

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029575.D
 Acq On : 10 Dec 2022 12:53
 Operator : SY/MD
 Sample : N5928-08 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ71

Quant Time: Dec 12 00:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

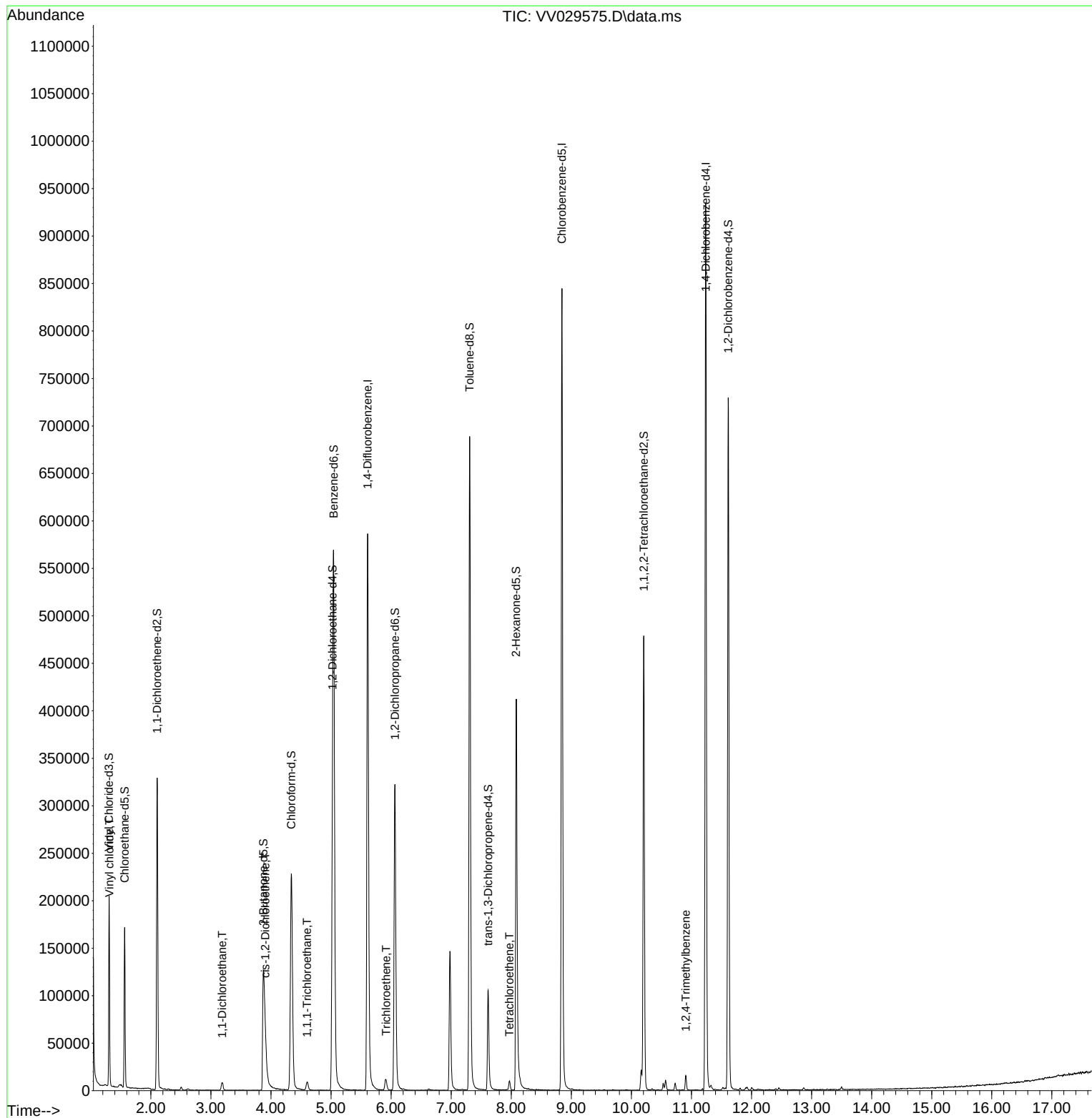
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	533407	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	257183	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125379	38.385	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.760%	
7) Chloroethane-d5	1.564	69	110979	44.557	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.120%	
11) 1,1-Dichloroethene-d2	2.105	63	169104	33.193	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.380%	
21) 2-Butanone-d5	3.873	46	189147	94.926	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.930%	
24) Chloroform-d	4.339	84	250704	40.787	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.580%	
26) 1,2-Dichloroethane-d4	5.024	65	153203	43.640	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.280%	
32) Benzene-d6	5.043	84	544136	41.807	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.620%	
36) 1,2-Dichloropropane-d6	6.063	67	167872	42.226	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.460%	
41) Toluene-d8	7.307	98	481660	39.276	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.560%#	
43) trans-1,3-Dichloroprop...	7.616	79	66391	33.071	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.140%	
47) 2-Hexanone-d5	8.082	63	157810	92.957	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.960%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	237030	41.722	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.440%	
66) 1,2-Dichlorobenzene-d4	11.612	152	196169	40.069	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.140%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	3201	0.799	ug/L	# 27
19) 1,1-Dichloroethane	3.188	63	9413	1.673	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	8851	2.450	ug/L	84
30) 1,1,1-Trichloroethane	4.600	97	7777	1.449	ug/L	98
34) Trichloroethene	5.918	95	3440	0.989	ug/L	97
46) Tetrachloroethene	7.969	164	2570	0.919	ug/L	89
63) 1,2,4-Trimethylbenzene	10.905	105	9366	0.708	ug/L	93

