

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029117.D
 Acq On : 18 Nov 2022 14:46
 Operator : SY/MD
 Sample : N5687-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD7

Quant Time: Nov 18 23:34:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

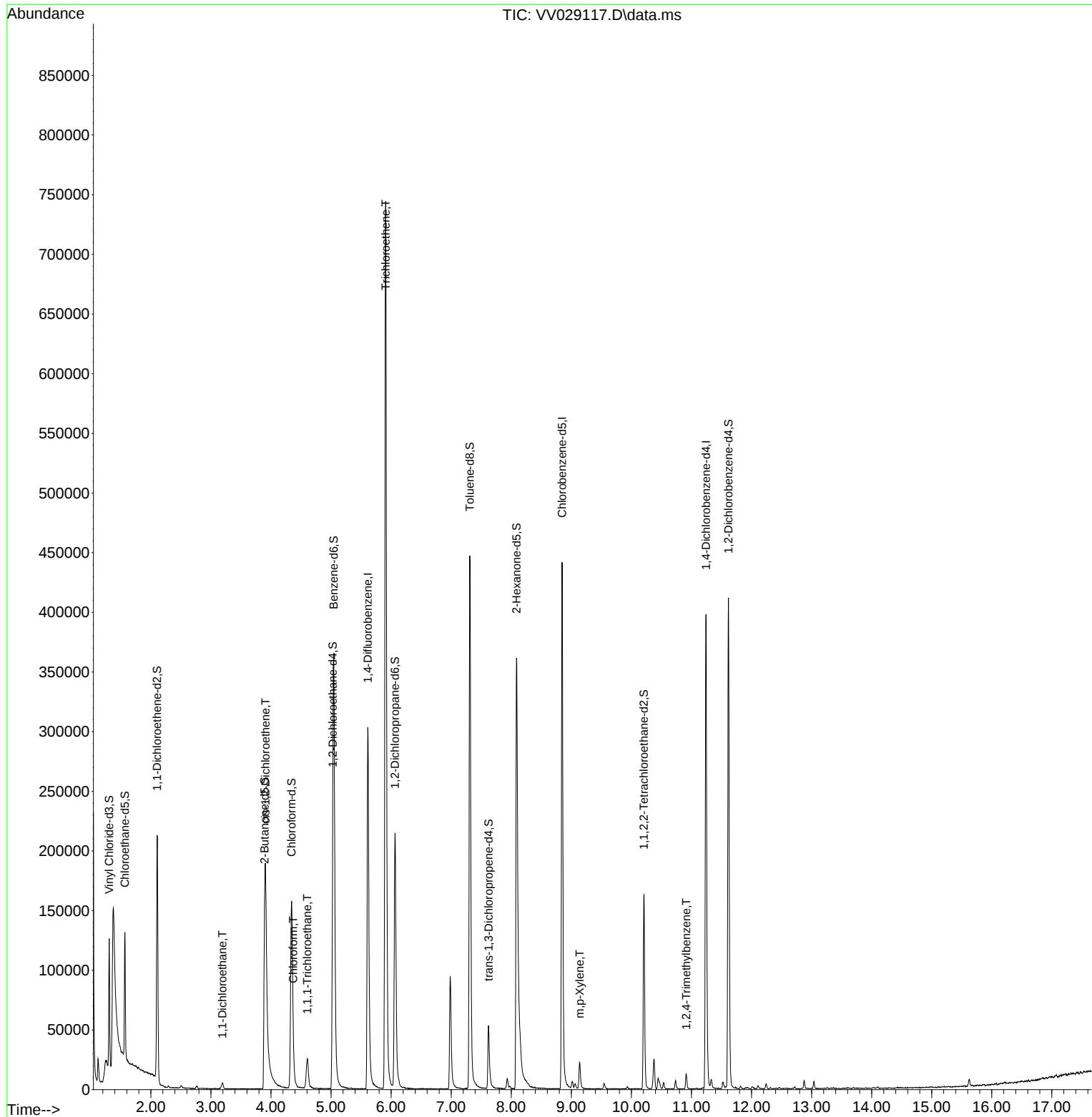
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	279199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	260449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	113804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74521	4.378	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.568	69	68047	4.547	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.105	63	105394	3.398	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.892	46	196588	68.995	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.000%#	
24) Chloroform-d	4.342	84	170433	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.027	65	85324	5.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.043	84	356004	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.066	67	113887	5.246	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.310	98	323571	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.622	79	35448	5.007	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.088	63	157281	52.043	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.080%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83441	5.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	115484	5.672	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.400%	
Target Compounds						
						Qvalue
19) 1,1-Dichloroethane	3.191	63	5816	0.181	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	70770	3.551	ug/L	99
25) Chloroform	4.371	83	8827	0.263	ug/L	90
29) 1,1,1-Trichloroethane	4.606	97	19837	0.649	ug/L	95
34) Trichloroethene	5.908	95	269776	13.240	ug/L	98
53) m,p-Xylene	9.140	106	7070	0.199	ug/L	93
63) 1,2,4-Trimethylbenzene	10.911	105	7495	0.120	ug/L	97

