

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029182.D
 Acq On : 19 Nov 2022 19:50
 Operator : SY/MD
 Sample : N5694-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB44

Quant Time: Nov 20 01:01:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

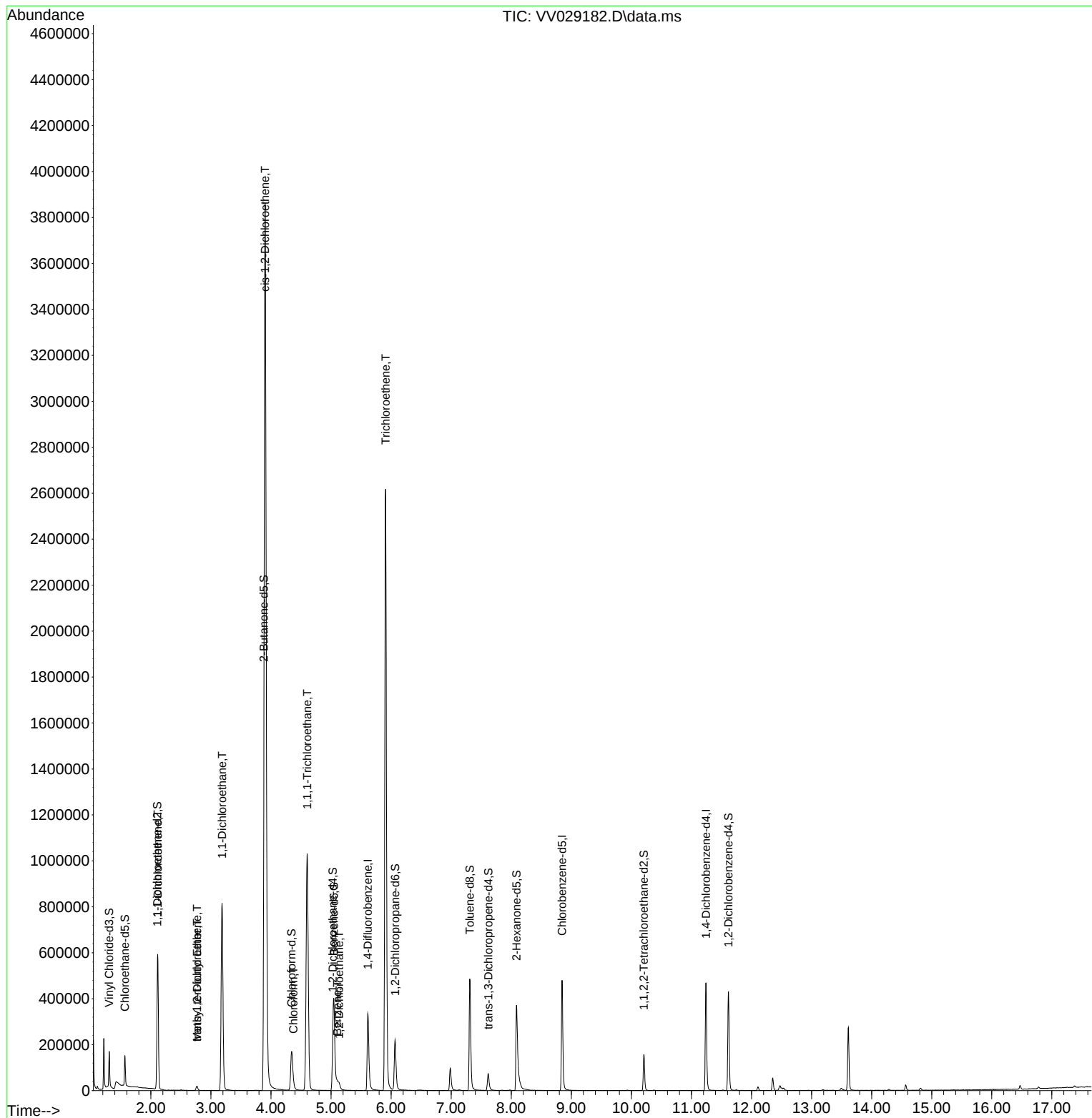
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	315522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	134192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109161	5.675	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.400%	
7) Chloroethane-d5	1.568	69	87135	5.153	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.108	63	204377	5.830	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	116.600%	
20) 2-Butanone-d5	3.883	46	207473	64.433	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.860%	
24) Chloroform-d	4.342	84	184836	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.027	65	83917	4.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.047	84	405819	4.778	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.066	67	116002	4.891	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.310	98	345183	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.619	79	35392	4.575	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.088	63	160118	48.494	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	79362	4.826	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	120861	5.034	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.117	96	137637	7.206	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	11503	0.281	ug/L #	84
18) trans-1,2-Dichloroethene	2.770	96	3462	0.156	ug/L	98
19) 1,1-Dichloroethane	3.185	63	835526	23.071	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	2263188	100.490	ug/L	99
25) Chloroform	4.375	83	13922	0.367	ug/L	84
27) 1,2-Dichloroethane	5.137	62	25262	1.292	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	857595	25.684	ug/L	98
33) Benzene	5.104	78	34942	0.402	ug/L	100
34) Trichloroethene	5.908	95	934691	41.988	ug/L	99

