

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028959.D
 Acq On : 15 Nov 2022 00:08
 Operator : SY/MD
 Sample : N5604-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C0

Quant Time: Nov 15 05:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

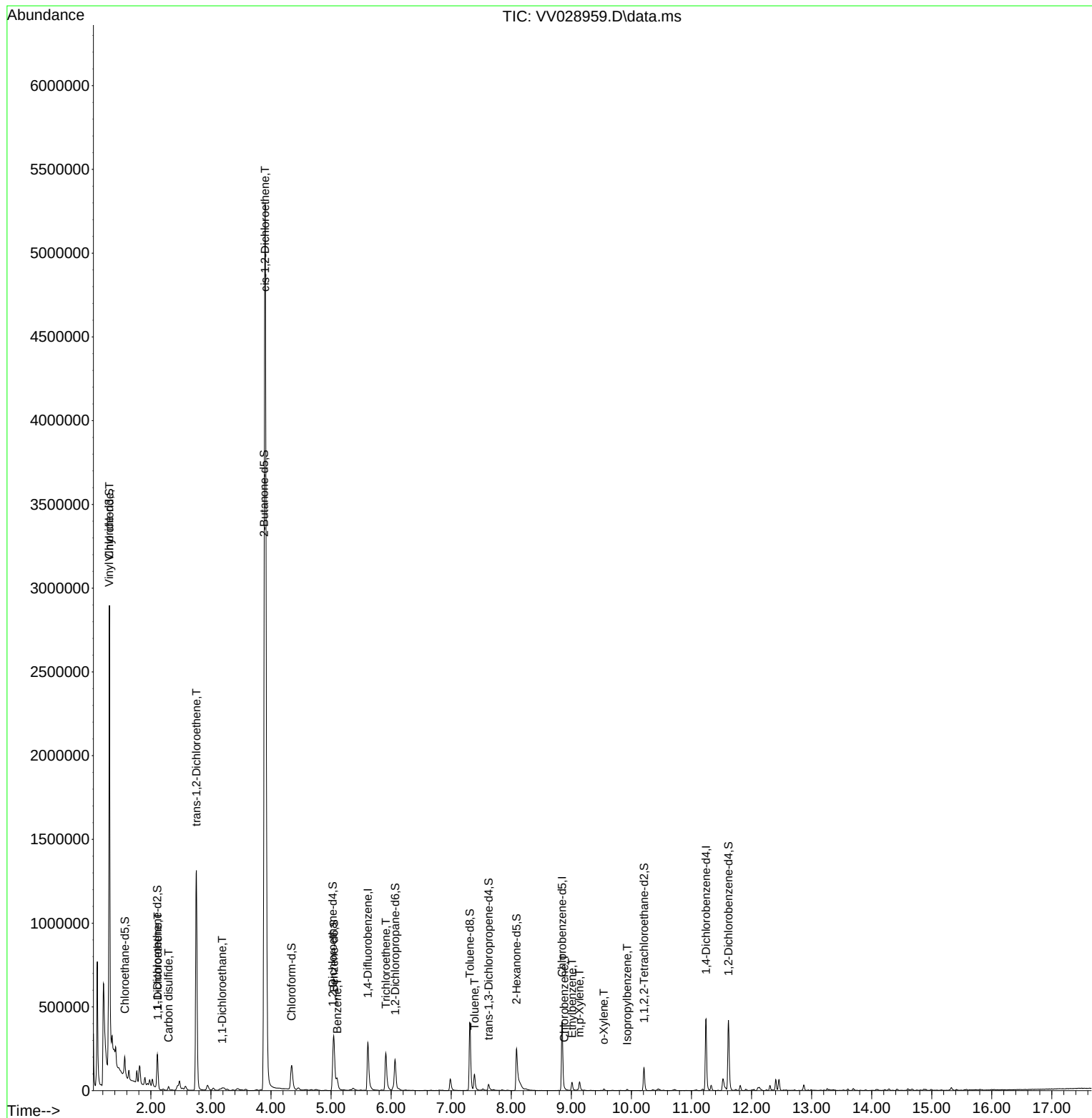
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270584	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	122365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71624	4.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	58993	4.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.108	63	90521	3.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.886	46	77505	28.067	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.140%
24) Chloroform-d	4.342	84	158735	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.030	65	72480	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.047	84	326083	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	94815	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.310	98	291833	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.622	79	24789	3.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.088	63	134690	46.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70216	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	110404	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	1701127	79.665	ug/L	89
12) 1,1-Dichloroethene	2.117	96	15364	0.938	ug/L #	1
14) Carbon disulfide	2.294	76	29783	0.512	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	523661	27.564	ug/L	96
19) 1,1-Dichloroethane	3.188	63	13222	0.426	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	3182777	164.792	ug/L	95
33) Benzene	5.101	78	80903	1.059	ug/L	100
34) Trichloroethene	5.911	95	80147	4.099	ug/L	95
42) Toluene	7.387	91	75199	0.911	ug/L	97
51) Chlorobenzene	8.882	112	3005	0.059	ug/L	99
52) Ethylbenzene	9.011	91	37094	0.432	ug/L	96
53) m,p-Xylene	9.136	106	16442	0.481	ug/L	96
54) o-Xylene	9.542	106	2897	0.089	ug/L	97
60) Isopropylbenzene	9.931	105	5341	0.067	ug/L	94

