

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026212.D
 Acq On : 13 Jun 2022 16:22
 Operator : SY/MD
 Sample : N3272-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B56

Quant Time: Jun 14 02:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

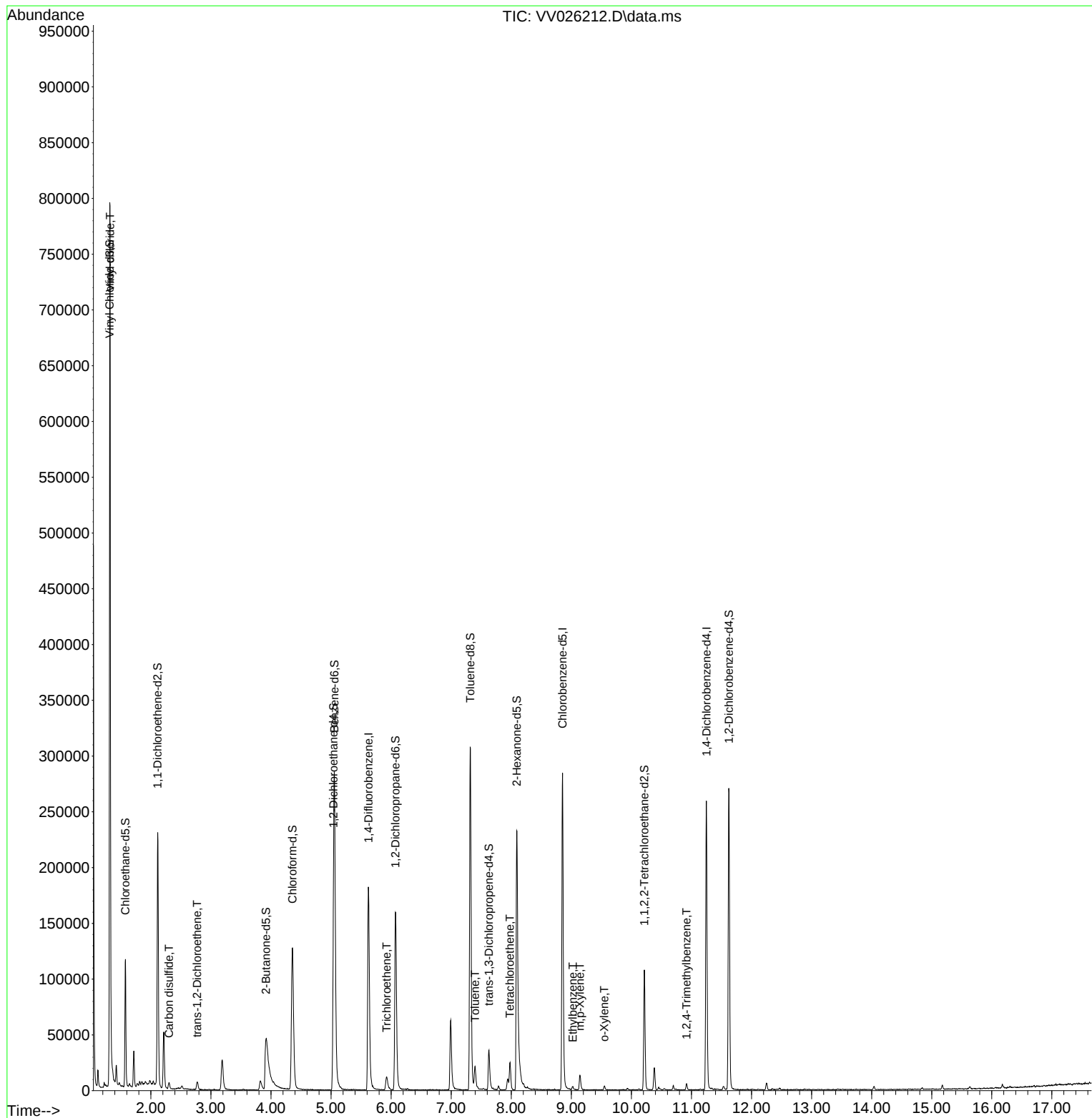
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	166990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	161978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69546	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.313	65	94238	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.577	69	74767	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.114	63	119159	3.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.918	46	105742	64.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.800%
24) Chloroform-d	4.358	84	138002	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.040	65	60263	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.056	84	267595	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.072	67	81949	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.316	98	212070	3.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.628	79	22807	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.091	63	82601	48.267	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53260	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	71167	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.320	62	458969	26.305	ug/L	99
14) Carbon disulfide	2.304	76	7258	0.224	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	2629	0.215	ug/L	87
34) Trichloroethene	5.927	95	3926	0.297	ug/L	94
42) Toluene	7.397	91	16638	0.321	ug/L	99
47) Tetrachloroethene	7.979	164	5905	0.622	ug/L	94
52) Ethylbenzene	9.024	91	2437	0.047	ug/L	89
53) m,p-Xylene	9.143	106	4182	0.212	ug/L	98
54) o-Xylene	9.551	106	1152	0.060	ug/L	84
63) 1,2,4-Trimethylbenzene	10.918	105	3101	0.088	ug/L	99