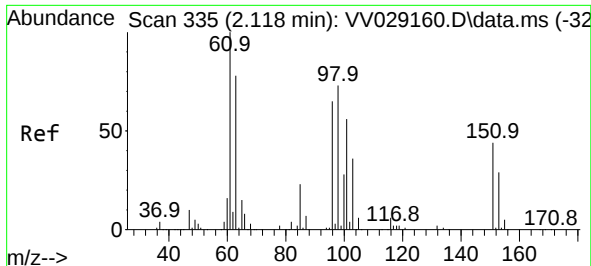
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.206 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

BHB44

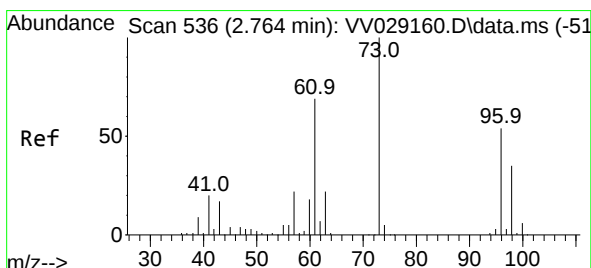
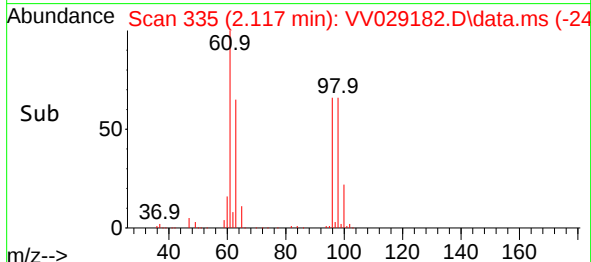
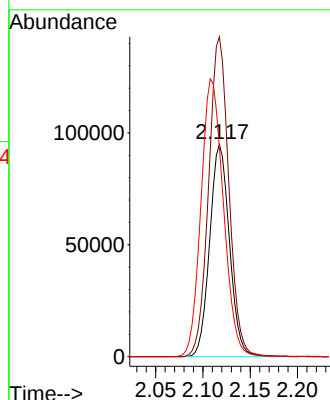
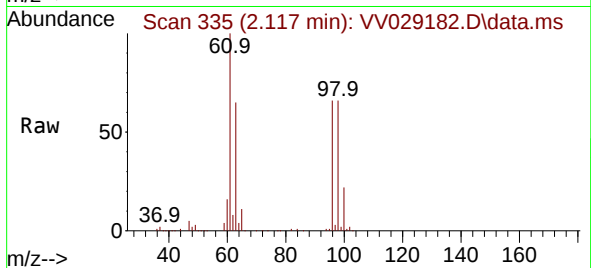
Tgt Ion: 96 Resp: 137637