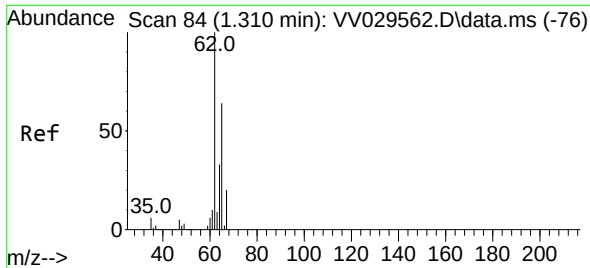
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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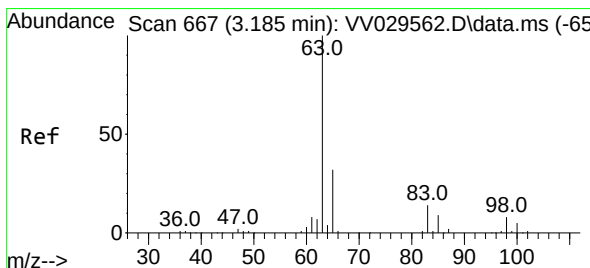
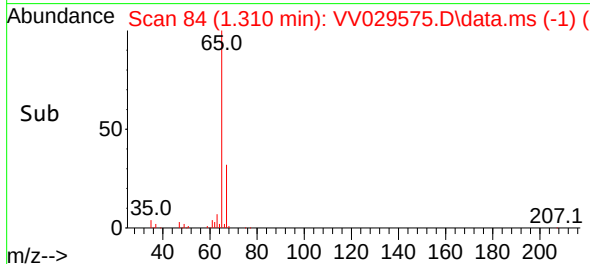
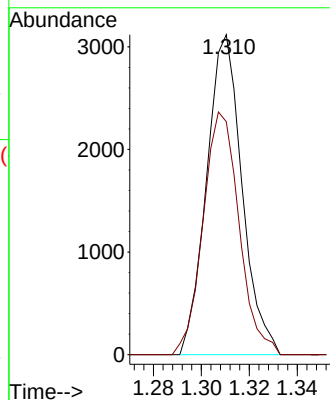
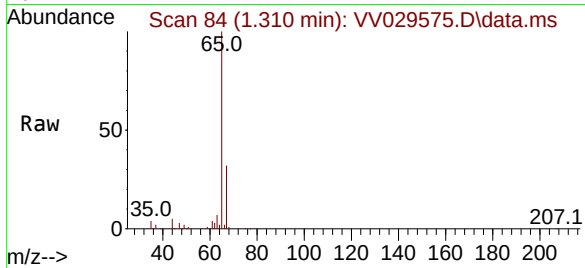




