

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026376.D
 Acq On : 17 Jun 2022 13:03
 Operator : SY/MD
 Sample : N3318-03DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

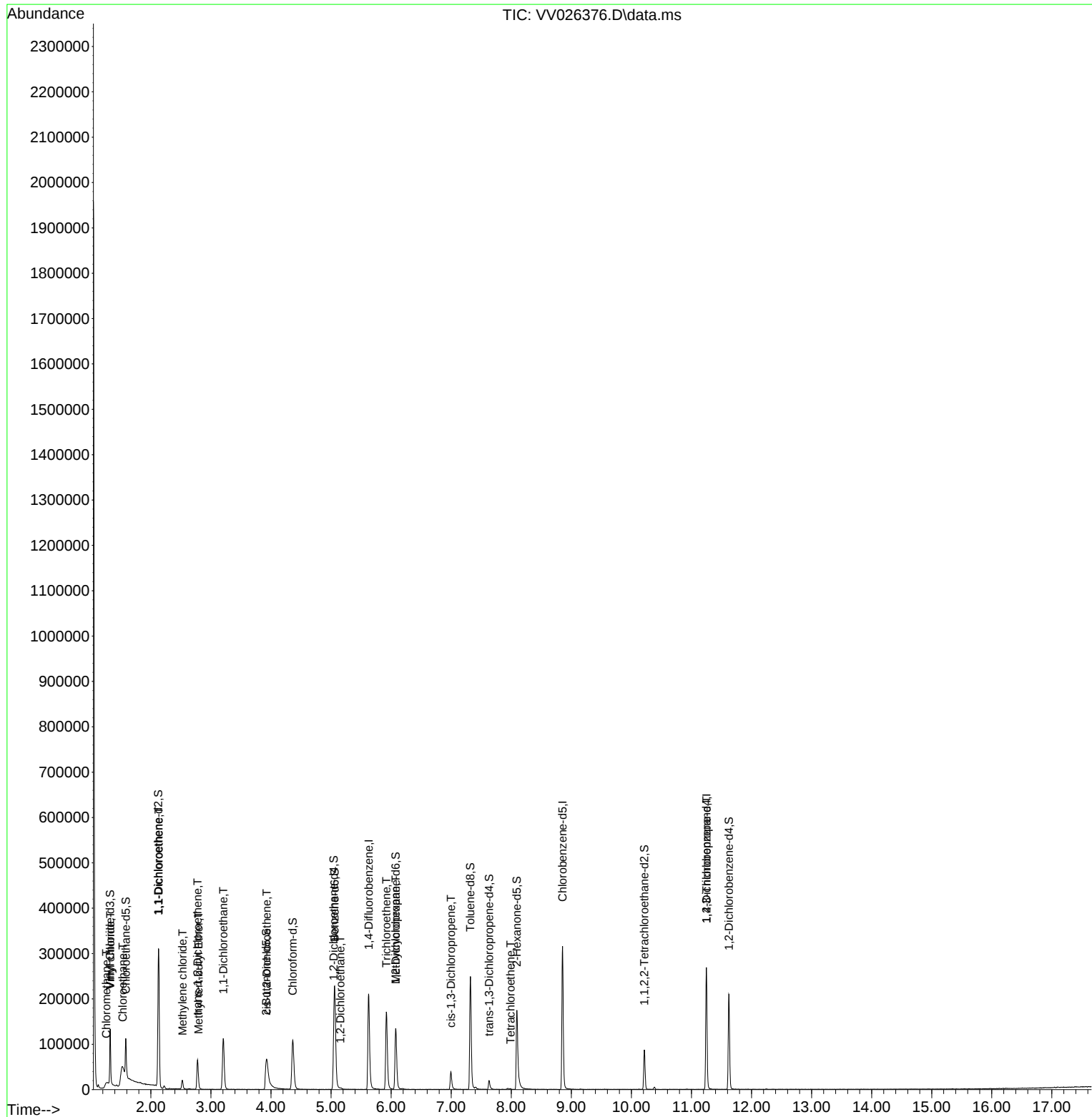
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	190567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57793	3.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.584	69	53433	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.124	63	117756	4.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	3.921	46	84758	52.479	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.960%	
24) Chloroform-d	4.362	84	116145	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.043	65	48398	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.059	84	215503	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.075	67	68539	4.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.320	98	171248	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	7.632	79	13153	2.843	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.800%	
46) 2-Hexanone-d5	8.091	63	60643	43.396	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44060	5.013	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56387	4.948	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1149	0.073	ug/L	100
5) Vinyl chloride	1.326	62	26891	1.635	ug/L #	55
8) Chloroethane	1.532	64	136000	13.318	ug/L #	49
12) 1,1-Dichloroethene	2.133	96	62589	5.199	ug/L	96
16) Methylene chloride	2.526	84	8347	0.543	ug/L	95
17) Methyl tert-butyl Ether	2.796	73	1551	0.075	ug/L #	86
18) trans-1,2-Dichloroethene	2.777	96	25938	2.221	ug/L	97
19) 1,1-Dichloroethane	3.204	63	114590	5.146	ug/L	99
22) cis-1,2-Dichloroethene	3.931	96	14423	1.221	ug/L	84
27) 1,2-Dichloroethane	5.156	62	2039	0.185	ug/L #	71
34) Trichloroethene	5.921	95	62985	4.922	ug/L	98
35) Methylcyclohexane	6.079	83	17173	0.970	ug/L #	19
39) cis-1,3-Dichloropropene	6.995	75	982	0.070	ug/L #	72
47) Tetrachloroethene	7.989	164	530	0.056	ug/L #	56
61) 1,2,3-Trichloropropane	11.249	75	8519	1.775	ug/L #	66