Ion Ratio Lower Upper

96 100

61 150.7 104.2 193.4

63 98.6 75.9 140.9



#17

Methyl tert-butyl Ether

Concen: 0.281 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.006 min

Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

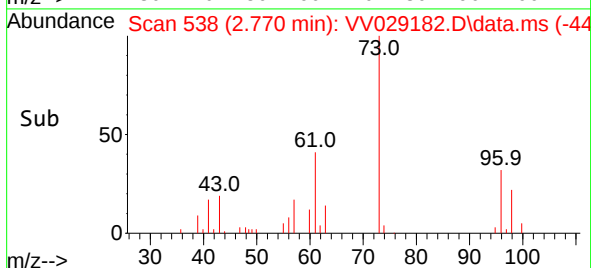
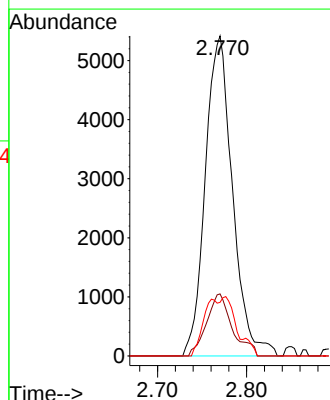
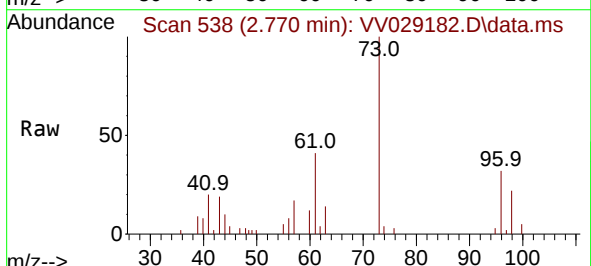
Tgt Ion: 73 Resp: 11503

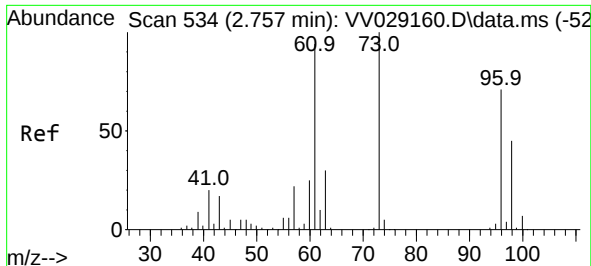
Ion Ratio Lower Upper

73 100

43 18.3 13.0 19.4

57 9.6 16.6 24.8#

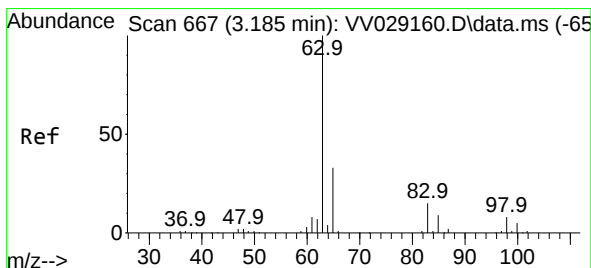
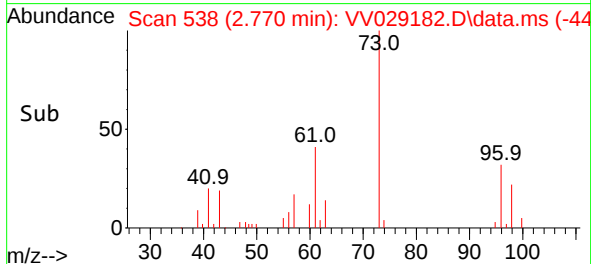
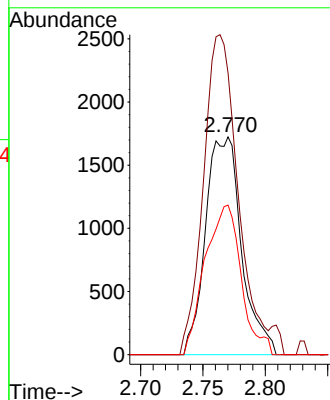
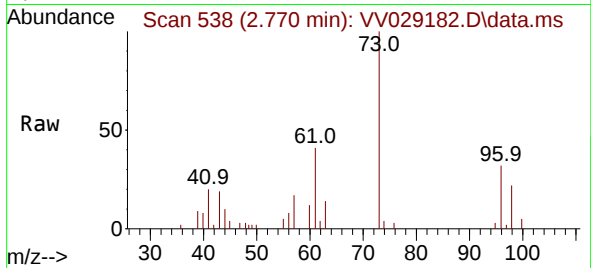




