

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028967.D
 Acq On : 15 Nov 2022 03:23
 Operator : SY/MD
 Sample : N5604-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C1

Quant Time: Nov 15 05:38:10 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

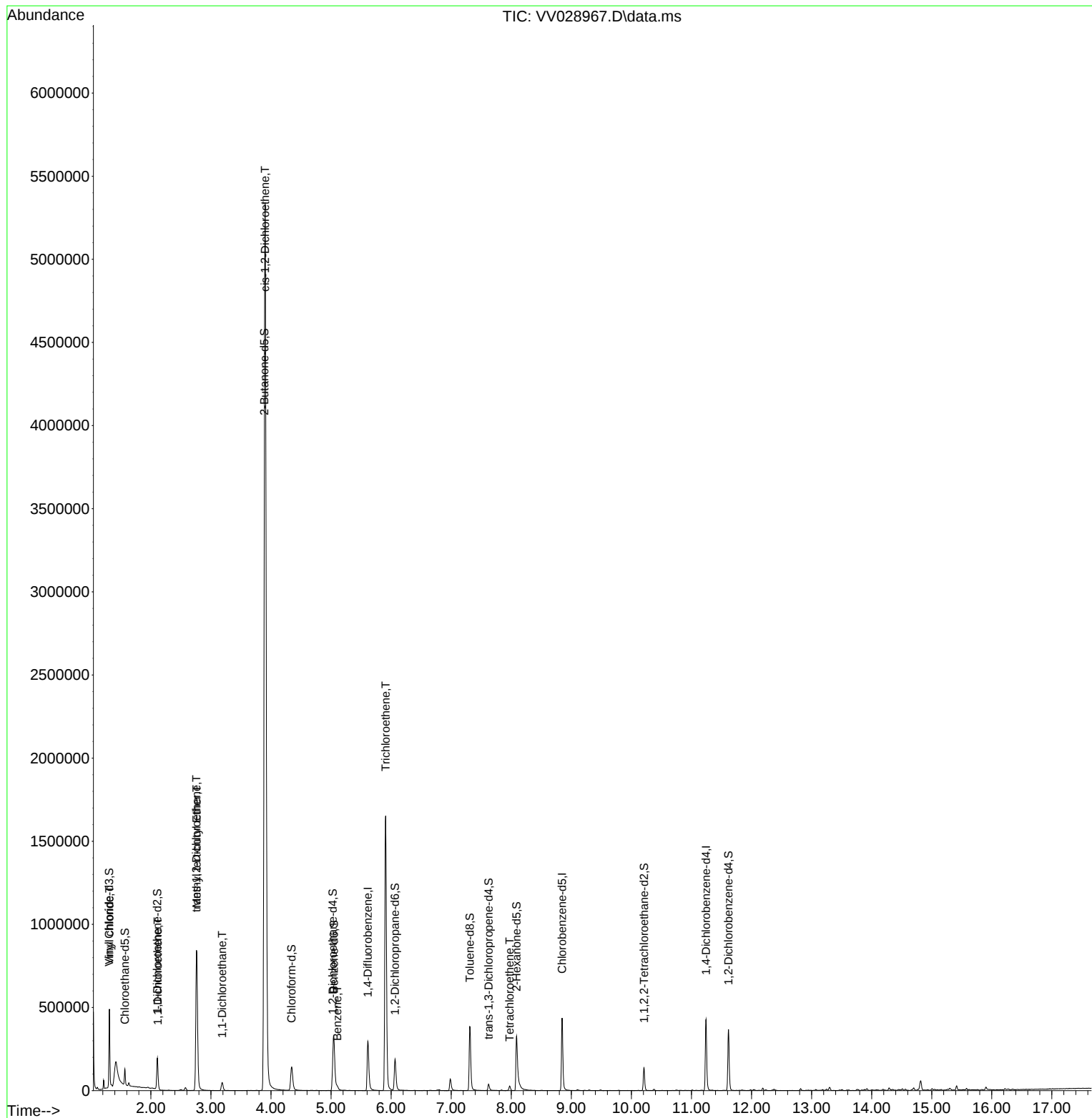
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	282687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	264830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58097	3.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.568	69	61956	4.089	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.108	63	89453	2.848	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	3.889	46	160206	55.533	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.060%	
24) Chloroform-d	4.342	84	155070	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.027	65	74128	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.047	84	315478	3.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.066	67	96022	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.310	98	283228	3.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.622	79	25417	3.531	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.600%	
46) 2-Hexanone-d5	8.088	63	143729	46.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.540%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67665	4.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	103157	4.669	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
5) Vinyl chloride	1.310	62	228997	10.265	ug/L	96
12) 1,1-Dichloroethene	2.117	96	7551	0.441	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	686742	18.718	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	99273	5.002	ug/L	96
19) 1,1-Dichloroethane	3.188	63	49350	1.521	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	3179277	157.563	ug/L	98
33) Benzene	5.101	78	28454	0.352	ug/L	100
34) Trichloroethene	5.908	95	594689	28.704	ug/L	98
47) Tetrachloroethene	7.973	164	7002	0.422	ug/L	98

