

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029150.D
 Acq On : 19 Nov 2022 04:53
 Operator : SY/MD
 Sample : N5666-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26

Quant Time: Nov 19 06:05:45 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

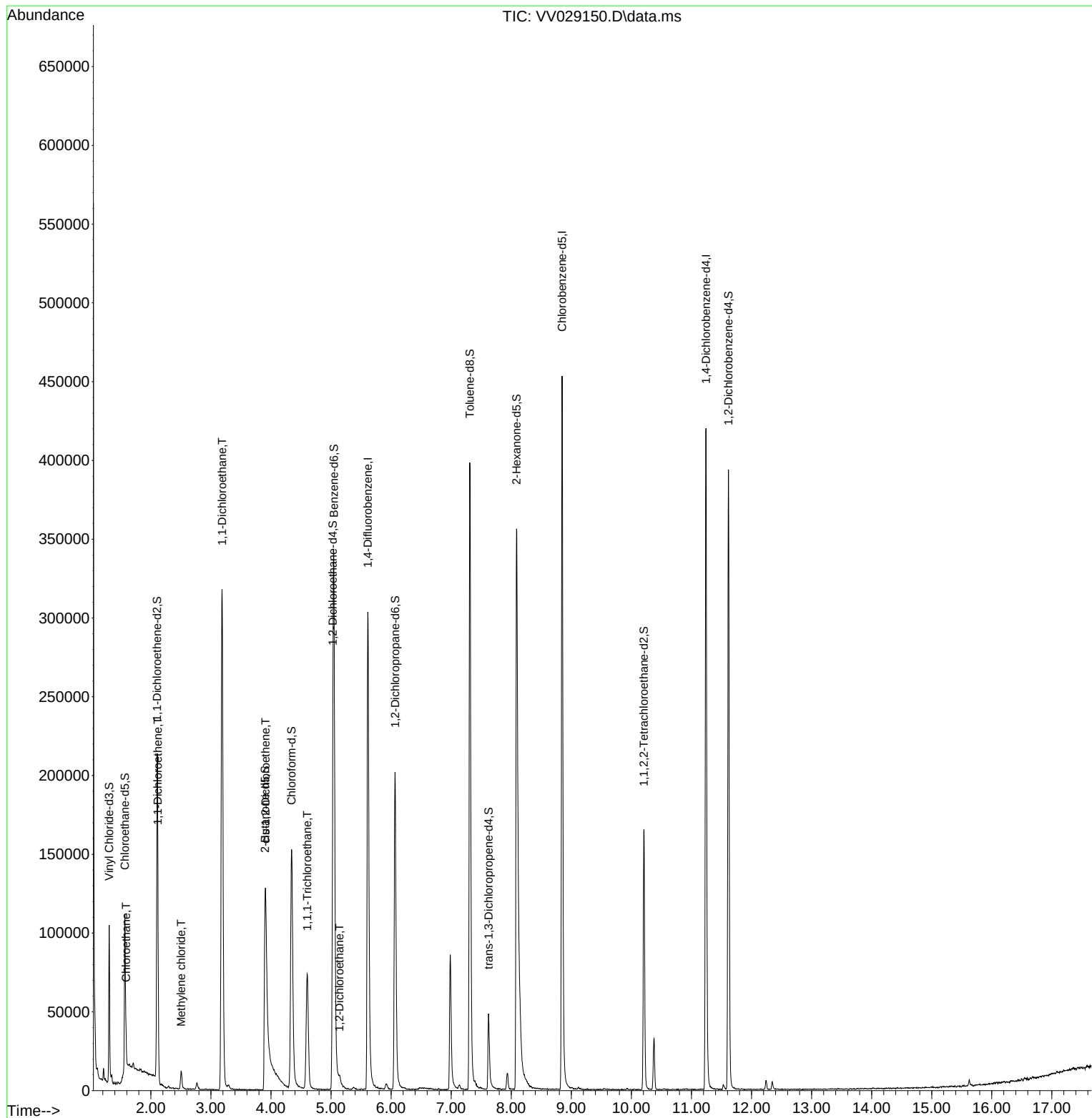
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	288444	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	118510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66826	3.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.000%	
7) Chloroethane-d5	1.568	69	62619	4.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.105	63	99780	3.114	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.200%	
20) 2-Butanone-d5	3.902	46	191022	64.893	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.780%	
24) Chloroform-d	4.342	84	167388	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.030	65	82005	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.047	84	329696	4.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.066	67	106975	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.310	98	287447	4.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	7.622	79	32236	4.464	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.088	63	159866	51.860	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.720%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	85587	5.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	108934	5.138	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
8) Chloroethane	1.587	64	53771	4.020	ug/L #	80
12) 1,1-Dichloroethene	2.117	96	14458	0.828	ug/L #	1
16) Methylene chloride	2.506	84	5273	0.234	ug/L	98
19) 1,1-Dichloroethane	3.185	63	327728	9.899	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	36710	1.783	ug/L	92
27) 1,2-Dichloroethane	5.140	62	5156	0.288	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	61871	1.985	ug/L	98

