

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029146.D
 Acq On : 19 Nov 2022 03:15
 Operator : SY/MD
 Sample : N5666-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGXP5

Quant Time: Nov 19 03:57:06 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)

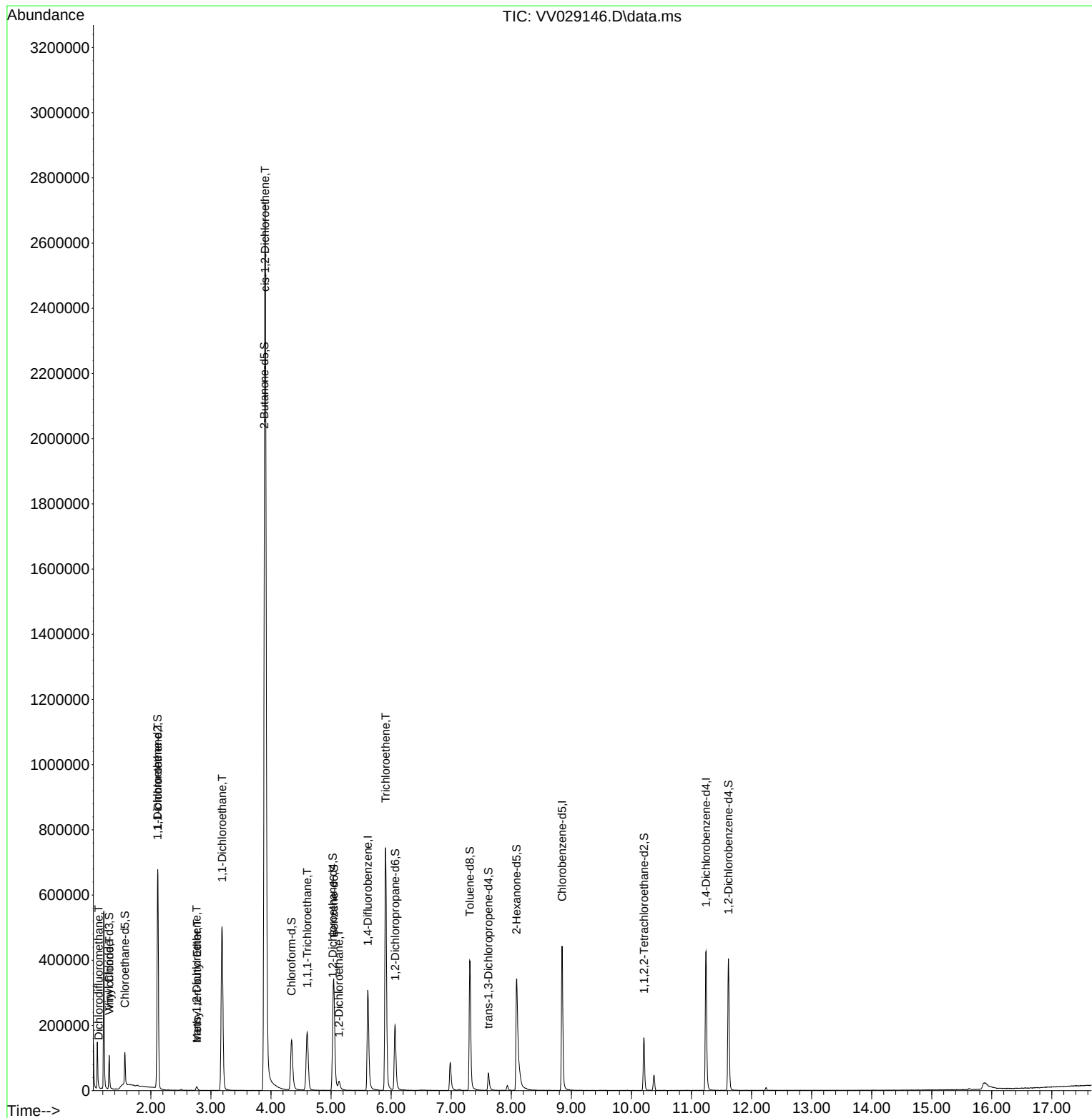
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	287587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	263086	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	120606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67568	3.854	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.568	69	64157	4.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.111	63	187523	5.869	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	117.400%	
20) 2-Butanone-d5	3.889	46	175666	59.854	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.700%	
24) Chloroform-d	4.342	84	165321	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.027	65	79612	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.047	84	327046	4.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.066	67	105731	4.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.310	98	285140	4.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	7.619	79	33679	4.709	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.088	63	153448	50.266	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.540%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81879	5.386	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	111269	5.157	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	1887	0.079	ug/L	97
5) Vinyl chloride	1.310	62	3679	0.162	ug/L #	40
12) 1,1-Dichloroethene	2.118	96	183193	10.523	ug/L #	85
17) Methyl tert-butyl Ether	2.770	73	4102	0.110	ug/L #	92
18) trans-1,2-Dichloroethene	2.761	96	3263	0.162	ug/L	99
19) 1,1-Dichloroethane	3.185	63	515578	15.620	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	1586955	77.308	ug/L	98
27) 1,2-Dichloroethane	5.133	62	24509	1.375	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	146632	4.750	ug/L	99
34) Trichloroethene	5.908	95	271474	13.190	ug/L	98