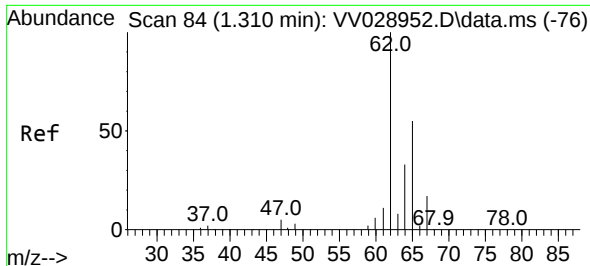
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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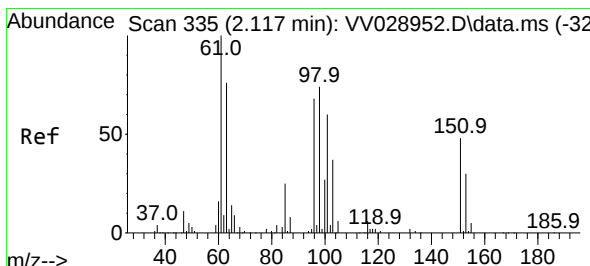
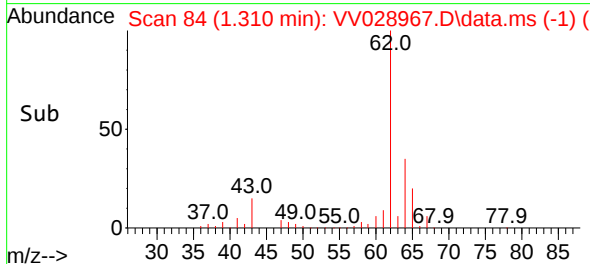
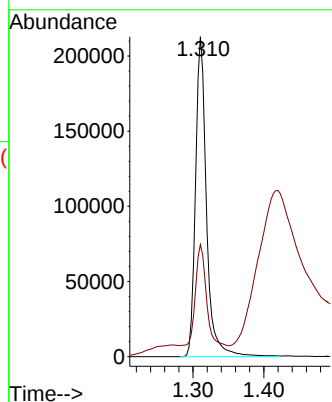
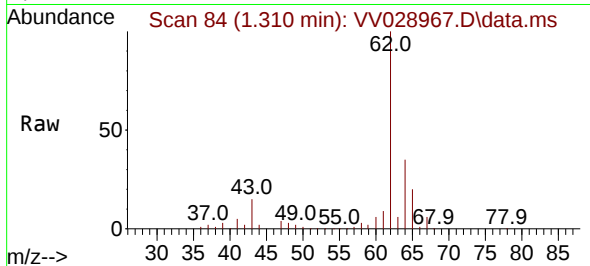