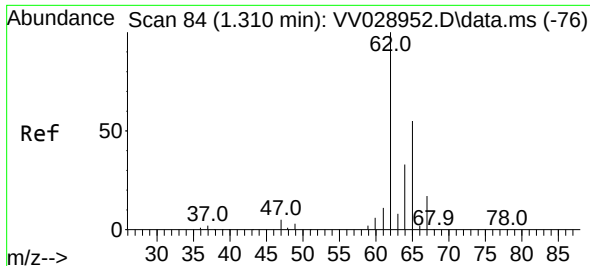
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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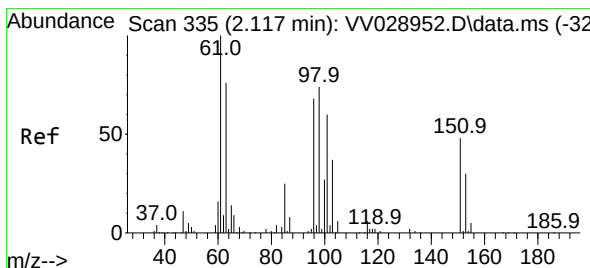
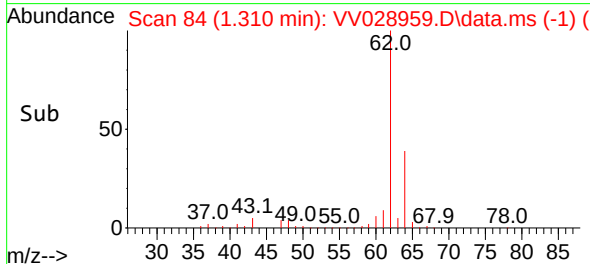
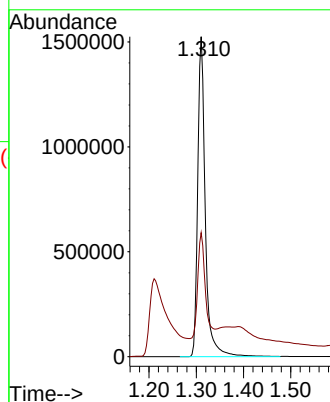
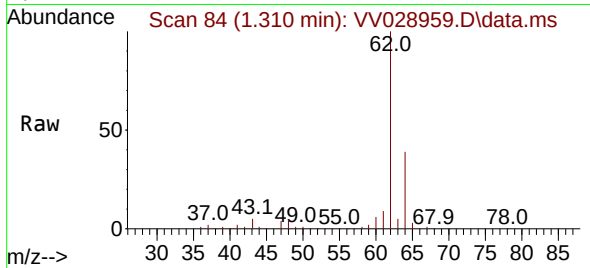




#5
 Vinyl chloride
 Concen: 79.665 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028959.D
 Acq: 15 Nov 2022 00:08

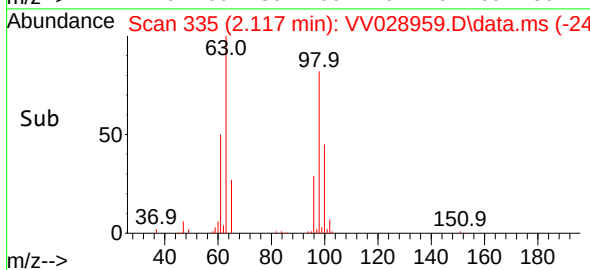
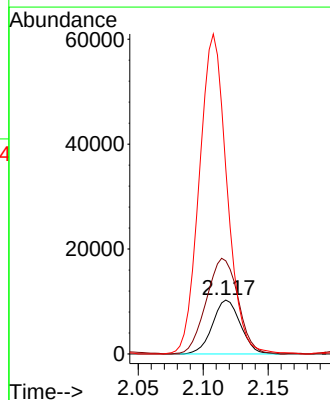
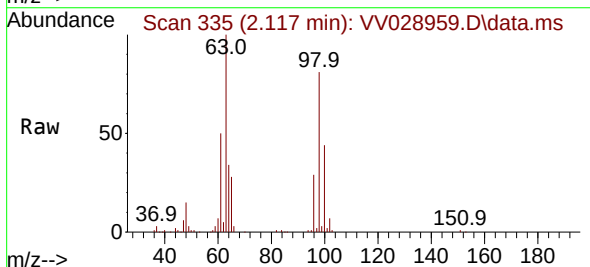
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C0