#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV029182.D
Acq: 19 Nov 2022 19:50

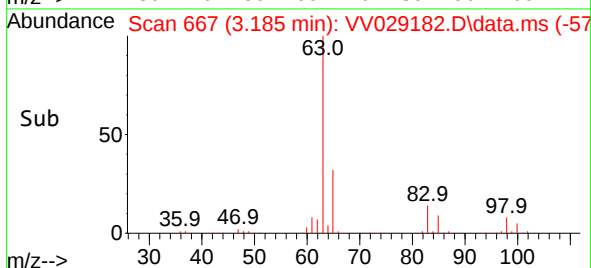
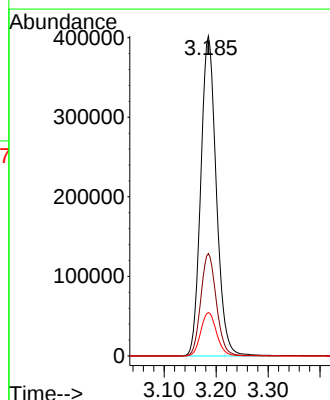
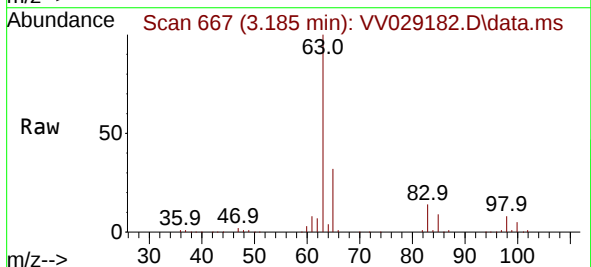
Instrument :
MSVOA_V
ClientSampleId :
BHB44

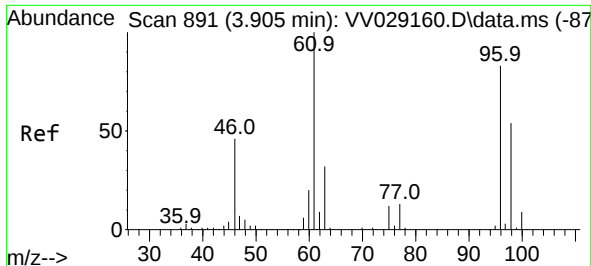
Tgt Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 129.5 91.8 170.6
98 68.7 46.4 86.2



#19
1,1-Dichloroethane
Concen: 23.071 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029182.D
Acq: 19 Nov 2022 19:50

Tgt Ion: 63 Resp: 835526
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.6 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 100.490 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

Instrument :

