

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
 Data File : VV028578.D
 Acq On : 17 Oct 2022 11:03
 Operator : SY/MD
 Sample : N5163-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD716

Quant Time: Oct 18 01:21:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

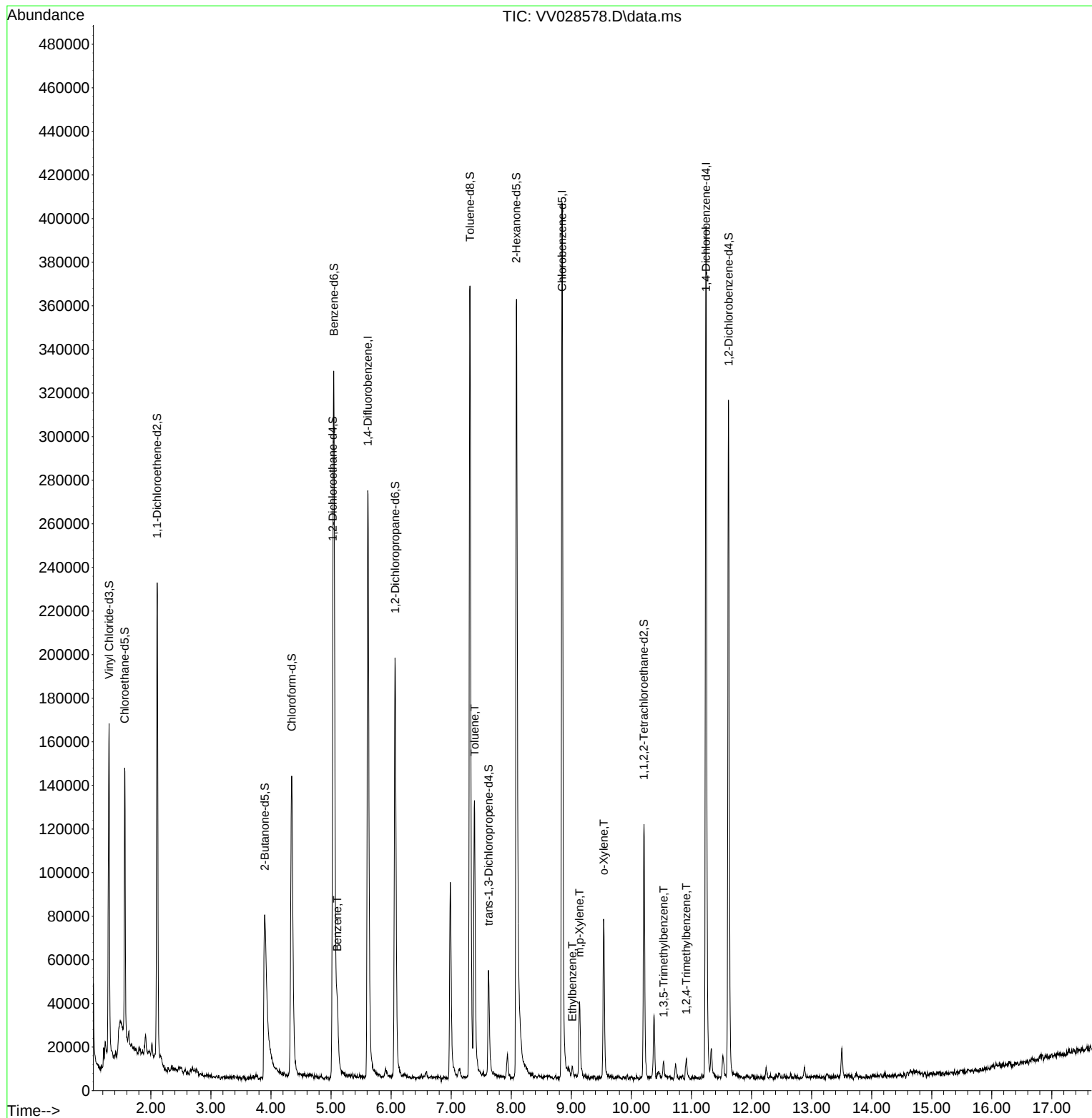
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	224479	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	206614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	97491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87186	4.513	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.564	69	77710	4.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.105	63	121055	3.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.896	46	185135	44.576	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.160%	
24) Chloroform-d	4.346	84	137696	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.031	65	72367	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.047	84	281806	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.066	67	94719	4.400	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.313	98	239495	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.622	79	30549	4.200	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.085	63	139429	44.416	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.840%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	57596	4.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.619	152	74462	4.629	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
33) Benzene	5.101	78	31708	0.434	ug/L	100
42) Toluene	7.387	91	93017	1.358	ug/L	96
52) Ethylbenzene	9.014	91	2887	0.038	ug/L #	83
53) m,p-Xylene	9.136	106	9451	0.332	ug/L	94
54) o-Xylene	9.538	106	19400	0.703	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	3110	0.145	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	4520	0.077	ug/L	100