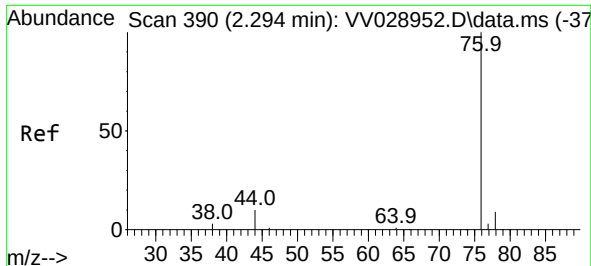
Tgt Ion: 62 Resp: 1701127
 Ion Ratio Lower Upper
 62 100
 64 38.8 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.938 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV028959.D
 Acq: 15 Nov 2022 00:08

Tgt Ion: 96 Resp: 15364
 Ion Ratio Lower Upper
 96 100
 61 172.5 104.2 193.4
 63 343.0 75.9 140.9#

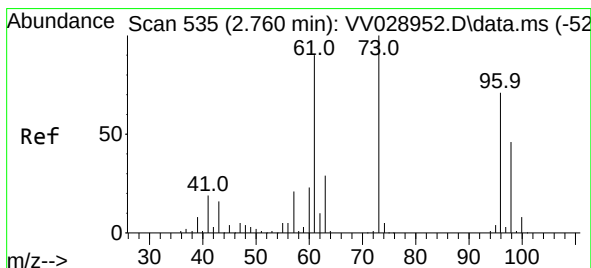
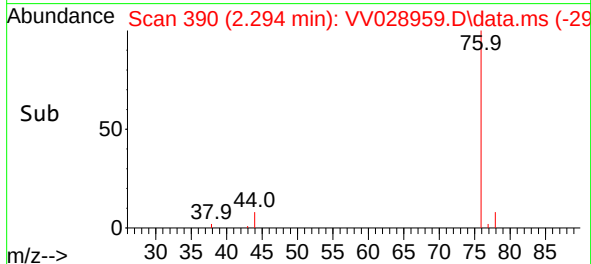
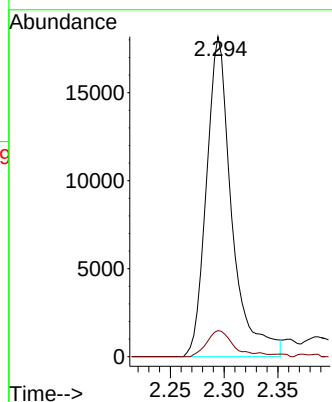
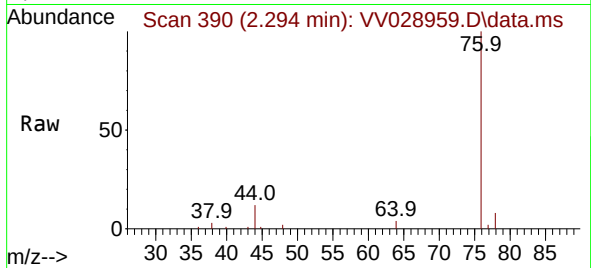




#14
Carbon disulfide
Concen: 0.512 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