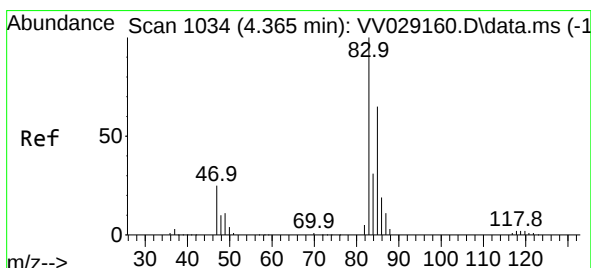
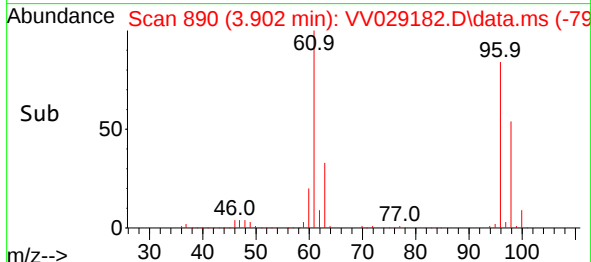
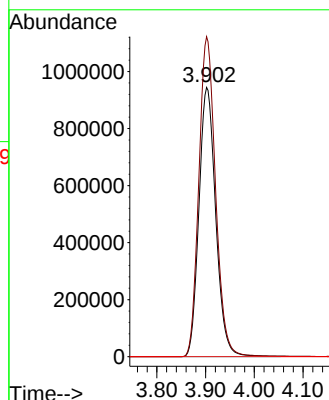
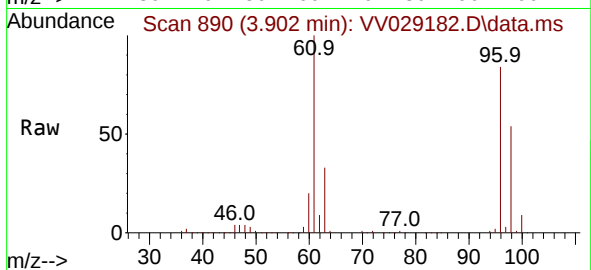
MSVOA_V

ClientSampleId :

BHB44

Tgt Ion: 96 Resp: 2263188

Ion	Ratio	Lower	Upper
96	100		
61	118.8	82.3	152.9
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.367 ug/L

RT: 4.375 min Scan# 1037

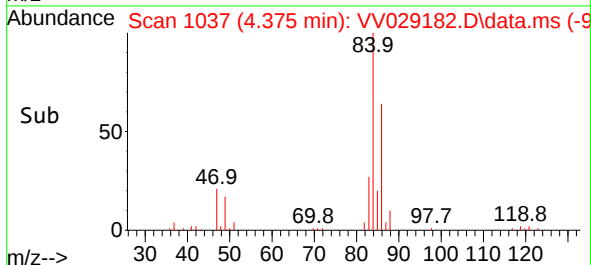
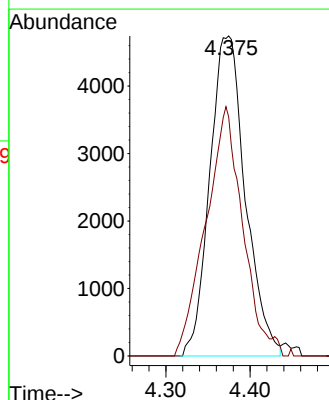
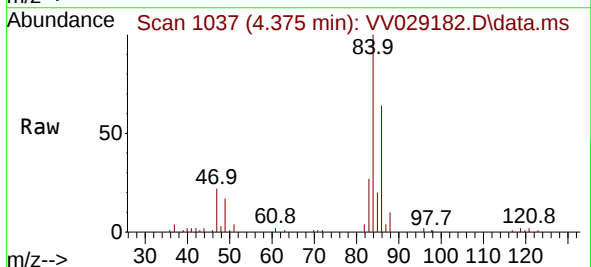
Delta R.T. 0.009 min

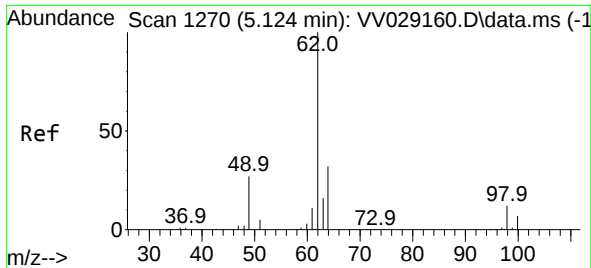
Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