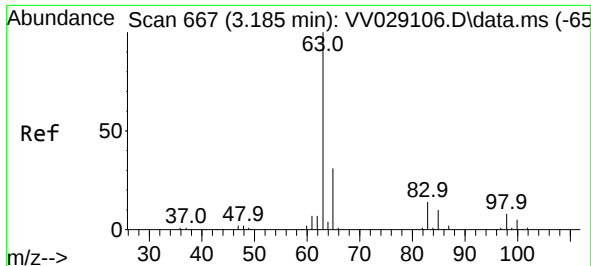
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.181 ug/L

RT: 3.191 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029117.D

Acq: 18 Nov 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

BGCD7

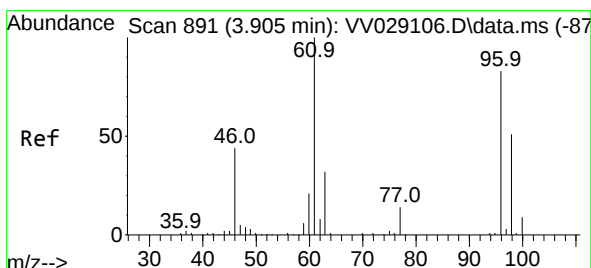
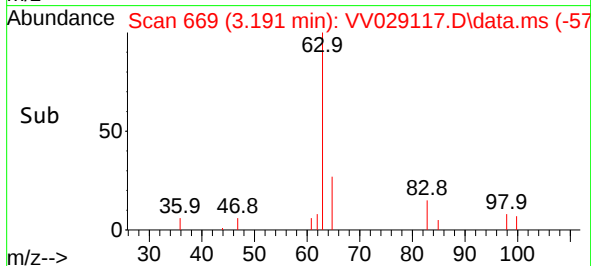
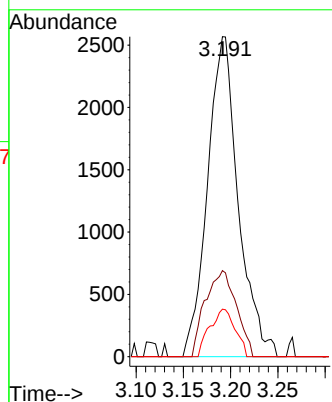
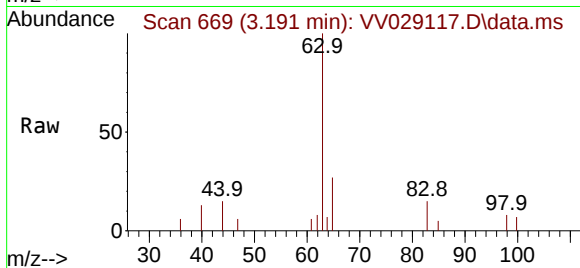
Tgt Ion: 63 Resp: 5816

Ion Ratio Lower Upper

63 100

65 25.0 23.0 42.6

83 13.8 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 3.551 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV029117.D