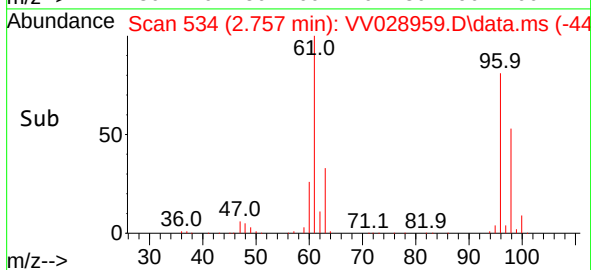
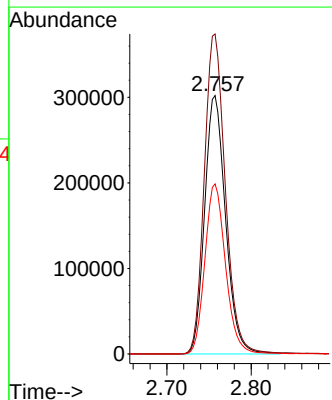
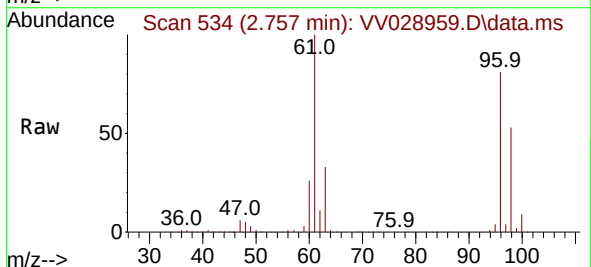
Instrument :
MSVOA_V
ClientSampleId :
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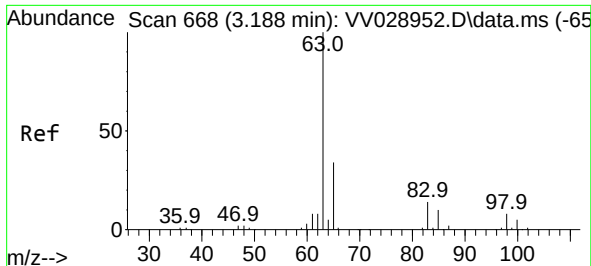
Tgt Ion: 76 Resp: 29783
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#18
trans-1,2-Dichloroethene
Concen: 27.564 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 96 Resp: 523661
Ion Ratio Lower Upper
96 100
61 123.8 91.8 170.6
98 65.8 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.426 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028959.D

Acq: 15 Nov 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

H46C0

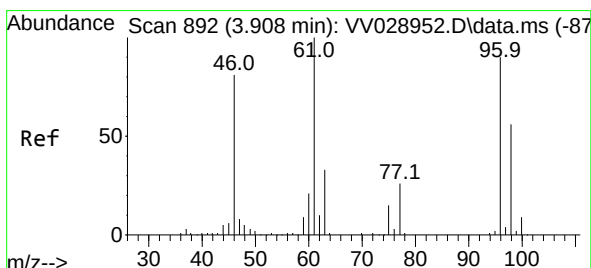
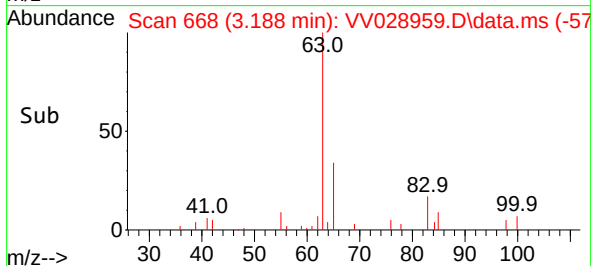
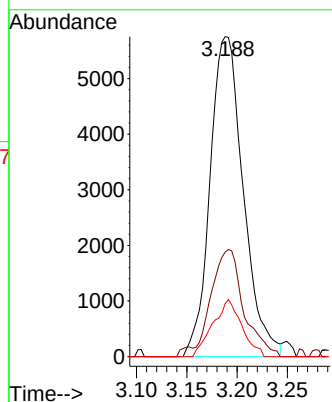
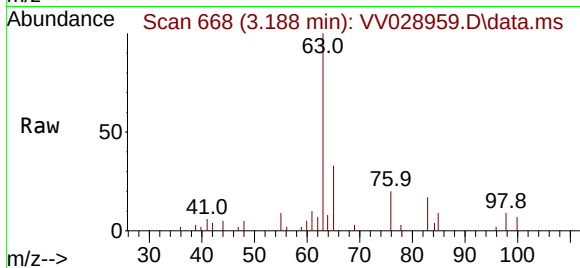
Tgt Ion: 63 Resp: 13222

Ion Ratio Lower Upper

63 100

65 32.6 23.0 42.6

83 16.6 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 164.792 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV028959.D