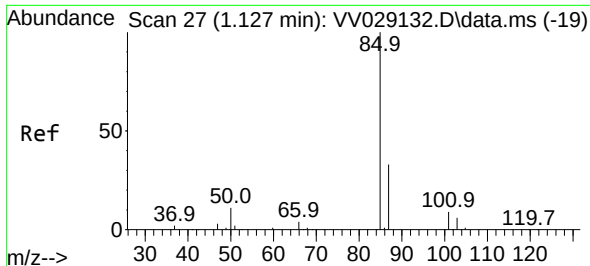
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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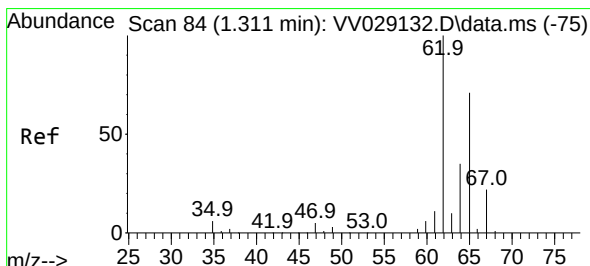
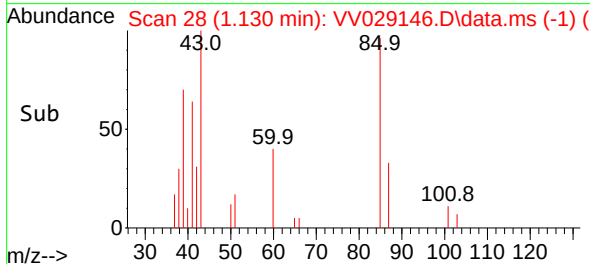
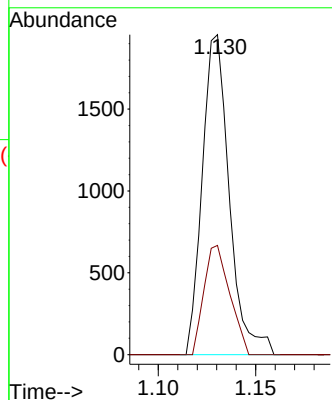
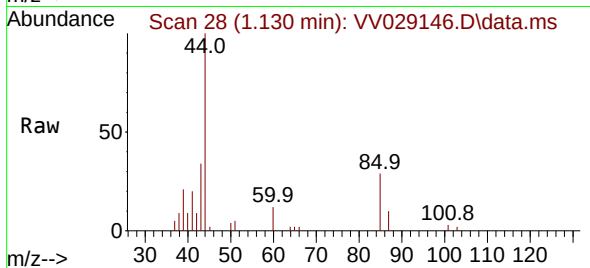