Tgt Ion: 83 Resp: 13922

Ion	Ratio	Lower	Upper
83	100		
85	74.7	43.7	81.1





#27

1,2-Dichloroethane

Concen: 1.292 ug/L

RT: 5.137 min Scan# 1107

Delta R.T. 0.013 min

Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

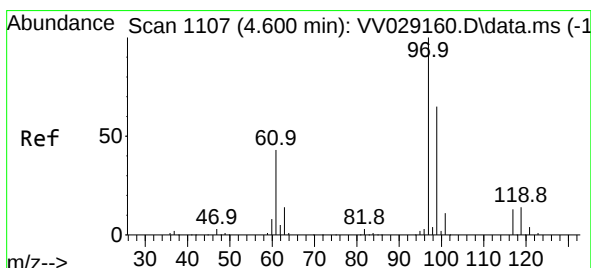
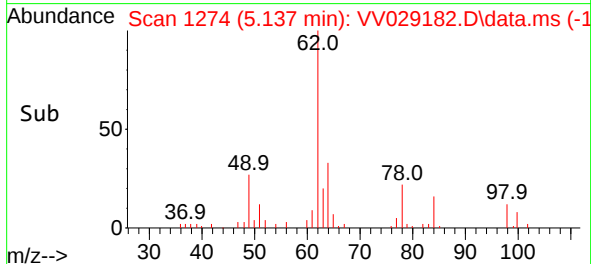
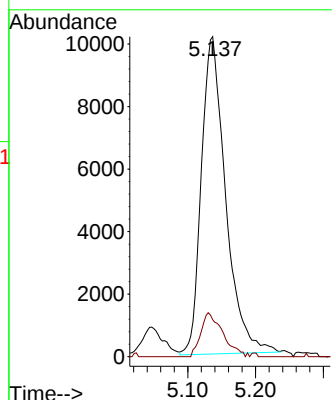
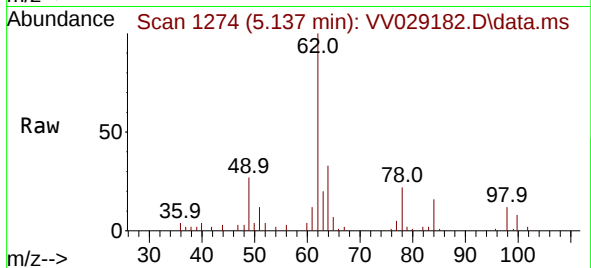
BHB44

Tgt Ion: 62 Resp: 25262

Ion Ratio Lower Upper

62 100

98 11.6 9.0 13.6



#29

1,1,1-Trichloroethane

Concen: 25.684 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV029182.D

Acq: 19 Nov 2022 19:50

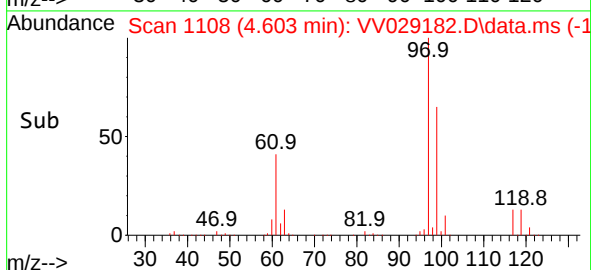
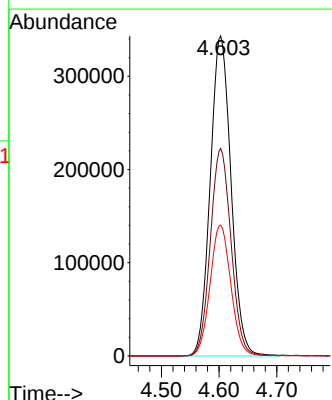
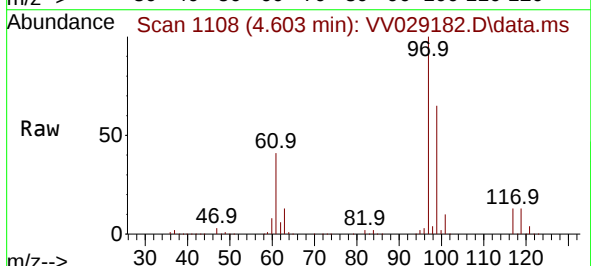
Tgt Ion: 97 Resp: 857595