Acq: 15 Nov 2022 00:08

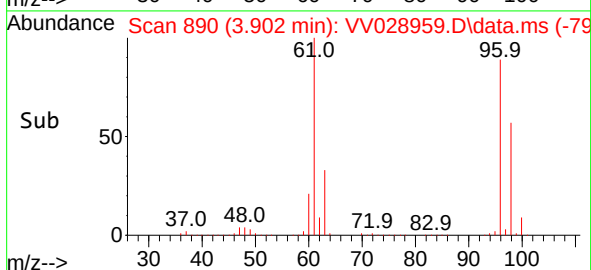
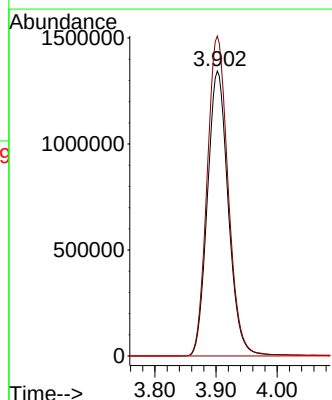
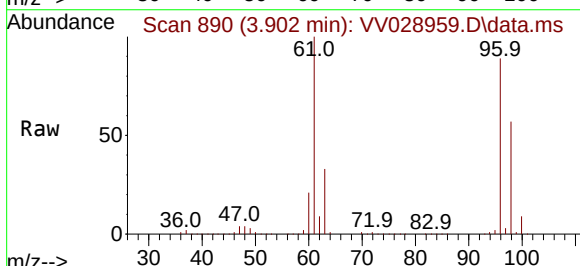
Tgt Ion: 96 Resp: 3182777

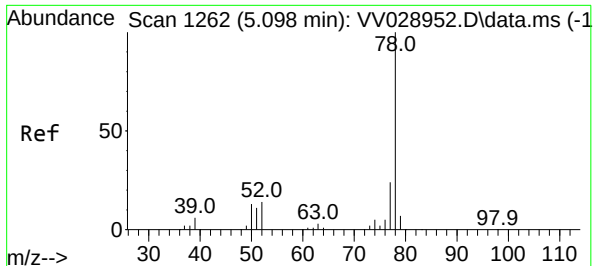
Ion Ratio Lower Upper

96 100

61 112.3 82.3 152.9

68 0.0 0.0 0.0

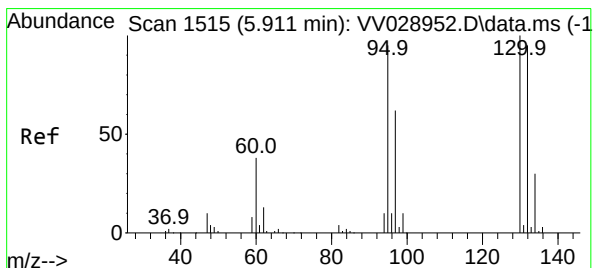
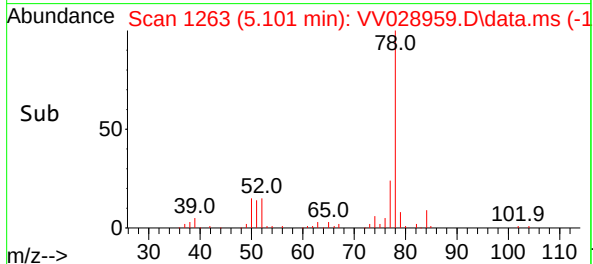
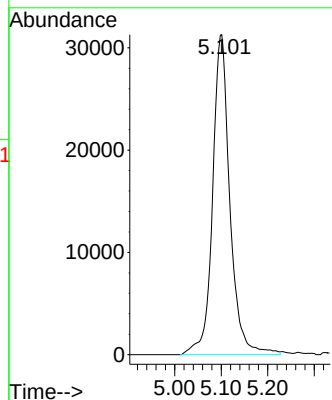
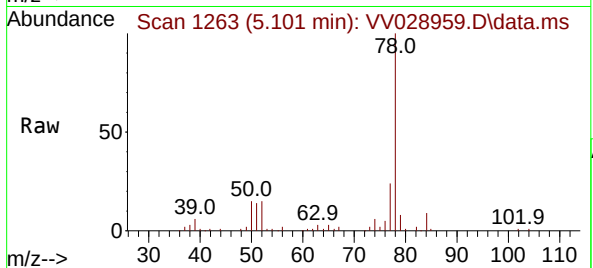