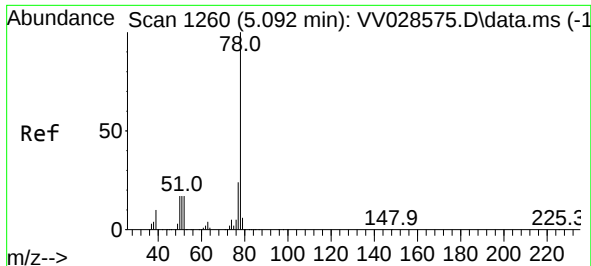
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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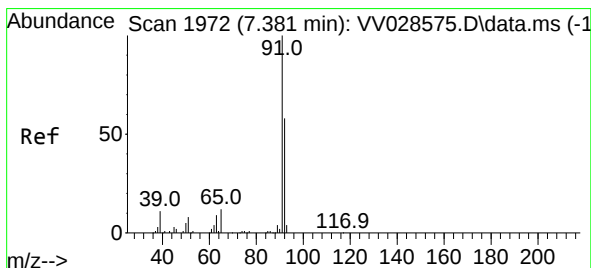
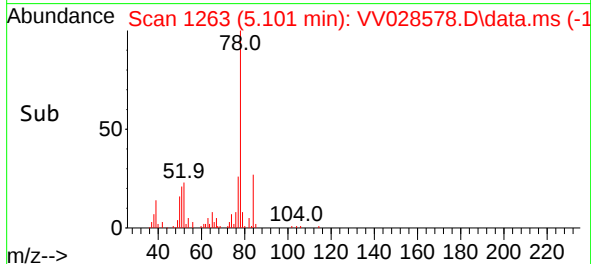
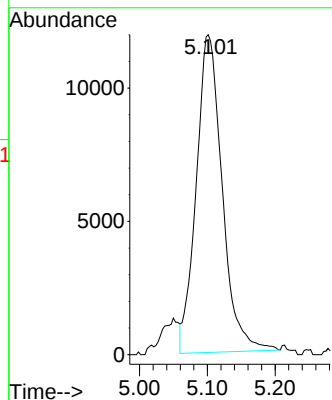
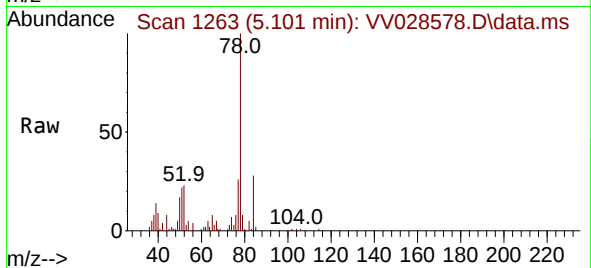