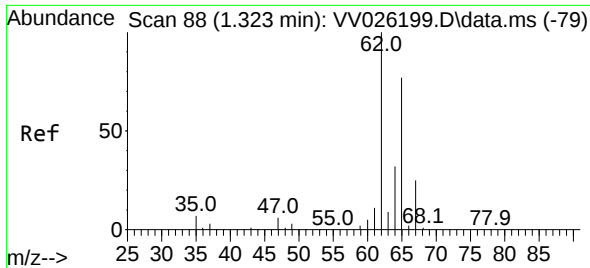
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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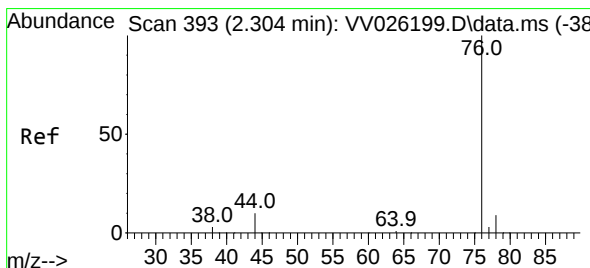
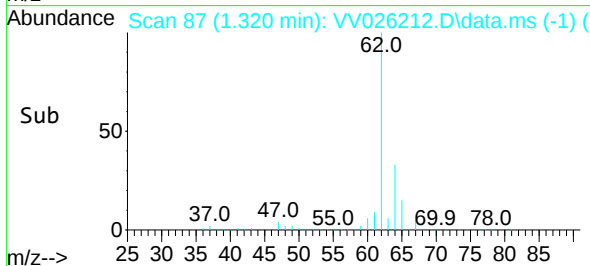
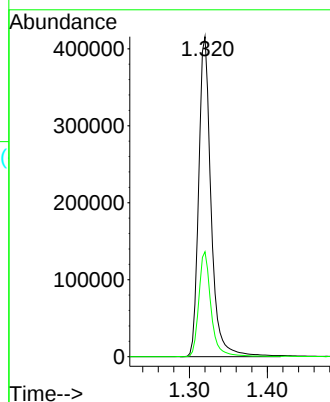
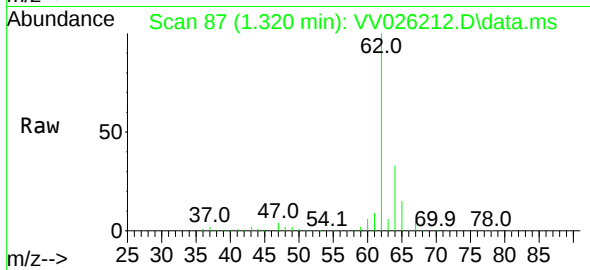