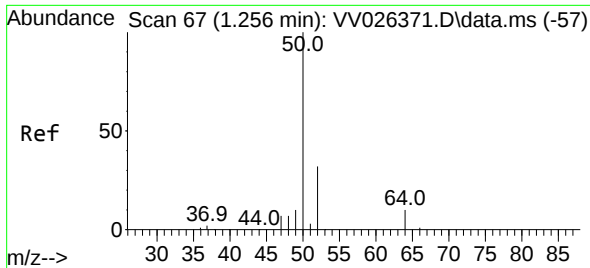
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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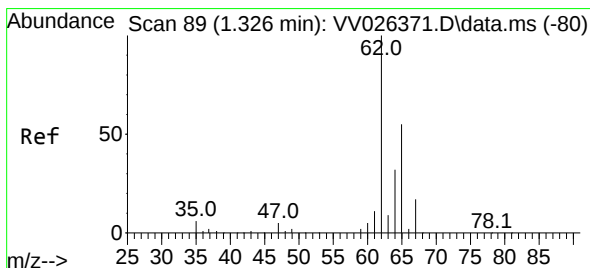
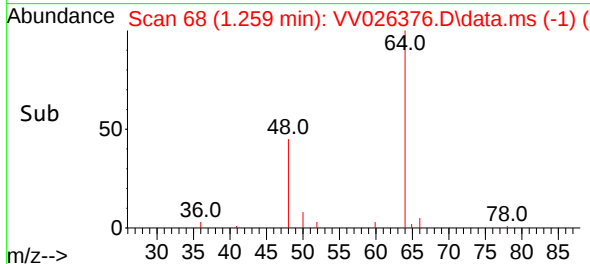
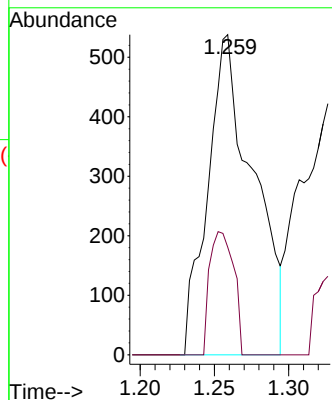
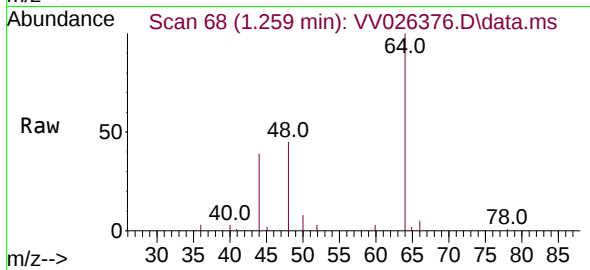