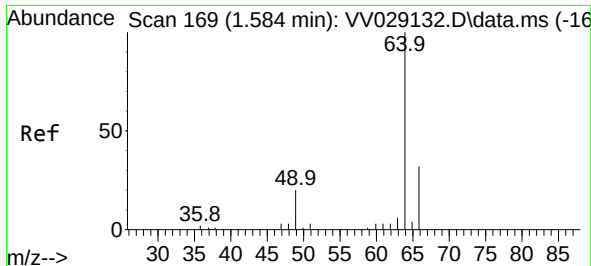
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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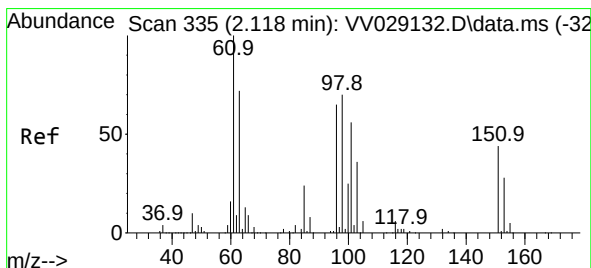
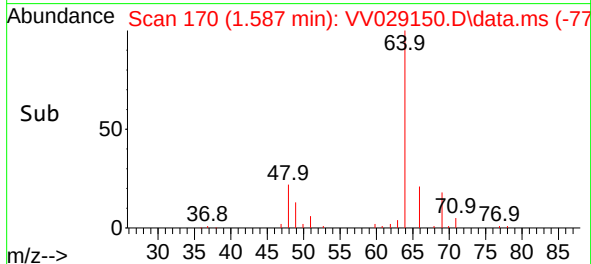
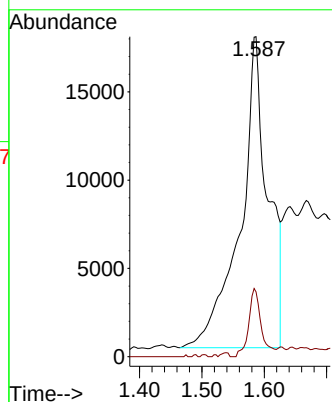
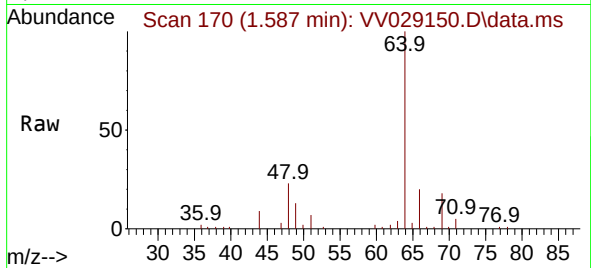




