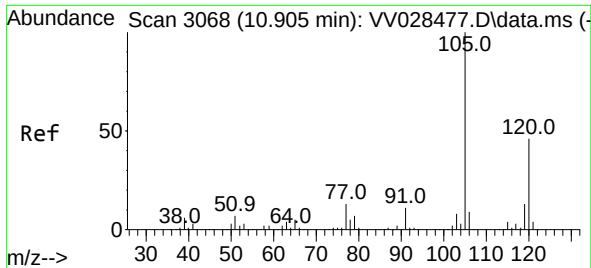
Tgt Ion:106 Resp: 18077
Ion Ratio Lower Upper
106 100
91 202.7 152.5 283.3



#55
Styrene
Concen: 4.871 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion:104 Resp: 39191
Ion Ratio Lower Upper
104 100
78 46.4 31.9 59.2





#63
 1,2,4-Trimethylbenzene
 Concen: 1.952 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.006 min
 Lab File: VV028482.D
 Acq: 09 Oct 2022 13:30

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007DL

Tgt Ion:105 Resp: 20736
 Ion Ratio Lower Upper
 105 100
 120 42.1 35.9 53.9