#5
 Vinyl chloride
 Concen: 10.265 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028967.D
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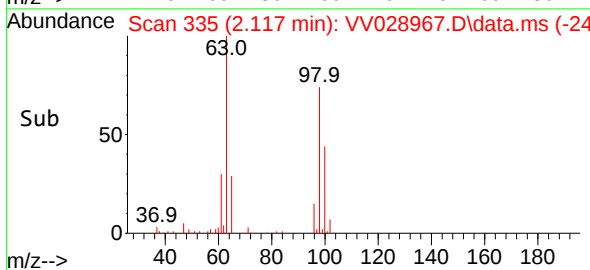
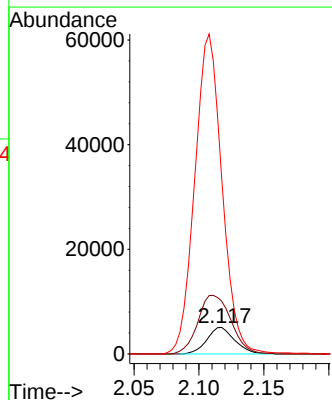
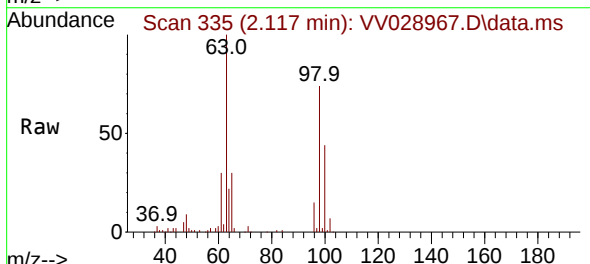
Instrument :
 MSVOA_V
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 H46C1

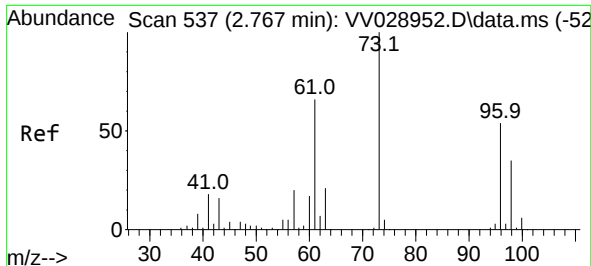
Tgt Ion: 62 Resp: 228997
 Ion Ratio Lower Upper
 62 100
 64 35.0 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.441 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV028967.D
 Acq: 15 Nov 2022 03:23

Tgt Ion: 96 Resp: 7551
 Ion Ratio Lower Upper
 96 100
 61 198.9 104.2 193.4#
 63 666.0 75.9 140.9#

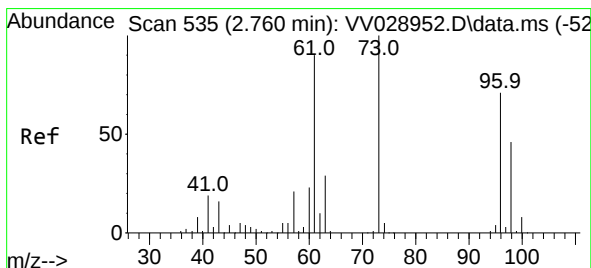
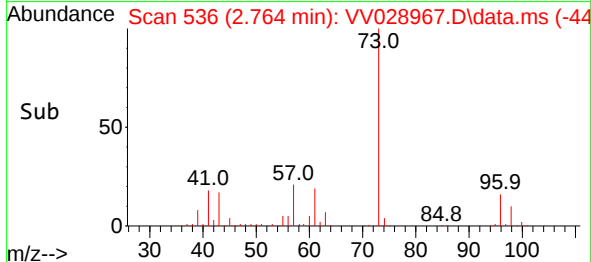
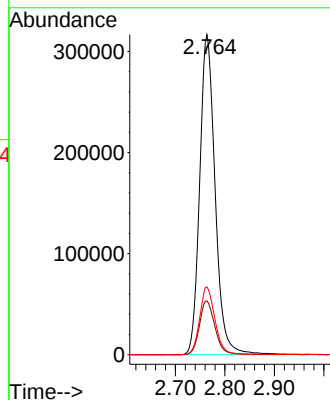
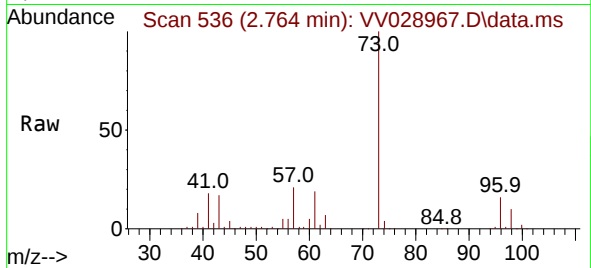