#2
 Dichlorodifluoromethane
 Concen: 0.079 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV029146.D
 Acq: 19 Nov 2022 03:15

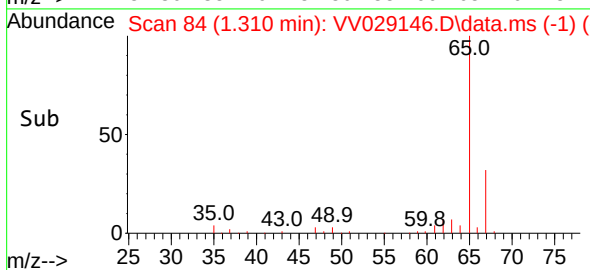
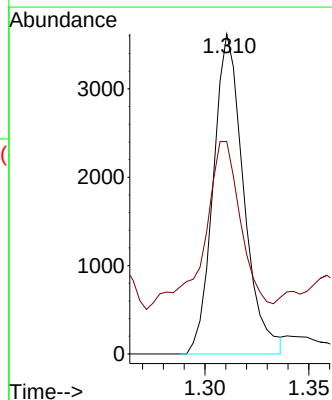
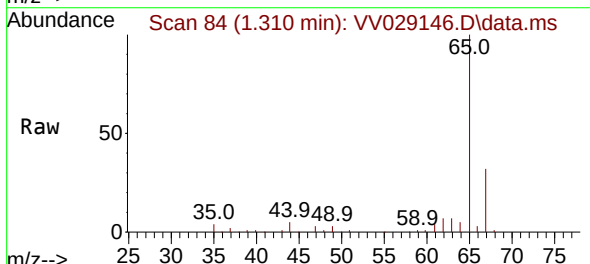
Instrument :
 MSVOA_V
 ClientSampleId :
 BGXP5

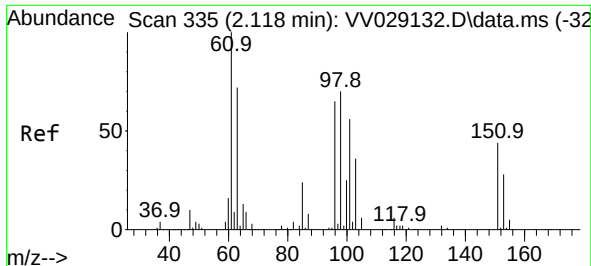
Tgt Ion: 85 Resp: 1887
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.0 37.4



#5
 Vinyl chloride
 Concen: 0.162 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029146.D
 Acq: 19 Nov 2022 03:15

Tgt Ion: 62 Resp: 3679
 Ion Ratio Lower Upper
 62 100
 64 66.4 22.8 42.4#

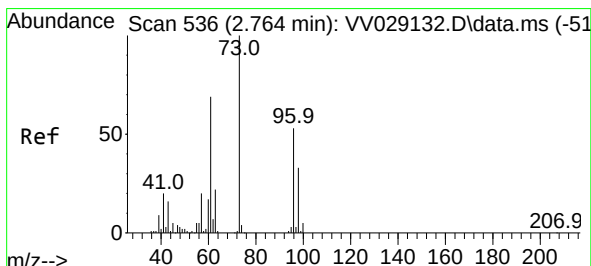
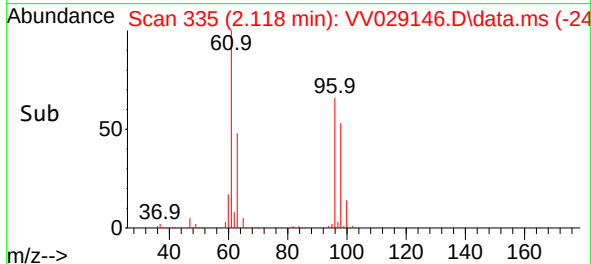
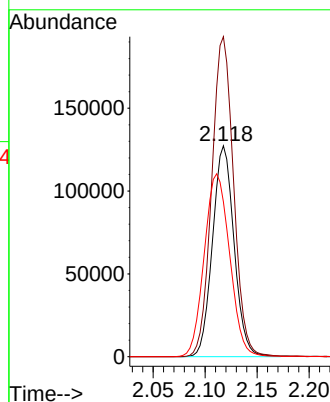
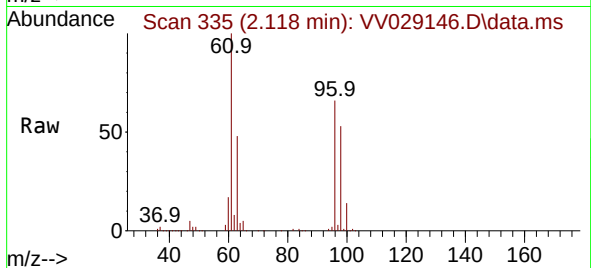