#5
 Vinyl chloride
 Concen: 26.305 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026212.D
 Acq: 13 Jun 2022 16:22

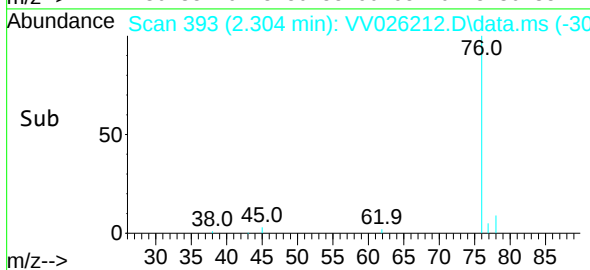
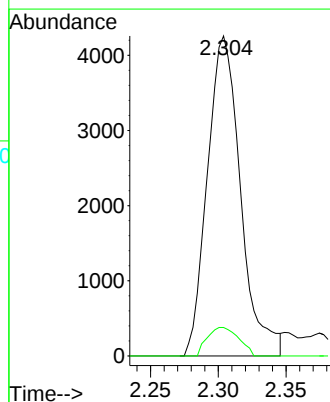
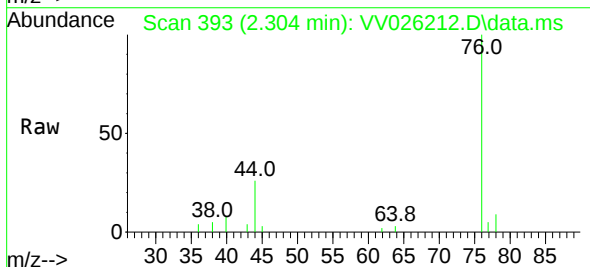
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B56

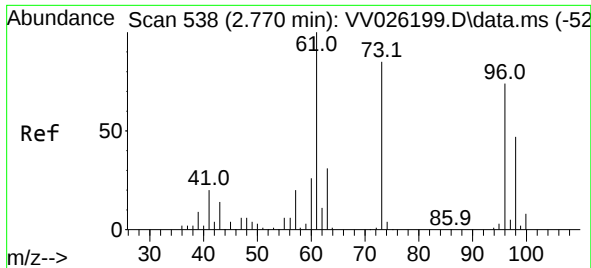
Tgt Ion: 62 Resp: 458969
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#14
 Carbon disulfide
 Concen: 0.224 ug/L
 RT: 2.304 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VV026212.D
 Acq: 13 Jun 2022 16:22

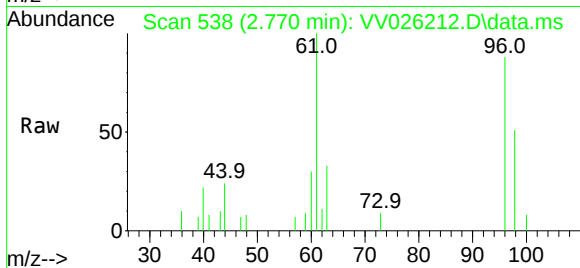
Tgt Ion: 76 Resp: 7258
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.4 11.2