Acq: 18 Nov 2022 14:46

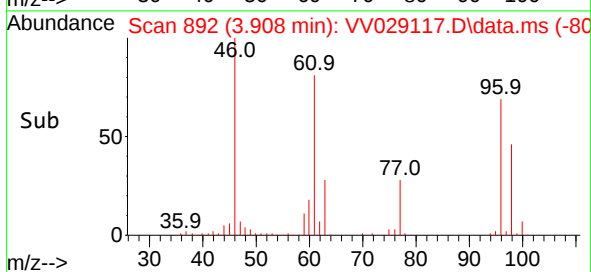
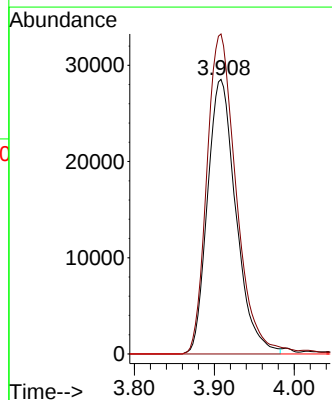
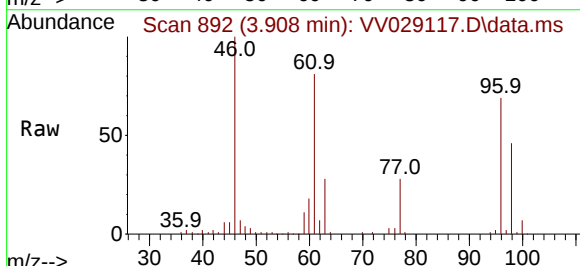
Tgt Ion: 96 Resp: 70770

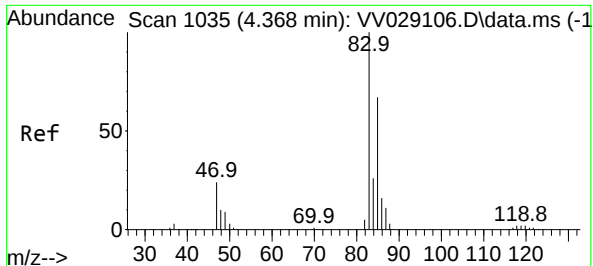
Ion Ratio Lower Upper

96 100

61 116.6 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.263 ug/L

RT: 4.371 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV029117.D

Acq: 18 Nov 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

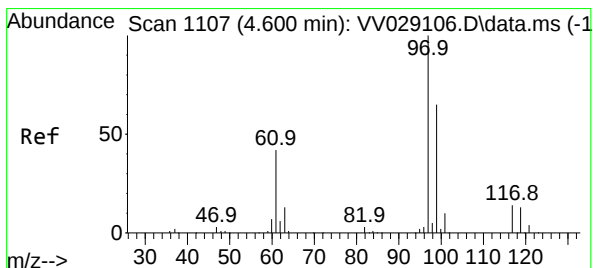
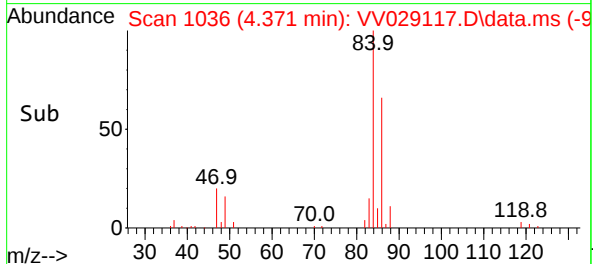
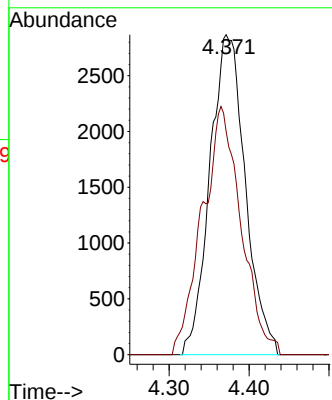
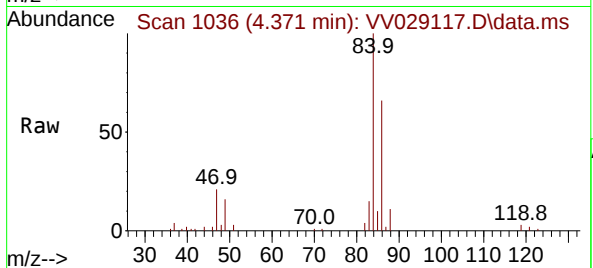
BGCD7