#12
1,1-Dichloroethene
Concen: 10.523 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029146.D
Acq: 19 Nov 2022 03:15

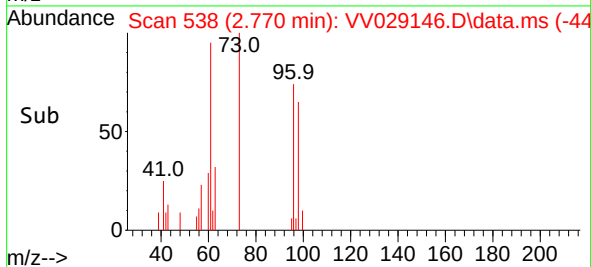
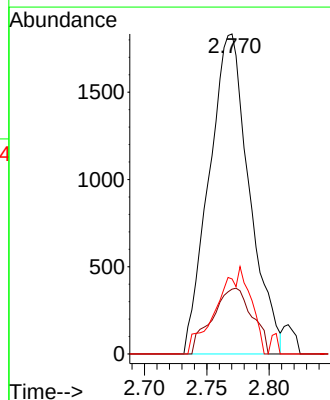
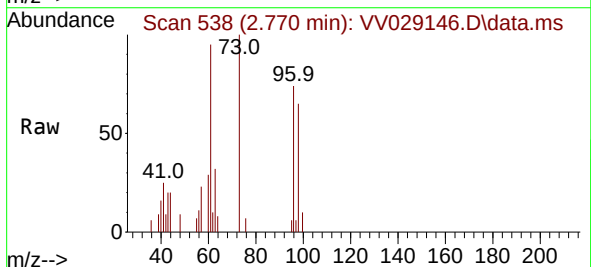
Instrument :
MSVOA_V
ClientSampleId :
BGXP5

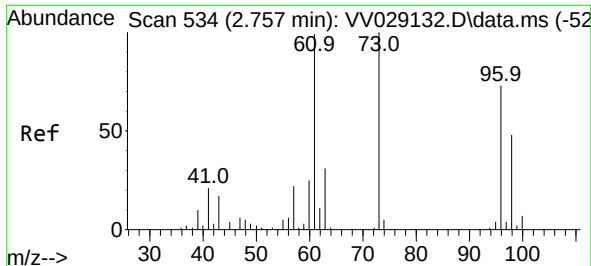
Tgt Ion: 96 Resp: 183193
Ion Ratio Lower Upper
96 100
61 151.8 104.2 193.4
63 73.4 75.9 140.9#



#17
Methyl tert-butyl Ether
Concen: 0.110 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV029146.D
Acq: 19 Nov 2022 03:15

Tgt Ion: 73 Resp: 4102
Ion Ratio Lower Upper
73 100
43 20.5 13.0 19.4#
57 23.4 16.6 24.8