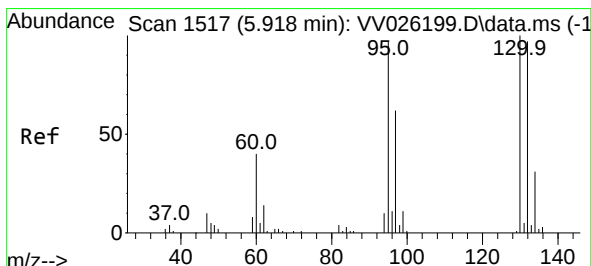
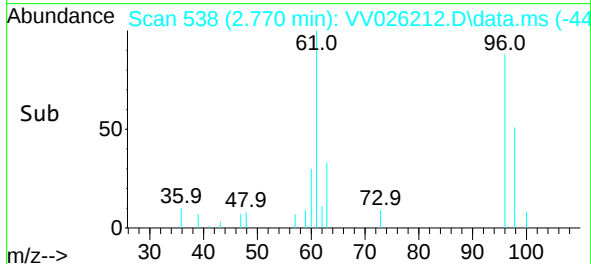
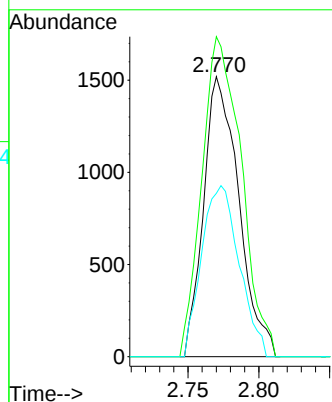
#18
trans-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Instrument :
MSVOA_V
ClientSampleId :
C0B56



Tgt Ion: 96 Resp: 2629

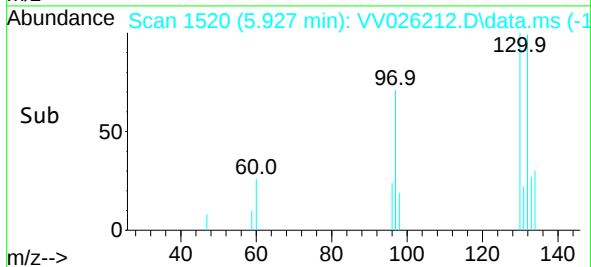
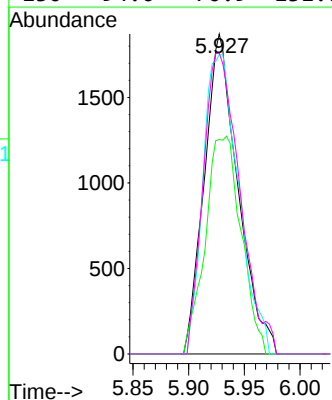
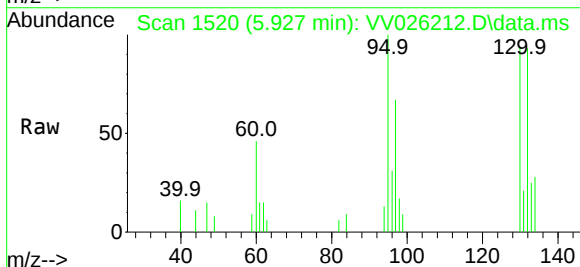
Ion	Ratio	Lower	Upper
96	100		
61	114.3	93.5	173.7
98	58.3	44.7	83.1

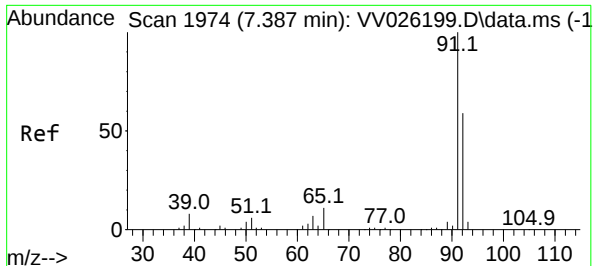


#34
Trichloroethene
Concen: 0.297 ug/L
RT: 5.927 min Scan# 1520
Delta R.T. 0.010 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion: 95 Resp: 3926

Ion	Ratio	Lower	Upper
95	100		
97	67.0	43.3	80.3
132	93.5	67.5	125.4
130	94.0	70.9	131.7





#42

Toluene

Concen: 0.321 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Instrument :

MSVOA_V

ClientSampleId :