#17
Methyl tert-butyl Ether
Concen: 18.718 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028967.D
Acq: 15 Nov 2022 03:23

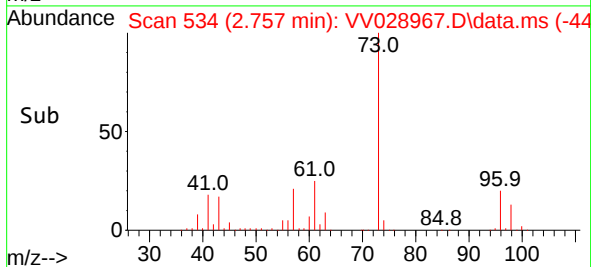
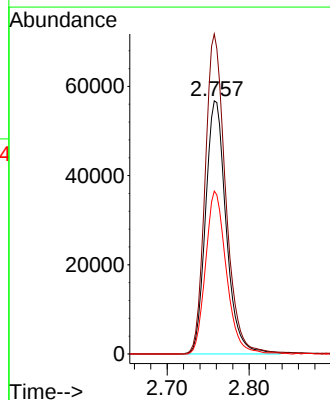
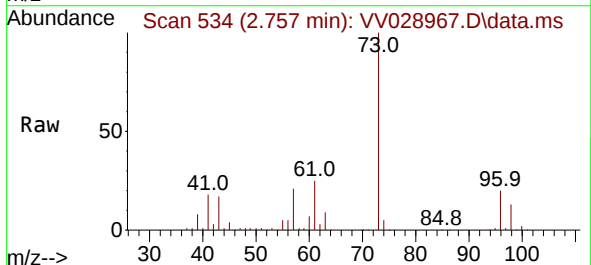
Instrument :
MSVOA_V
ClientSampleId :
H46C1

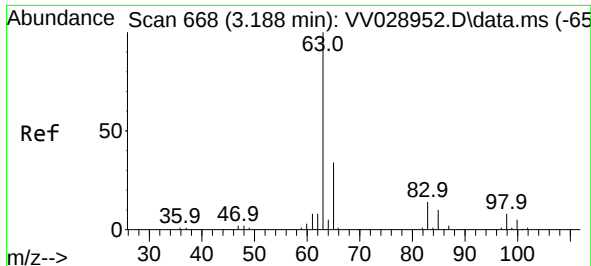
Tgt Ion: 73 Resp: 686742
Ion Ratio Lower Upper
73 100
43 17.0 13.0 19.4
57 20.9 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.002 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028967.D
Acq: 15 Nov 2022 03:23

Tgt Ion: 96 Resp: 99273
Ion Ratio Lower Upper
96 100
61 126.4 91.8 170.6
98 64.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 1.521 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028967.D

Acq: 15 Nov 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

H46C1

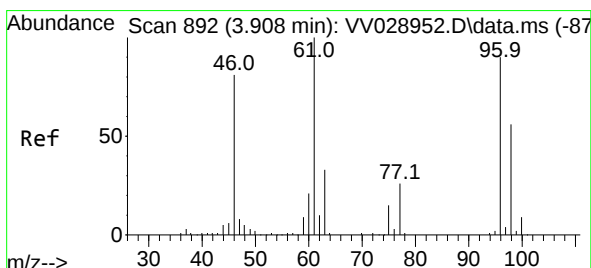
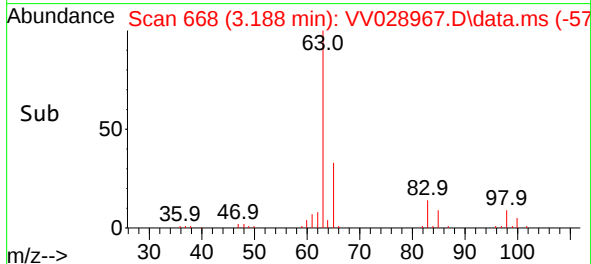
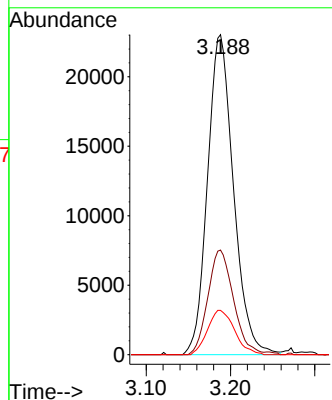
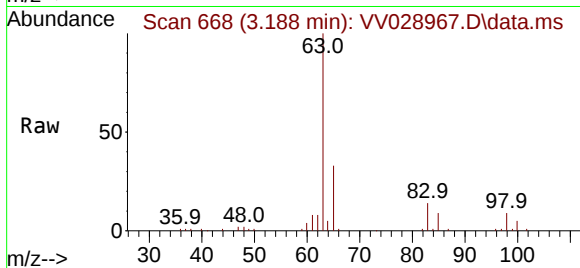
Tgt Ion: 63 Resp: 49350