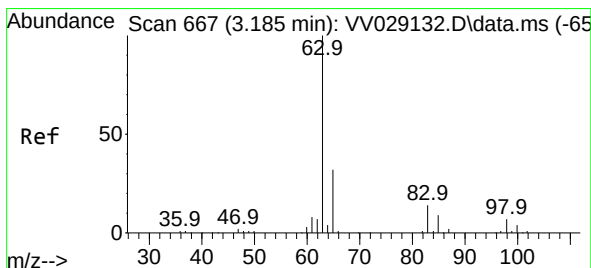
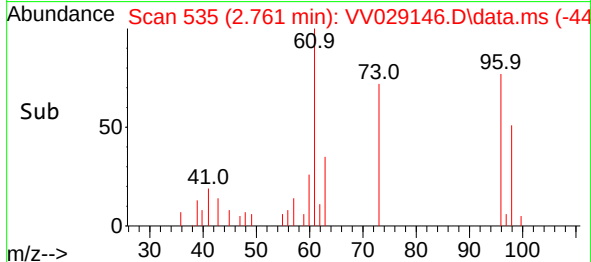
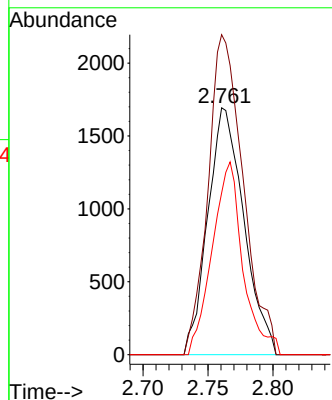
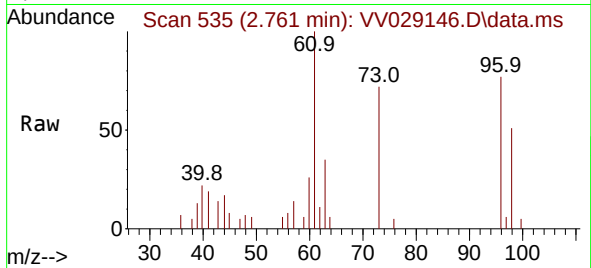




#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029146.D
Acq: 19 Nov 2022 03:15

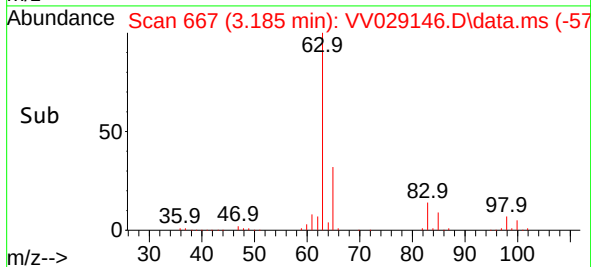
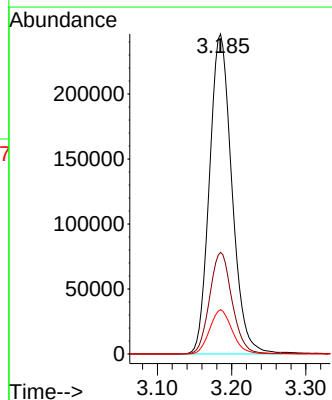
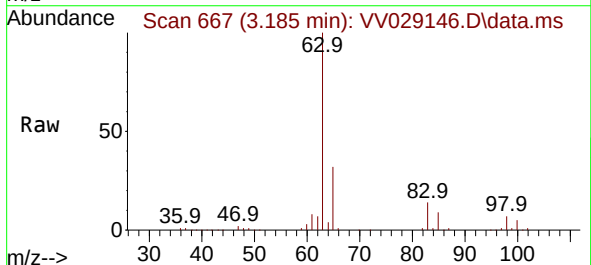
Instrument :
MSVOA_V
ClientSampleId :
BGXP5

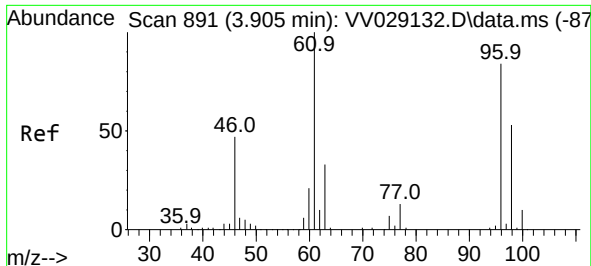
Tgt Ion: 96 Resp: 3263
Ion Ratio Lower Upper
96 100
61 129.7 91.8 170.6
98 65.6 46.4 86.2