#5
 Vinyl chloride
 Concen: 0.799 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029575.D
 Acq: 10 Dec 2022 12:53

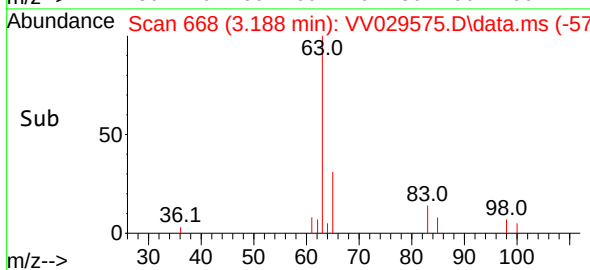
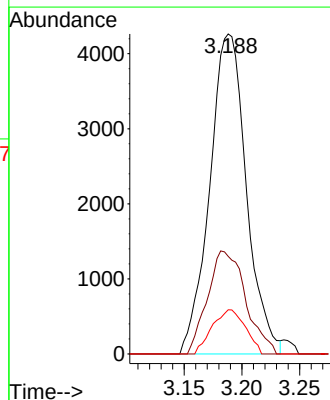
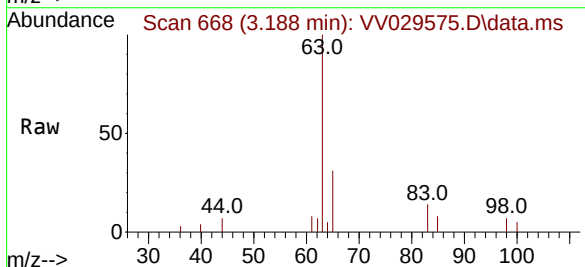
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ71

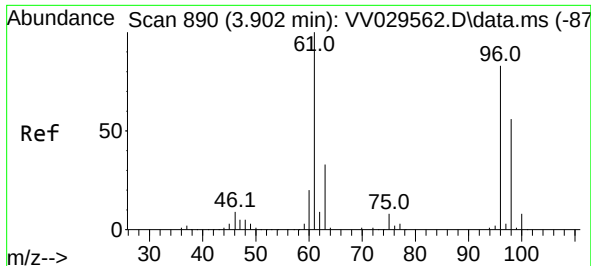
Tgt Ion: 62 Resp: 3201
 Ion Ratio Lower Upper
 62 100
 64 72.8 22.5 41.9#



#19
 1,1-Dichloroethane
 Concen: 1.673 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.003 min
 Lab File: VV029575.D
 Acq: 10 Dec 2022 12:53

Tgt Ion: 63 Resp: 9413
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.5 41.7
 83 13.8 10.4 19.2

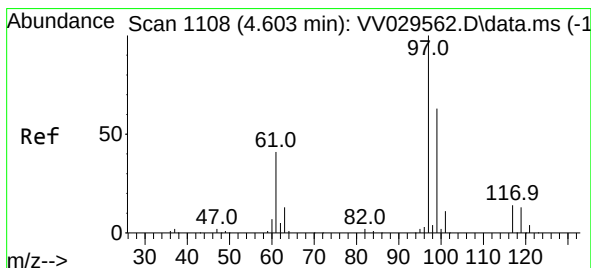
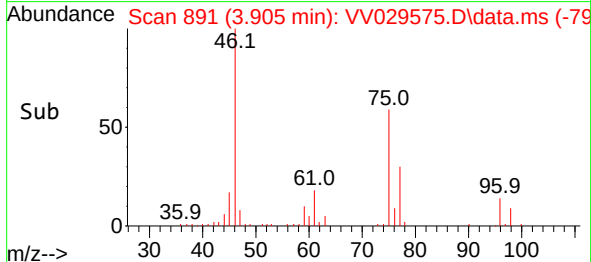
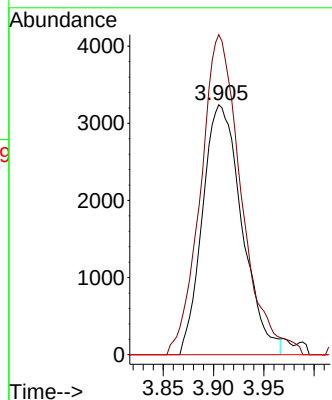
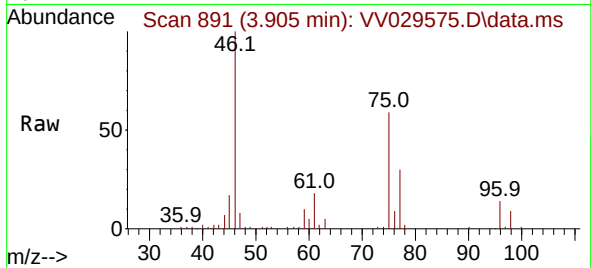