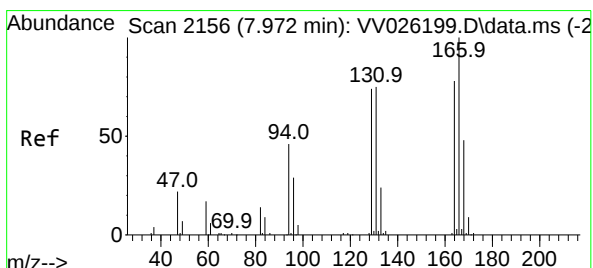
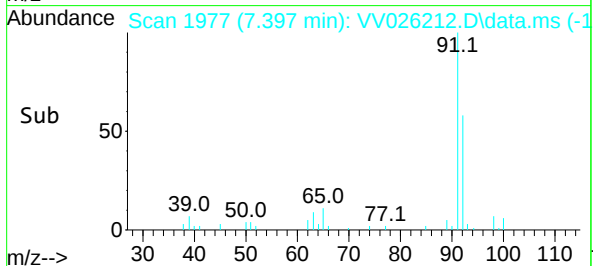
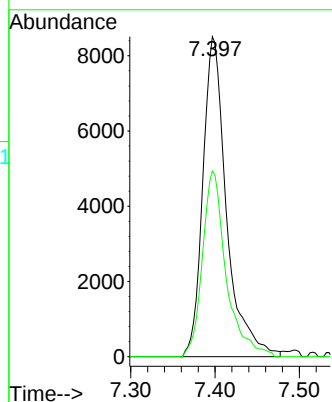
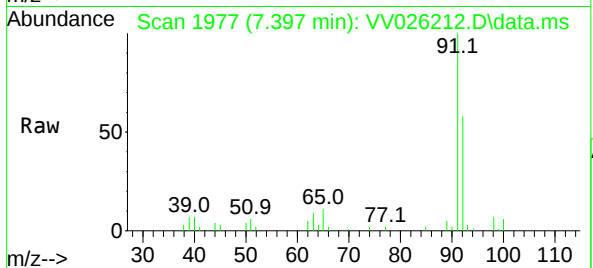
C0B56

Tgt Ion: 91 Resp: 16638

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#47

Tetrachloroethene

Concen: 0.622 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Tgt Ion: 164 Resp: 5905

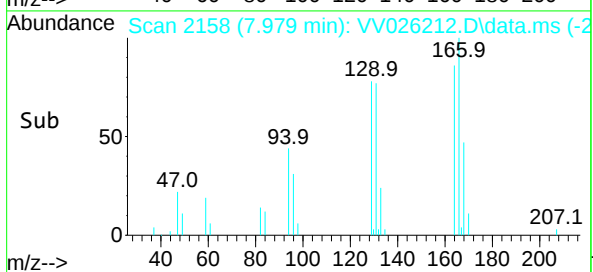
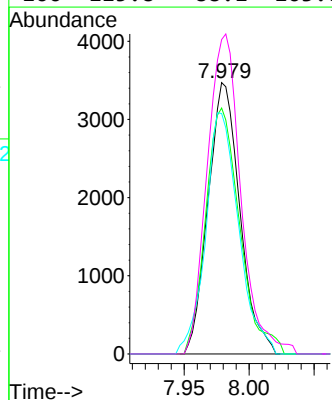
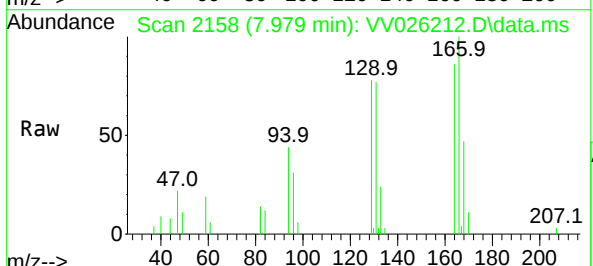
Ion Ratio Lower Upper