#33
Benzene
Concen: 1.059 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

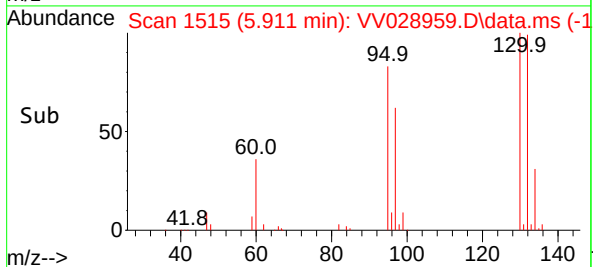
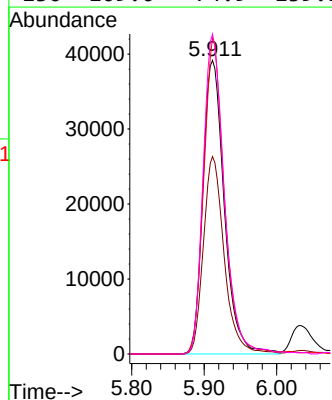
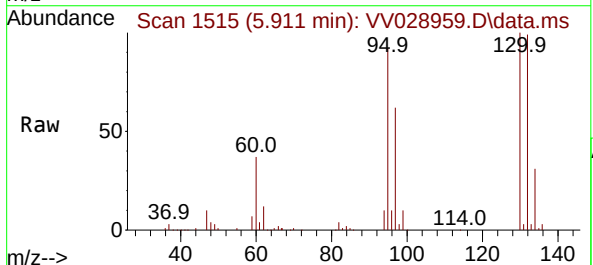
Tgt Ion: 78 Resp: 80903

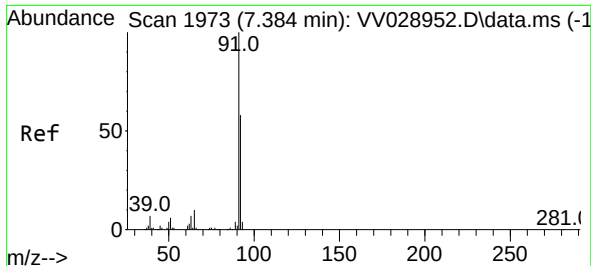


#34
Trichloroethene
Concen: 4.099 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 95 Resp: 80147

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.6	84.8
132	107.6	69.1	128.3
130	109.0	74.9	139.1





#42

Toluene

Concen: 0.911 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028959.D

Acq: 15 Nov 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

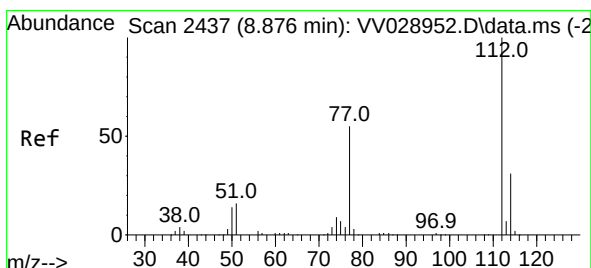
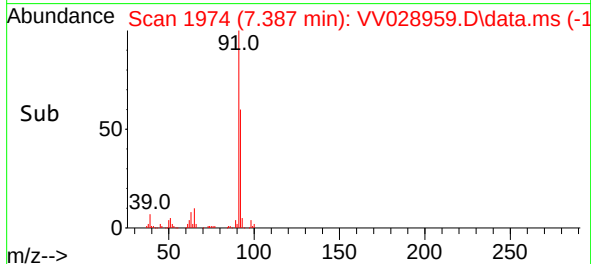
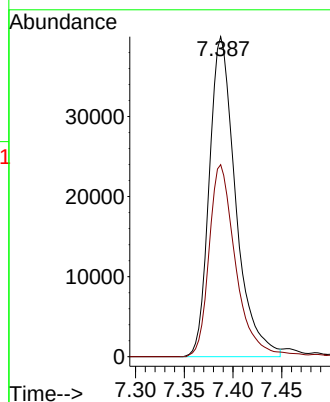
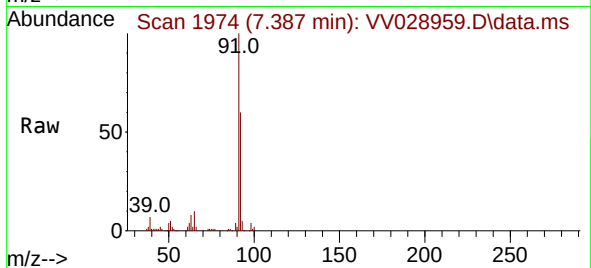
H46C0