#20
 cis-1,2-Dichloroethene
 Concen: 2.450 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029575.D
 Acq: 10 Dec 2022 12:53

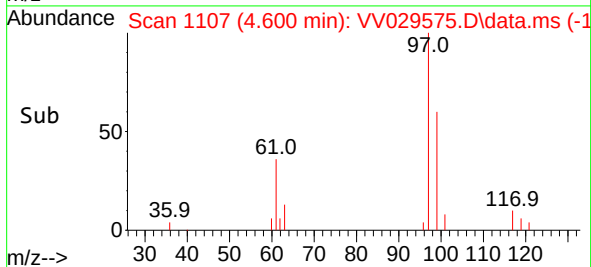
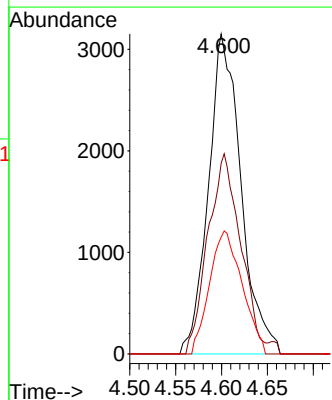
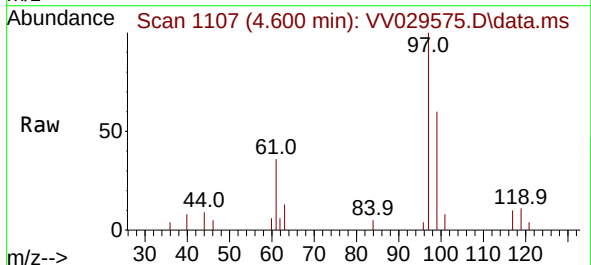
Instrument :
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 EXZ71

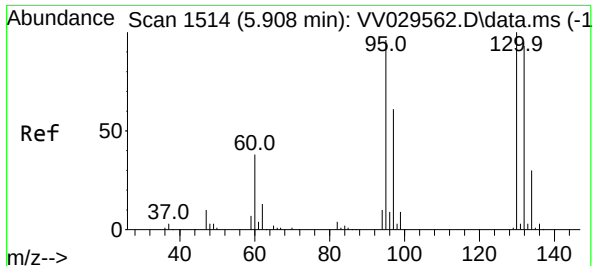
Tgt Ion: 96 Resp: 8851
 Ion Ratio Lower Upper
 96 100
 61 128.0 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.449 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029575.D
 Acq: 10 Dec 2022 12:53

Tgt Ion: 97 Resp: 7777
 Ion Ratio Lower Upper
 97 100
 99 63.2 52.1 78.1
 61 38.5 31.8 47.8