#33
Benzene
Concen: 0.434 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

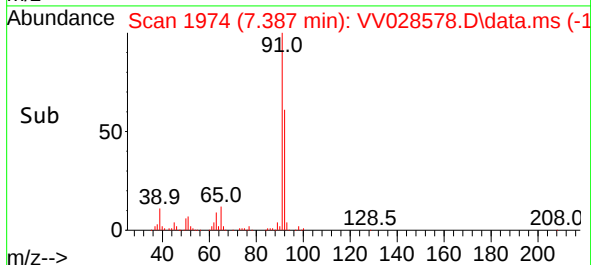
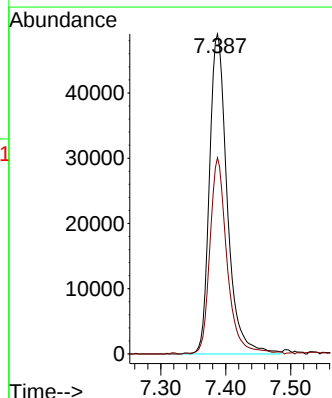
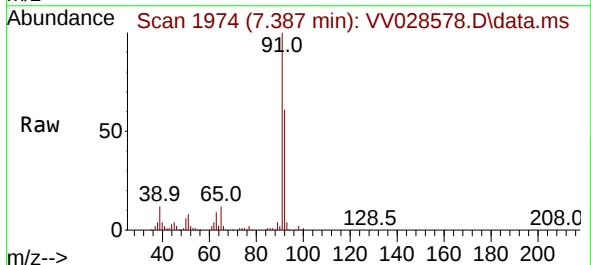
Instrument :
MSVOA_V
ClientSampleId :
BD716

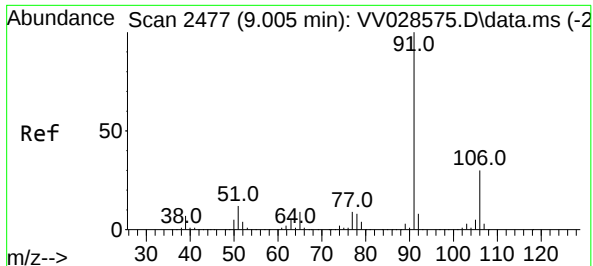
Tgt Ion: 78 Resp: 31708



#42
Toluene
Concen: 1.358 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion: 91 Resp: 93017
Ion Ratio Lower Upper
91 100
92 61.3 40.7 75.5





#52

Ethylbenzene

Concen: 0.038 ug/L

RT: 9.014 min Scan# 2477

Delta R.T. 0.010 min

Lab File: VV028578.D

Acq: 17 Oct 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

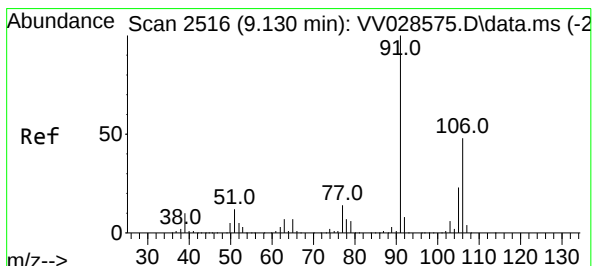
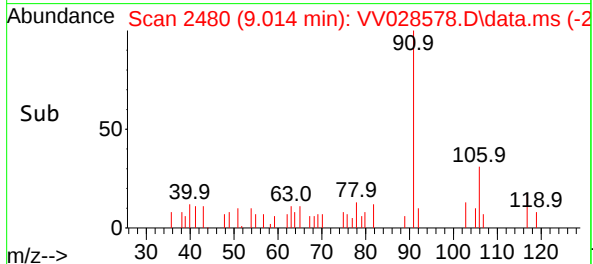
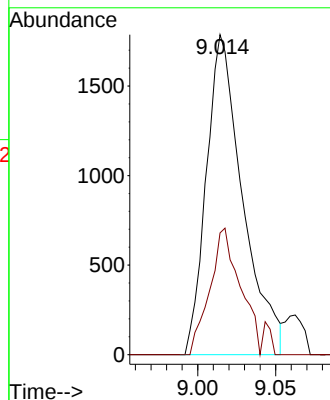
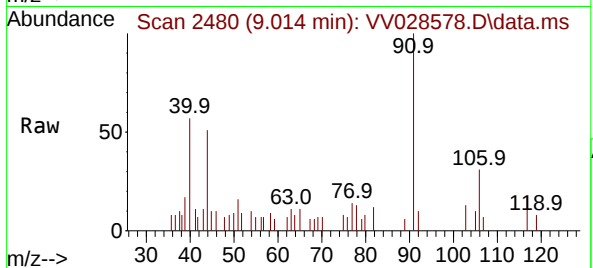
BD716