#19
1,1-Dichloroethane
Concen: 15.620 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029146.D
Acq: 19 Nov 2022 03:15

Tgt Ion: 63 Resp: 515578
Ion Ratio Lower Upper
63 100
65 31.7 23.0 42.6
83 13.8 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 77.308 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.010 min

Lab File: VV029146.D

Acq: 19 Nov 2022 03:15

Instrument :

MSVOA_V

ClientSampleId :

BGXP5

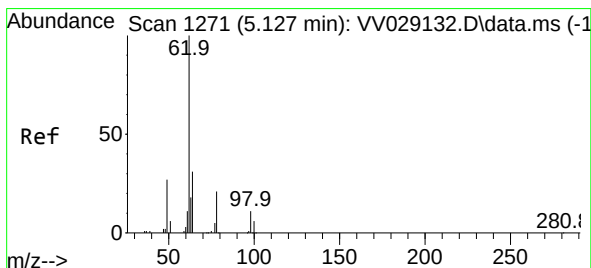
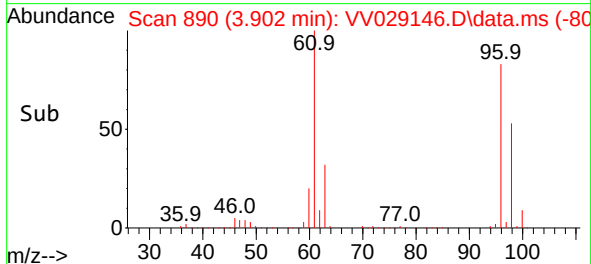
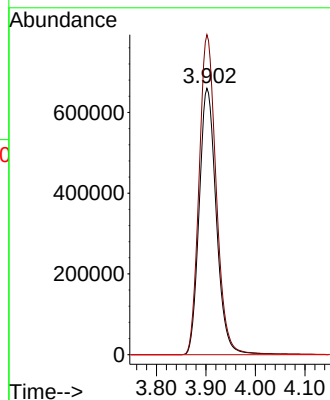
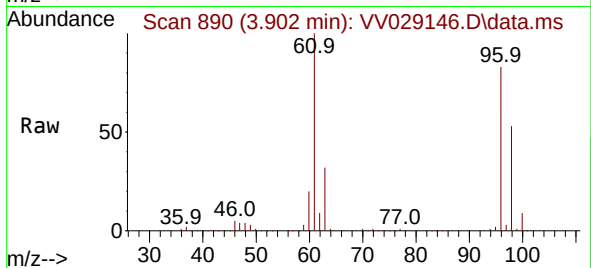
Tgt Ion: 96 Resp: 1586955

Ion Ratio Lower Upper

96 100

61 120.1 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 1.375 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV029146.D

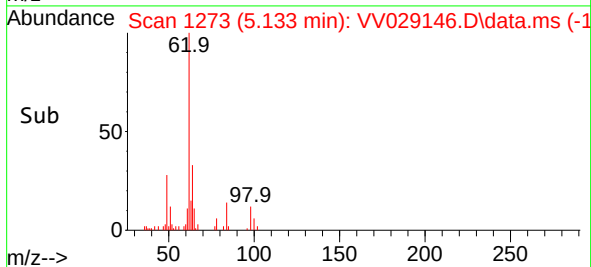
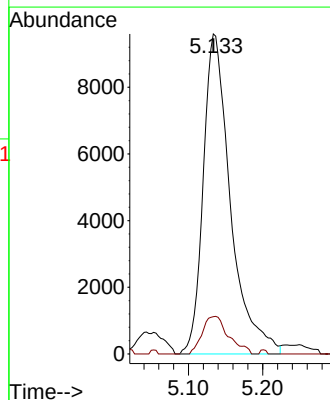
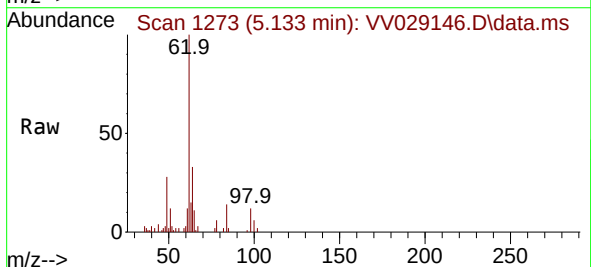
Acq: 19 Nov 2022 03:15