#34

Trichloroethene

Concen: 0.989 ug/L

RT: 5.918 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV029575.D

Acq: 10 Dec 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ71

Tgt Ion: 95 Resp: 3440

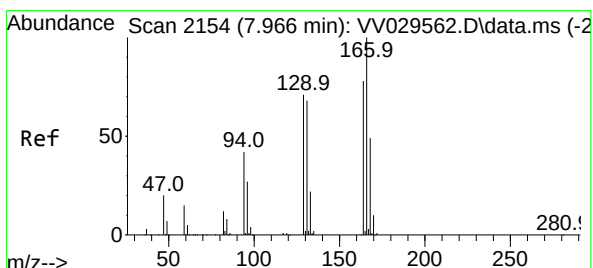
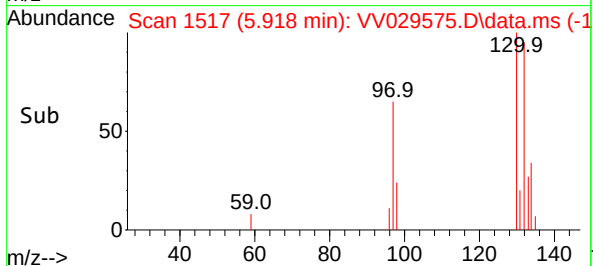
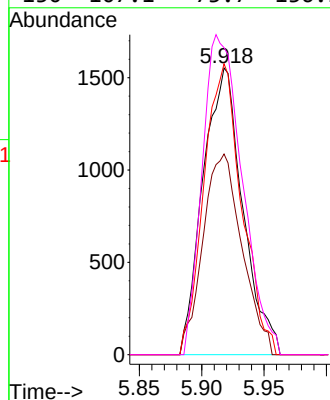
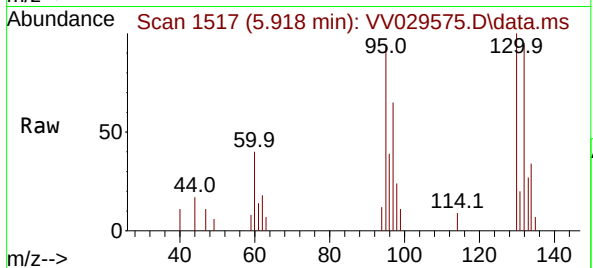
Ion Ratio Lower Upper

95 100

97 70.0 44.0 81.8

132 101.4 69.9 129.9

130 107.1 73.7 136.9



#46

Tetrachloroethene

Concen: 0.919 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029575.D

Acq: 10 Dec 2022 12:53

Tgt Ion: 164 Resp: 2570

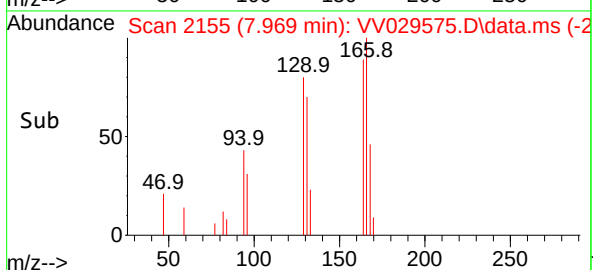
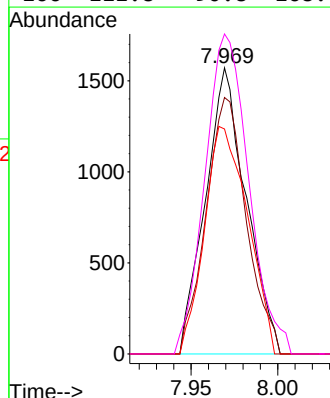
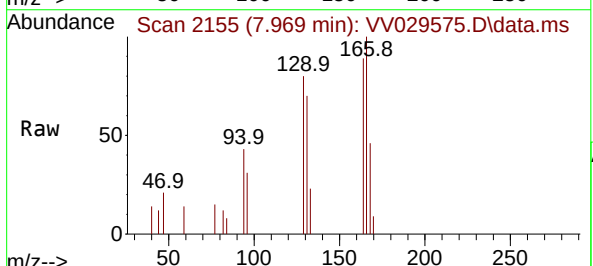
Ion Ratio Lower Upper

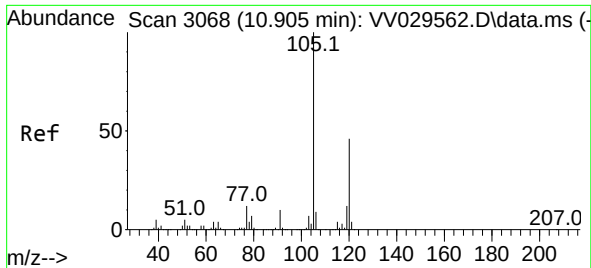
164 100

129 89.6 65.3 121.3

131 78.6 63.1 117.1

166 111.8 90.8 168.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.708 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV029575.D
 Acq: 10 Dec 2022 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ71

Tgt Ion:105 Resp: 9366
 Ion Ratio Lower Upper
 105 100
 120 41.4 36.7 55.1