Tgt Ion: 91 Resp: 2887

Ion Ratio Lower Upper

91 100

106 38.1 20.3 37.7#



#53

m,p-Xylene

Concen: 0.332 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VV028578.D

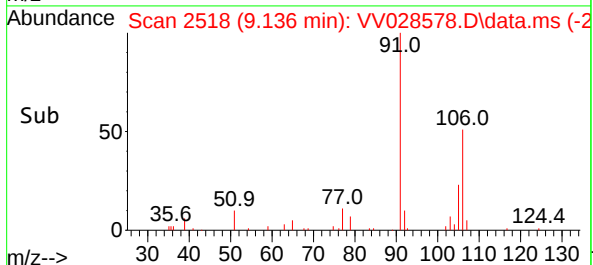
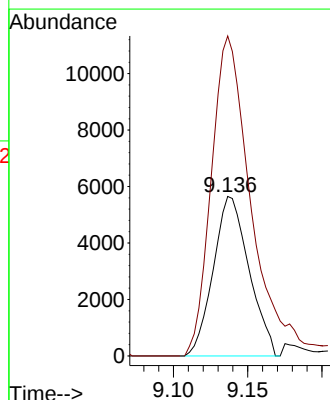
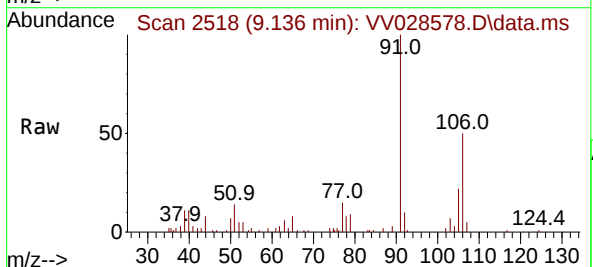
Acq: 17 Oct 2022 11:03

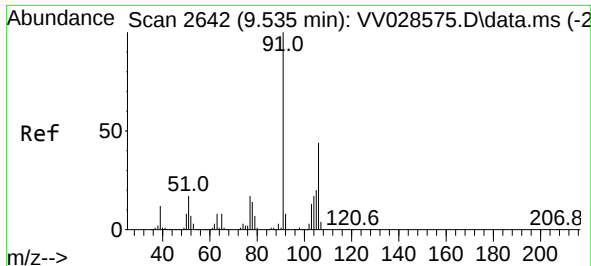
Tgt Ion: 106 Resp: 9451

Ion Ratio Lower Upper

106 100

91 200.6 146.9 272.9

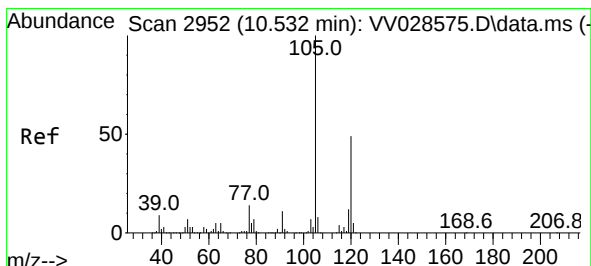
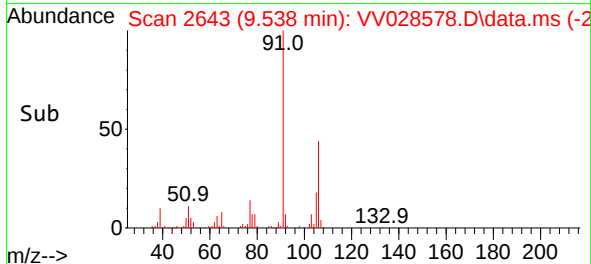
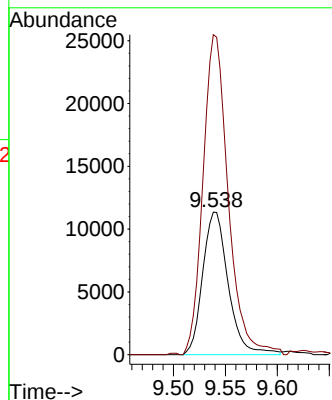
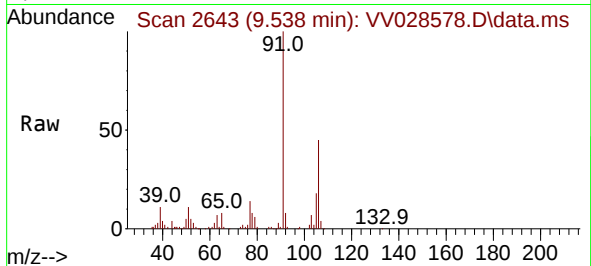