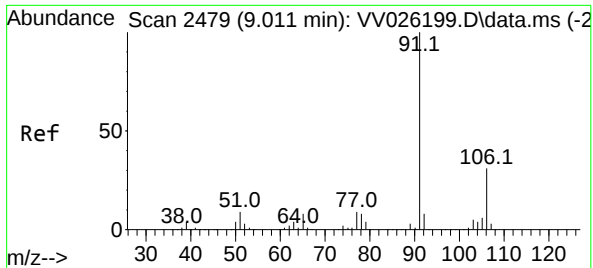
164 100

129 90.6 66.1 122.7

131 88.6 65.0 120.6

166 115.8 88.1 163.7





#52

Ethylbenzene

Concen: 0.047 ug/L

RT: 9.024 min Scan# 24

Delta R.T. 0.013 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Instrument :

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ClientSampleId :

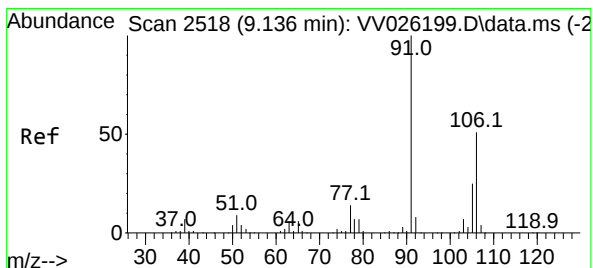
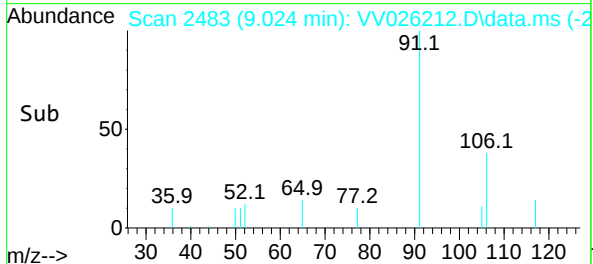
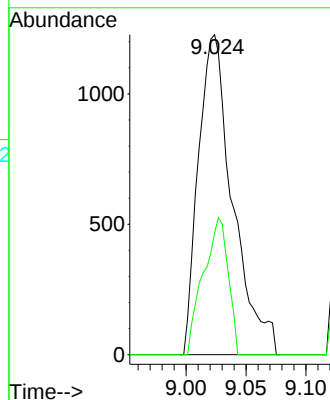
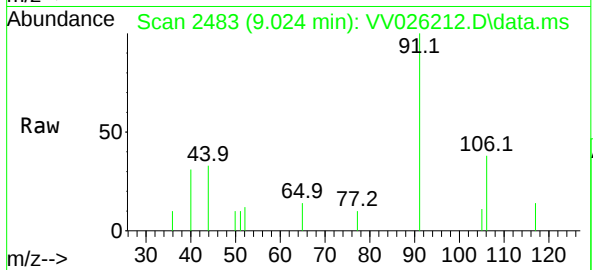
C0B56

Tgt Ion: 91 Resp: 2437

Ion Ratio Lower Upper

91 100

106 38.1 22.3 41.3



#53

m,p-Xylene

Concen: 0.212 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV026212.D

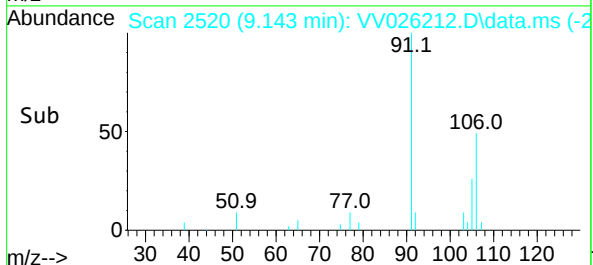
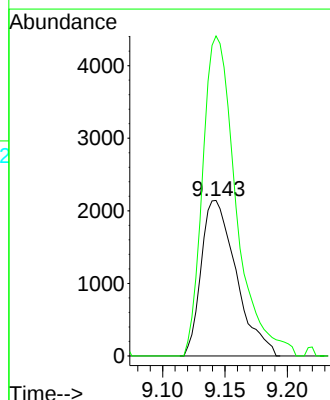
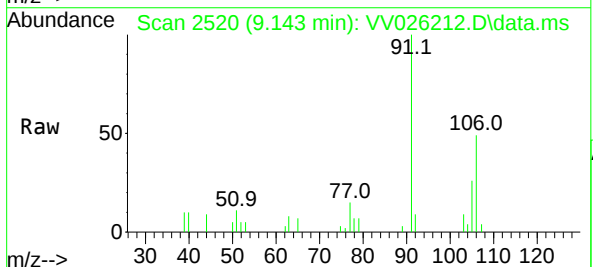
Acq: 13 Jun 2022 16:22