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.6

83 13.9 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 157.563 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV028967.D

Acq: 15 Nov 2022 03:23

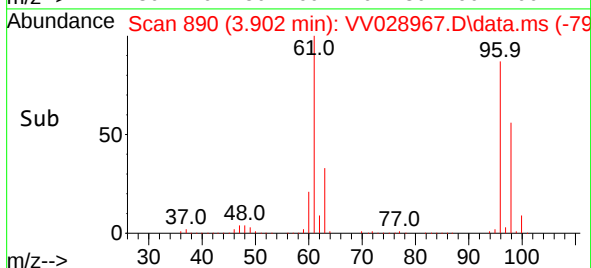
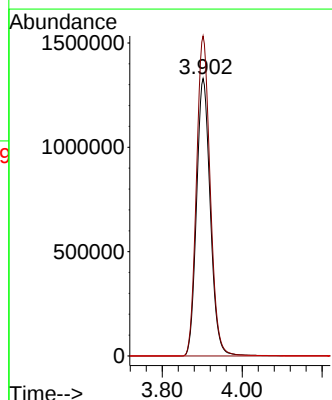
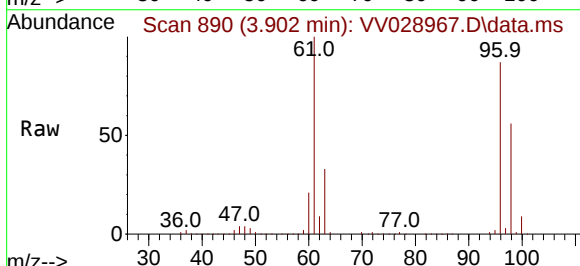
Tgt Ion: 96 Resp: 3179277