#8
Chloroethane
Concen: 4.020 ug/L
RT: 1.587 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029150.D
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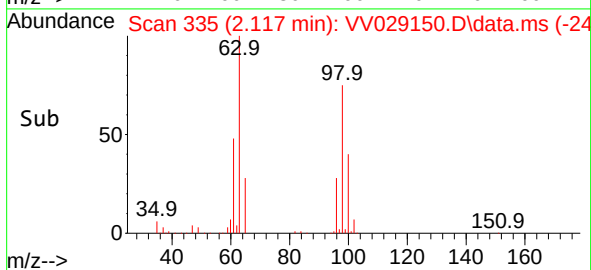
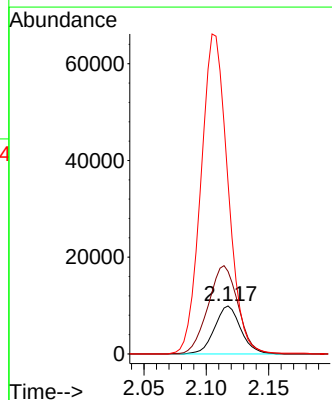
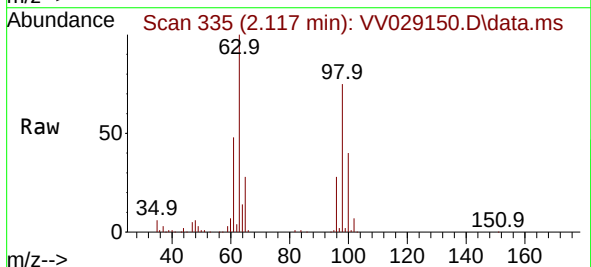
Instrument :
MSVOA_V
ClientSampleId :
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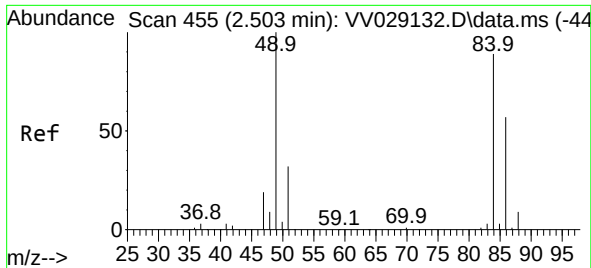
Tgt Ion: 64 Resp: 53771
Ion Ratio Lower Upper
64 100
66 20.2 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.828 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 96 Resp: 14458
Ion Ratio Lower Upper
96 100
61 172.3 104.2 193.4
63 357.5 75.9 140.9#

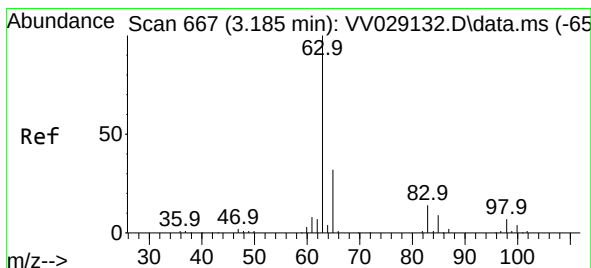
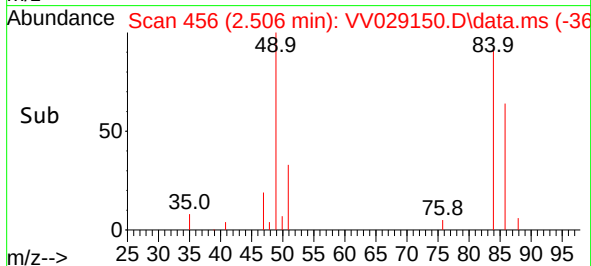
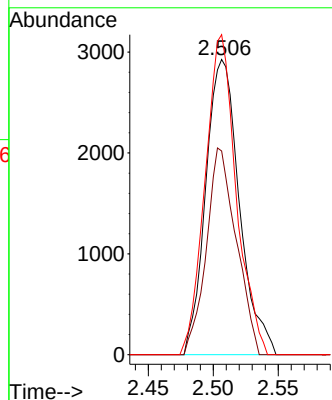
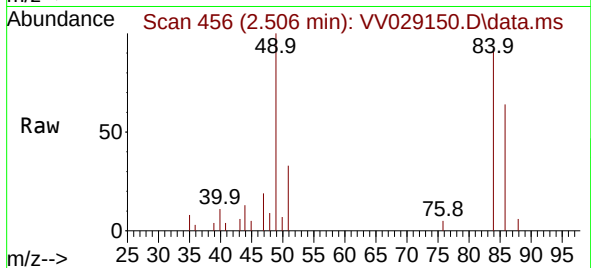