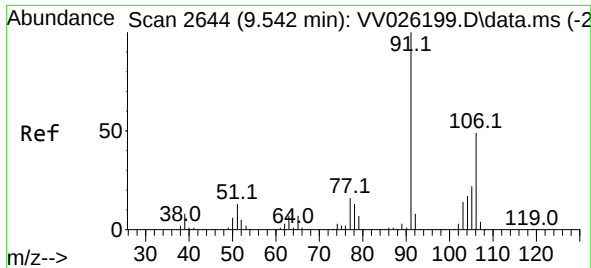
Tgt Ion: 106 Resp: 4182

Ion Ratio Lower Upper

106 100

91 205.8 142.0 263.8

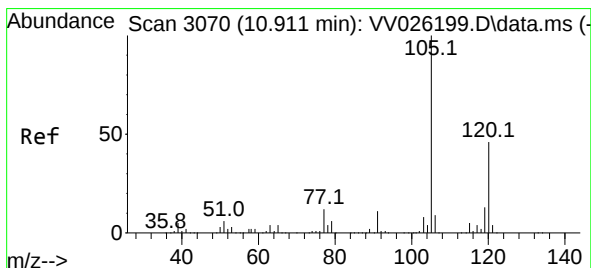
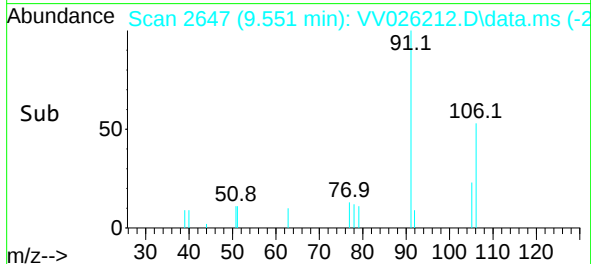
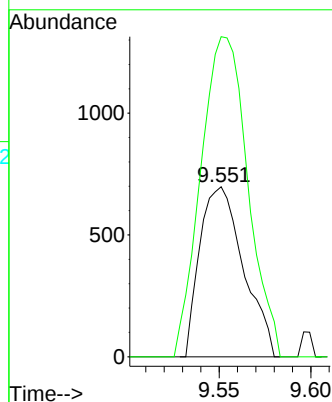
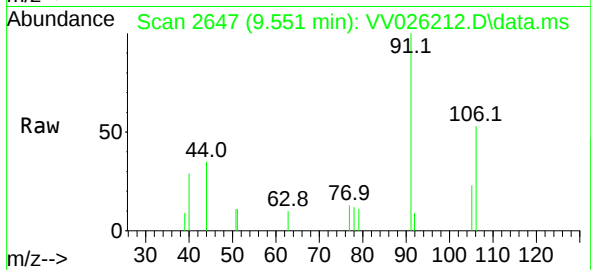




#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.551 min Scan# 206
Delta R.T. 0.010 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Instrument :
MSVOA_V
ClientSampleId :
C0B56

Tgt Ion:106 Resp: 1152
Ion Ratio Lower Upper
106 100
91 188.3 149.0 276.6



#63
1,2,4-Trimethylbenzene
Concen: 0.088 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion:105 Resp: 3101
Ion Ratio Lower Upper
105 100
120 45.5 36.9 55.3