#54
o-Xylene
Concen: 0.703 ug/L
RT: 9.538 min Scan# 20643
Delta R.T. 0.003 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

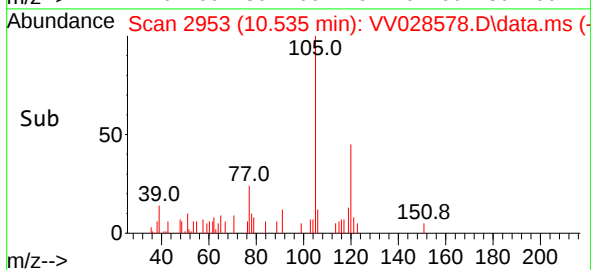
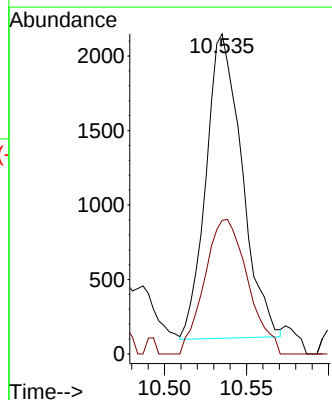
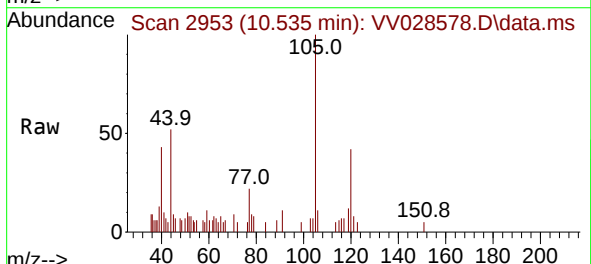
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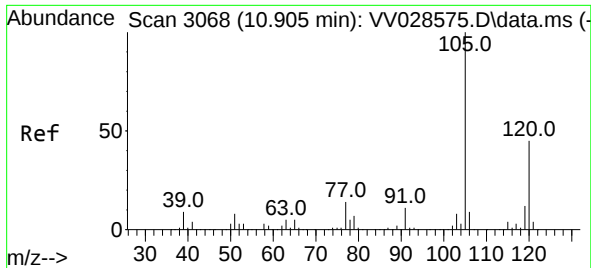
Tgt Ion:106 Resp: 19400
Ion Ratio Lower Upper
106 100
91 224.4 151.4 281.2



#62
1,3,5-Trimethylbenzene
Concen: 0.145 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

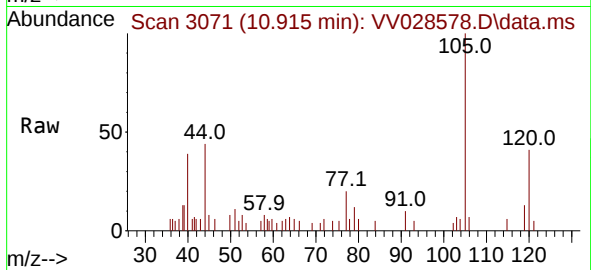
Tgt Ion:105 Resp: 3110
Ion Ratio Lower Upper
105 100
120 53.0 38.0 57.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.077 ug/L
 RT: 10.915 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: VV028578.D
 Acq: 17 Oct 2022 11:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BD716



Tgt Ion:105 Resp: 4520
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.6 53.4