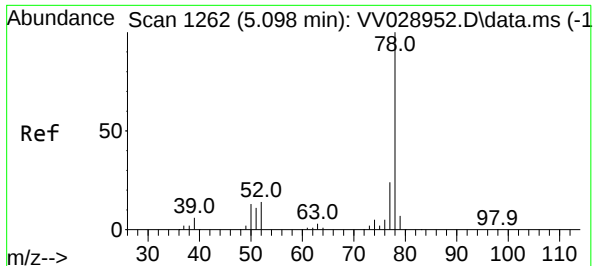
Ion Ratio Lower Upper

96 100

61 115.3 82.3 152.9

68 0.0 0.0 0.0

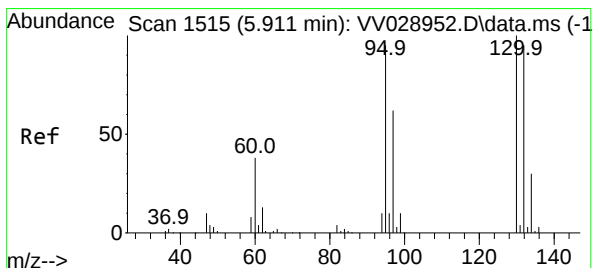
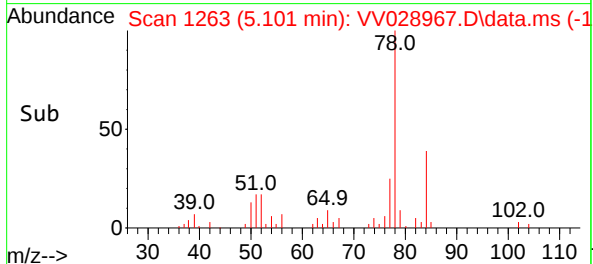
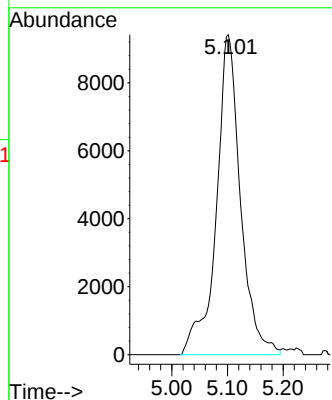
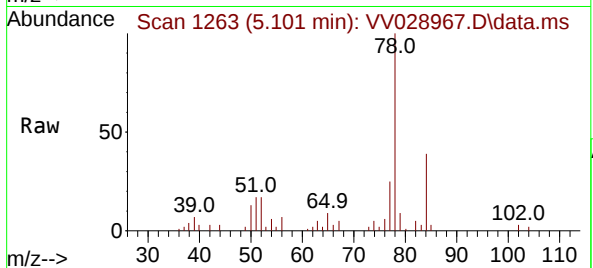




#33
Benzene
Concen: 0.352 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028967.D
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MSVOA_V
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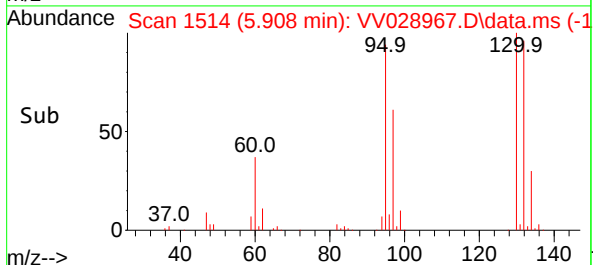
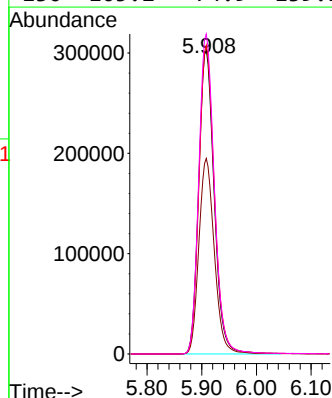
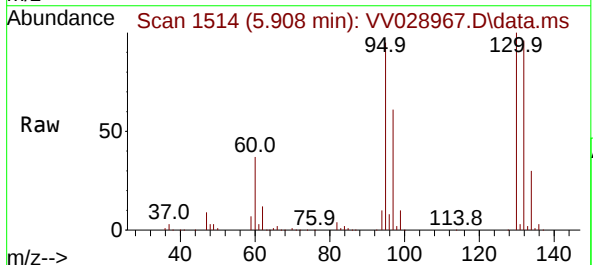
Tgt Ion: 78 Resp: 28454

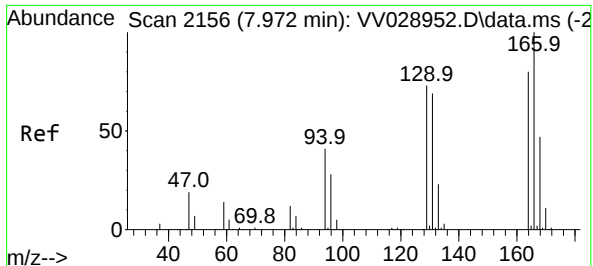


#34
Trichloroethene
Concen: 28.704 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV028967.D
Acq: 15 Nov 2022 03:23

Tgt Ion: 95 Resp: 594689

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.8
132	101.5	69.1	128.3
130	105.2	74.9	139.1





#47
 Tetrachloroethene
 Concen: 0.422 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028967.D
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Tgt Ion:164	Resp:	7002
Ion	Ratio	Lower Upper
164	100	
129	90.7	63.9 118.7
131	94.3	61.8 114.8
166	128.5	90.2 167.4