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

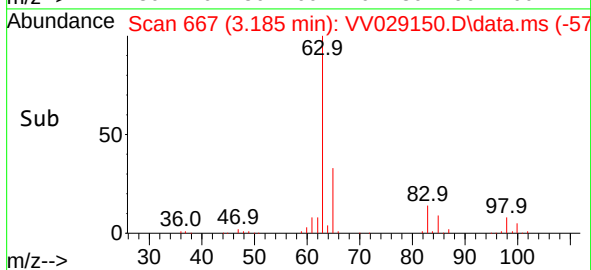
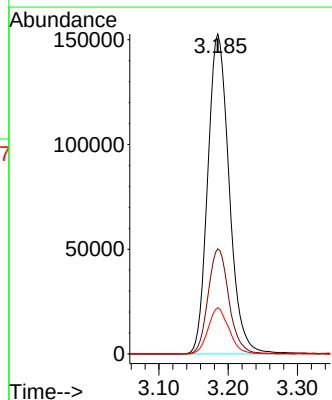
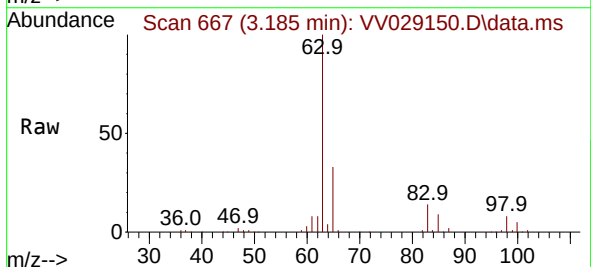
Instrument :
MSVOA_V
ClientSampleId :
BHB26

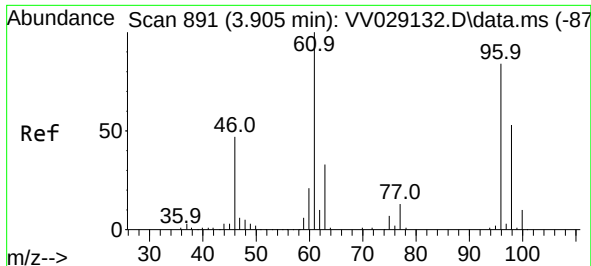
Tgt Ion: 84 Resp: 5273
Ion Ratio Lower Upper
84 100
86 69.0 45.8 85.0
49 108.4 75.5 140.1



#19
1,1-Dichloroethane
Concen: 9.899 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 63 Resp: 327728
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 14.4 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 1.783 ug/L

RT: 3.908 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV029150.D

Acq: 19 Nov 2022 04:53

Instrument :

MSVOA_V

ClientSampleId :