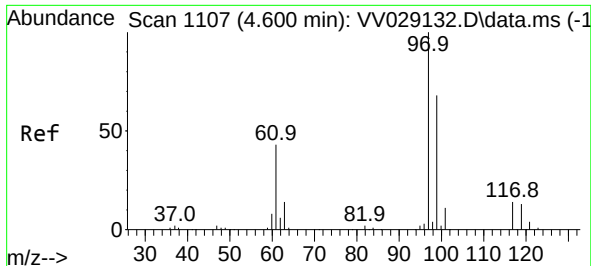
Tgt Ion: 62 Resp: 24509

Ion Ratio Lower Upper

62 100

98 11.7 9.0 13.6

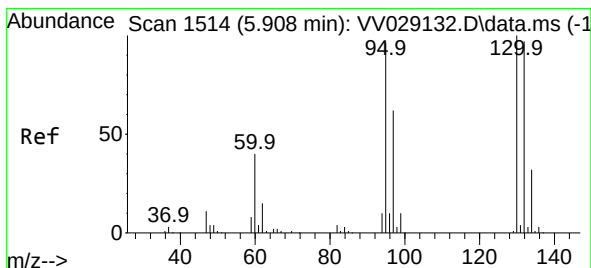
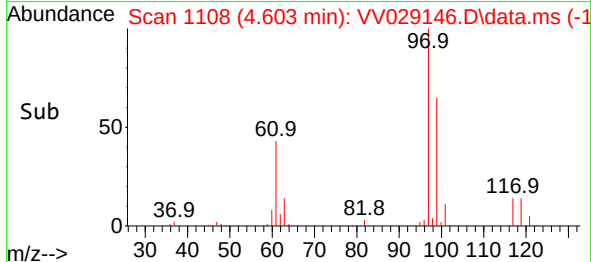
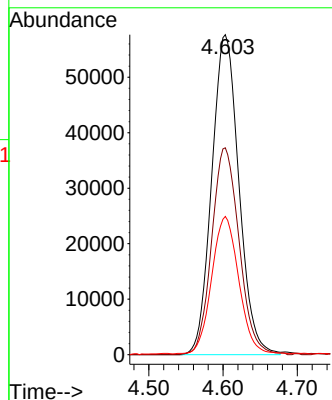
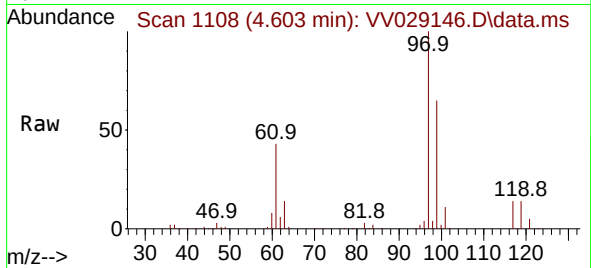




#29
1,1,1-Trichloroethane
Concen: 4.750 ug/L
RT: 4.603 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV029146.D
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Tgt Ion: 97 Resp: 146632
Ion Ratio Lower Upper
97 100
99 65.2 52.7 79.1
61 42.7 33.8 50.6



#34
Trichloroethene
Concen: 13.190 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV029146.D
Acq: 19 Nov 2022 03:15

Tgt Ion: 95 Resp: 271474
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.8
132 99.9 69.1 128.3
130 102.5 74.9 139.1