Tgt Ion: 91 Resp: 75199

Ion Ratio Lower Upper

91 100

92 60.0 40.7 75.5



#51

Chlorobenzene

Concen: 0.059 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV028959.D

Acq: 15 Nov 2022 00:08

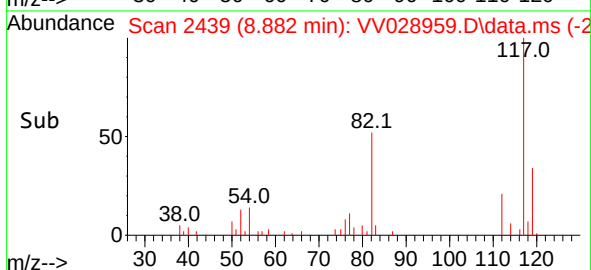
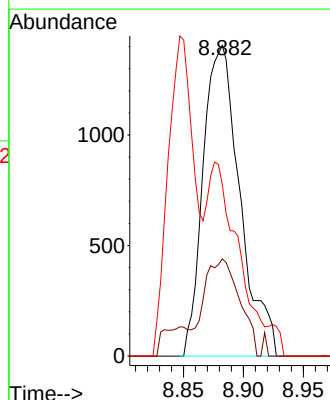
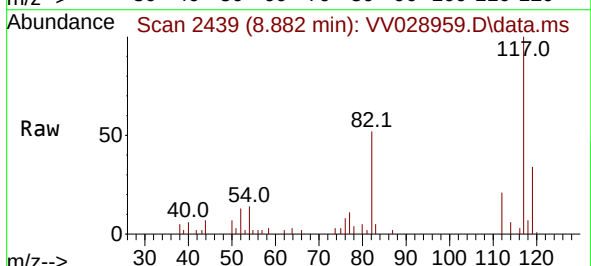
Tgt Ion: 112 Resp: 3005

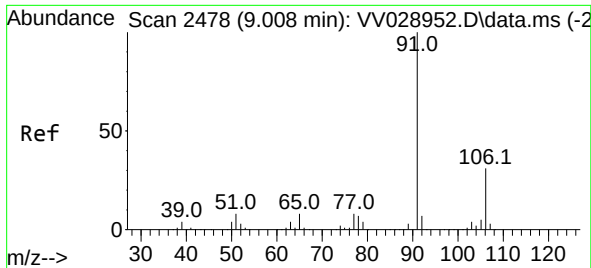
Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 55.2 44.4 66.6

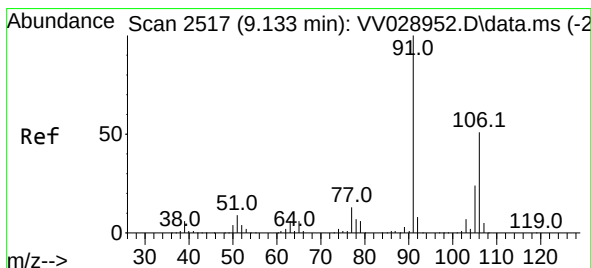
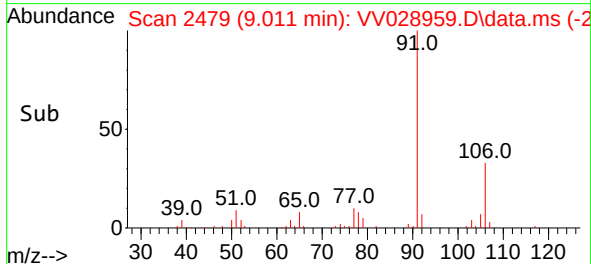
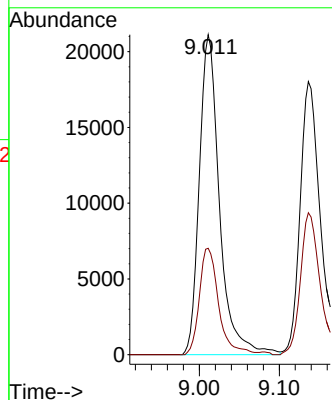
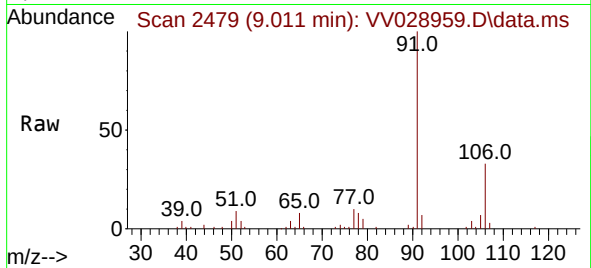




#52
Ethylbenzene
Concen: 0.432 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