BHB26

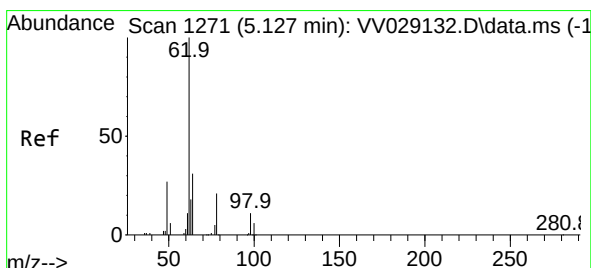
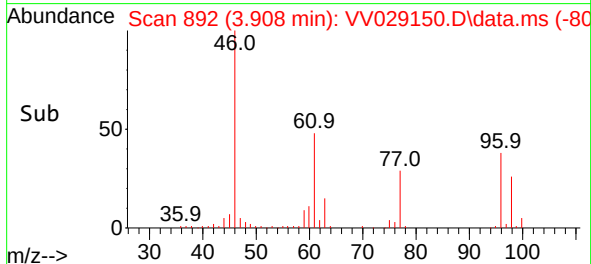
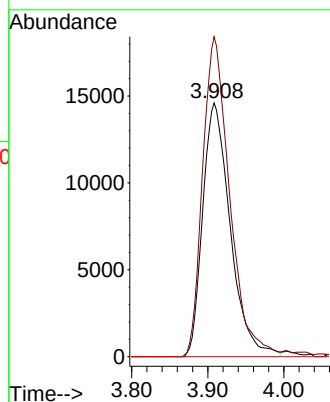
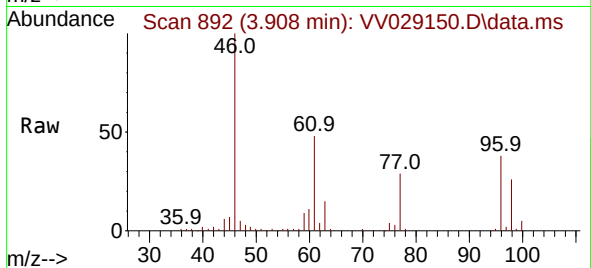
Tgt Ion: 96 Resp: 36710

Ion Ratio Lower Upper

96 100

61 126.1 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.288 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.006 min

Lab File: VV029150.D

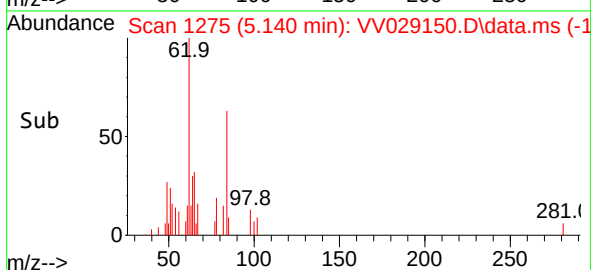
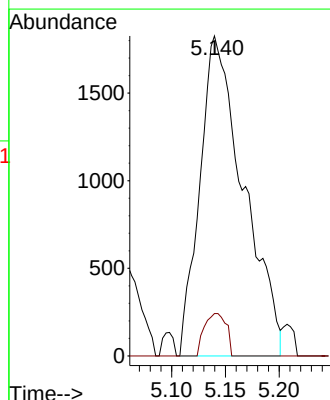
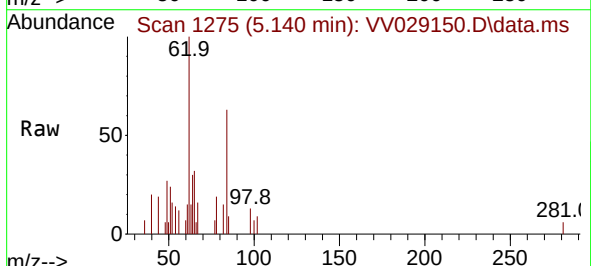
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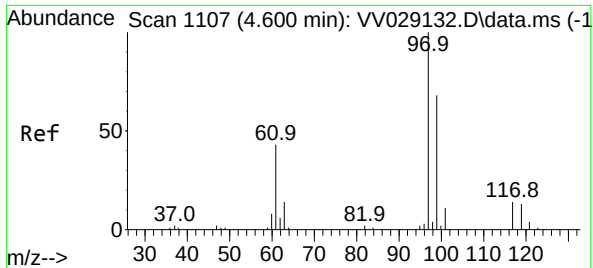
Tgt Ion: 62 Resp: 5156

Ion Ratio Lower Upper

62 100

98 13.3 9.0 13.6





#29
 1,1,1-Trichloroethane
 Concen: 1.985 ug/L
 RT: 4.606 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV029150.D
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Tgt Ion: 97 Resp: 61871

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.7	79.1
61	42.6	33.8	50.6