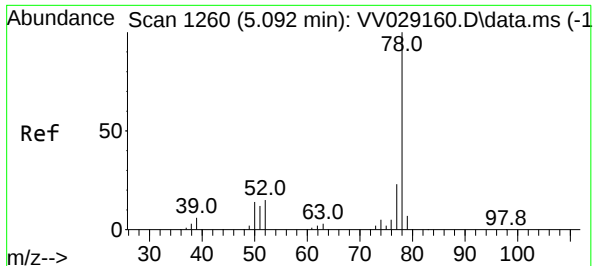
Ion Ratio Lower Upper

97 100

99 64.7 52.7 79.1

61 40.9 33.8 50.6

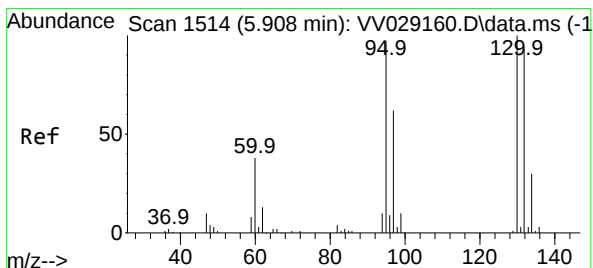
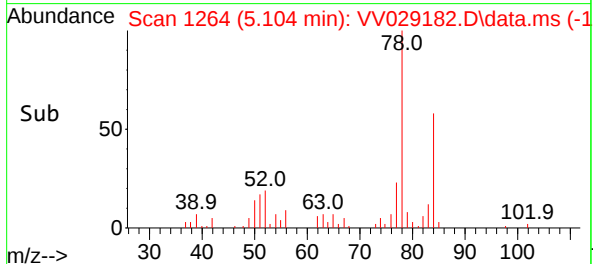
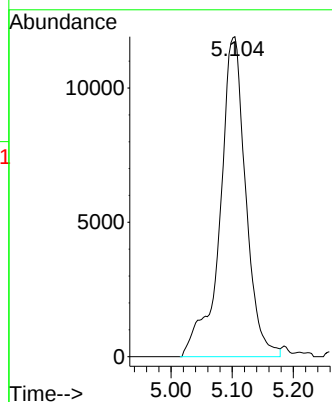
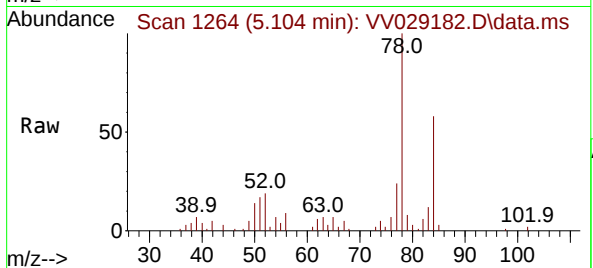




#33
Benzene
Concen: 0.402 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.013 min
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Acq: 19 Nov 2022 19:50

Instrument : MSVOA_V
ClientSampleId : BHB44

Tgt Ion: 78 Resp: 34942



#34
Trichloroethene
Concen: 41.988 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029182.D
Acq: 19 Nov 2022 19:50

Tgt Ion: 95 Resp: 934691

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.8
132	98.9	69.1	128.3
130	104.7	74.9	139.1