Tgt Ion: 83 Resp: 8827

Ion Ratio Lower Upper

83 100

85 69.8 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.649 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV029117.D

Acq: 18 Nov 2022 14:46

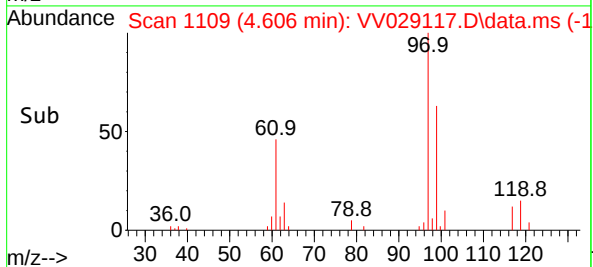
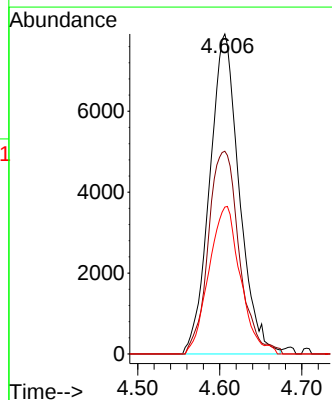
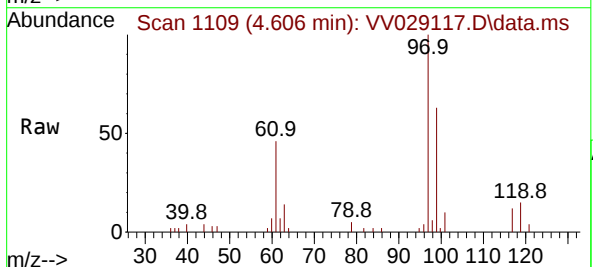
Tgt Ion: 97 Resp: 19837