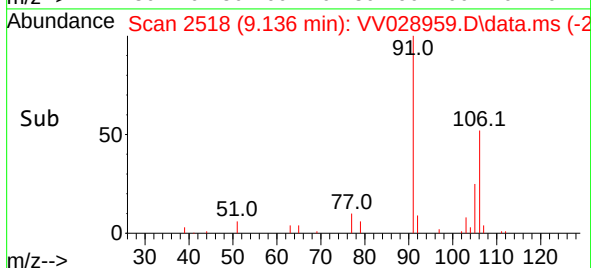
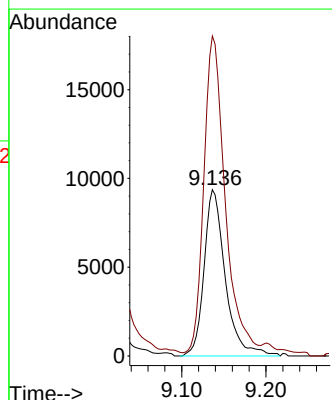
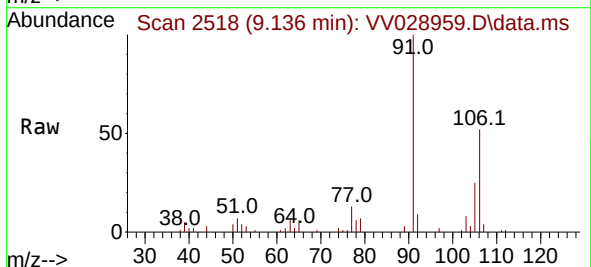
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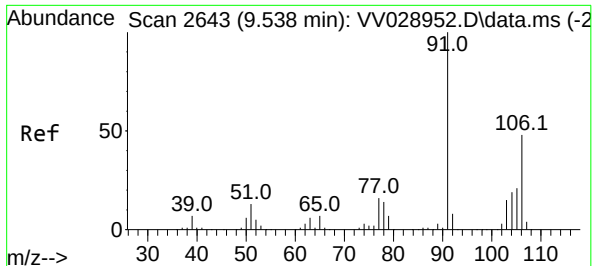
Tgt Ion: 91 Resp: 37094
Ion Ratio Lower Upper
91 100
106 33.2 21.6 40.2



#53
m,p-Xylene
Concen: 0.481 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 106 Resp: 16442
Ion Ratio Lower Upper
106 100
91 192.5 139.1 258.3

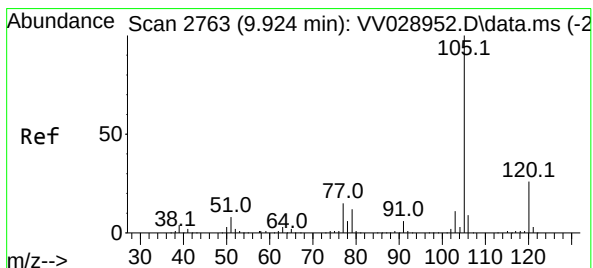
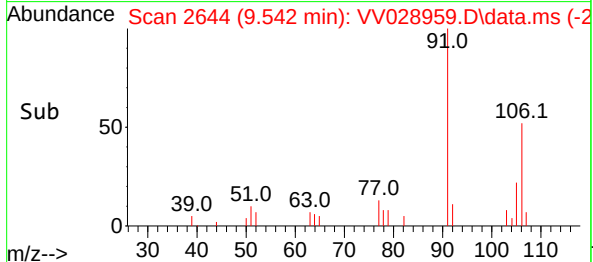
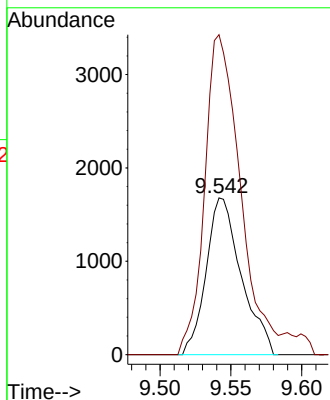
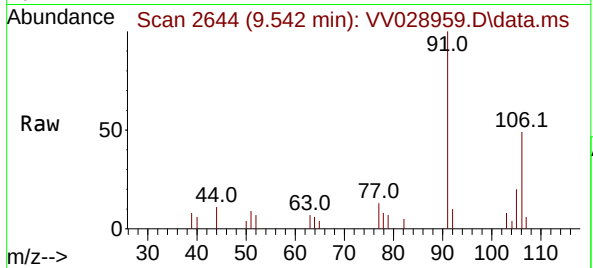




#54
o-Xylene
Concen: 0.089 ug/L
RT: 9.542 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion:106 Resp: 2897
Ion Ratio Lower Upper
106 100
91 204.1 145.7 270.7



#60
Isopropylbenzene
Concen: 0.067 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.007 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion:105 Resp: 5341
Ion Ratio Lower Upper
105 100
120 22.9 21.3 31.9
77 15.9 11.8 17.8