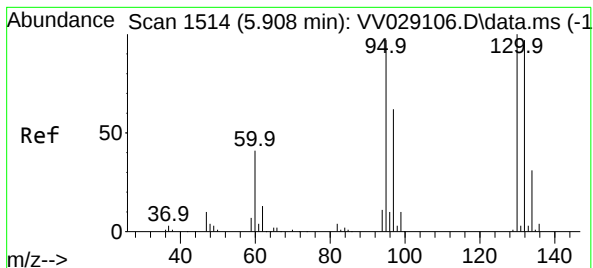
Ion Ratio Lower Upper

97 100

99 66.3 52.7 79.1

61 49.1 33.8 50.6





#34

Trichloroethene

Concen: 13.240 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029117.D

Acq: 18 Nov 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

BGCD7

Tgt Ion: 95 Resp: 269776

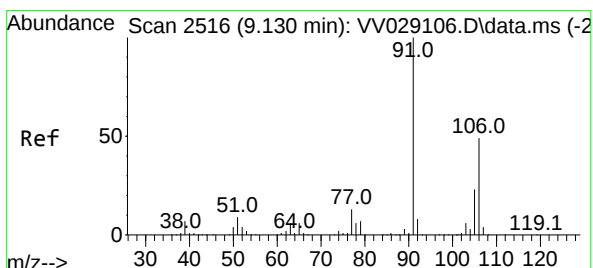
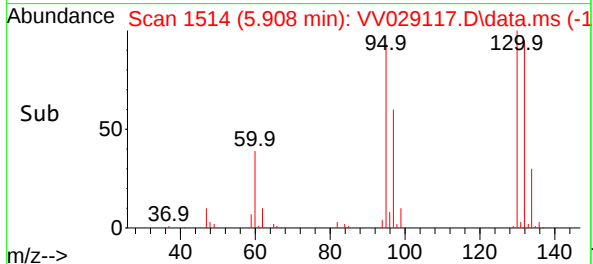
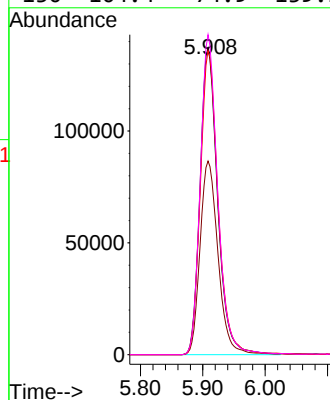
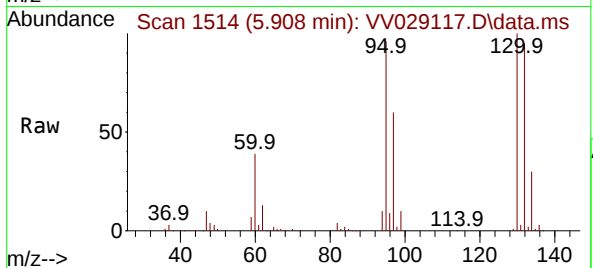
Ion Ratio Lower Upper

95 100

97 63.2 45.6 84.8

132 99.2 69.1 128.3

130 104.4 74.9 139.1



#53

m,p-Xylene

Concen: 0.199 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.006 min

Lab File: VV029117.D

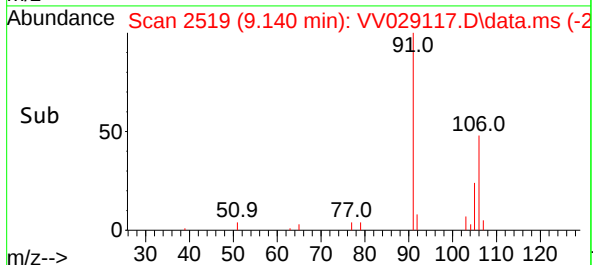
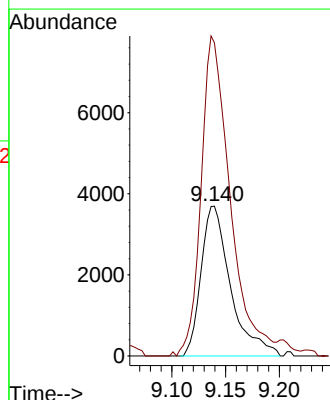
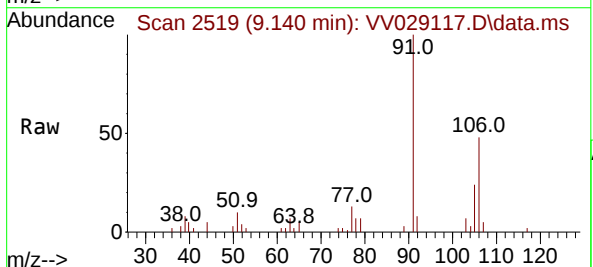
Acq: 18 Nov 2022 14:46

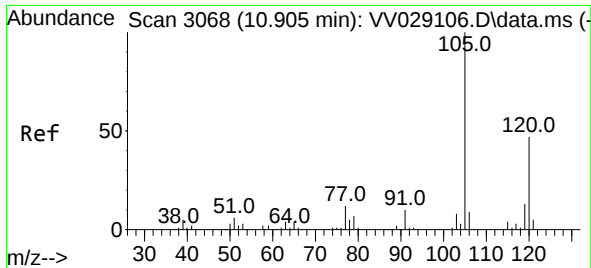
Tgt Ion: 106 Resp: 7070

Ion Ratio Lower Upper

106 100

91 209.1 139.1 258.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.120 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.006 min
 Lab File: VV029117.D
 Acq: 18 Nov 2022 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD7

Tgt Ion:105 Resp: 7495
 Ion Ratio Lower Upper
 105 100
 120 49.5 37.8 56.8