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

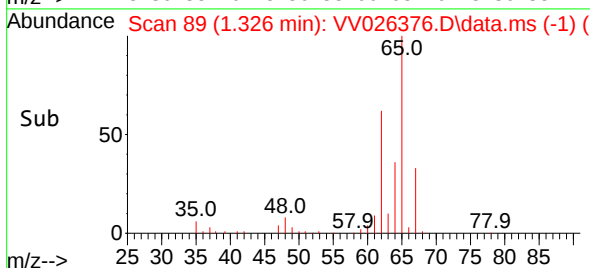
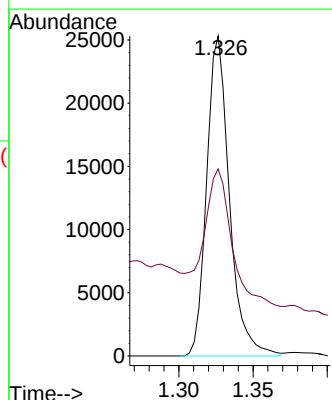
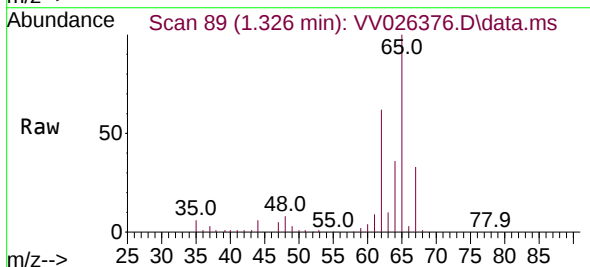
Instrument :
MSVOA_V
ClientSampleId :

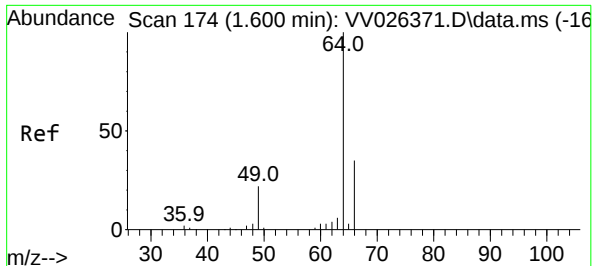
Tgt Ion: 50 Resp: 1149
Ion Ratio Lower Upper
50 100
52 33.6 23.7 44.1



#5
Vinyl chloride
Concen: 1.635 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.000 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Tgt Ion: 62 Resp: 26891
Ion Ratio Lower Upper
62 100
64 58.5 23.2 43.2#

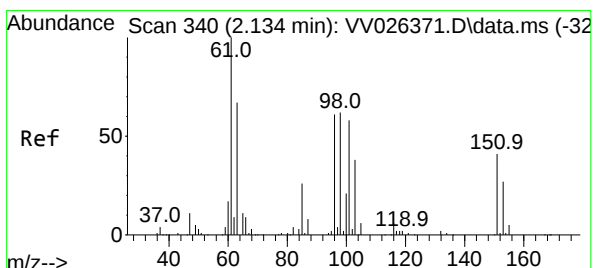
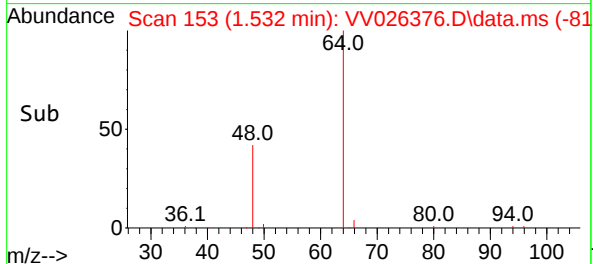
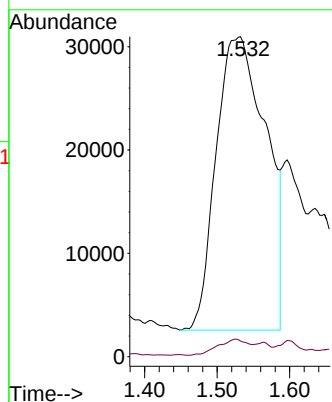
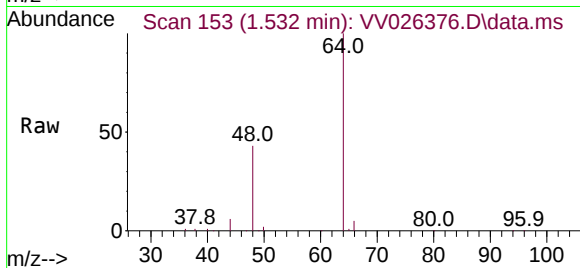




#8
Chloroethane
Concen: 13.318 ug/L
RT: 1.532 min Scan# 11
Delta R.T. -0.068 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

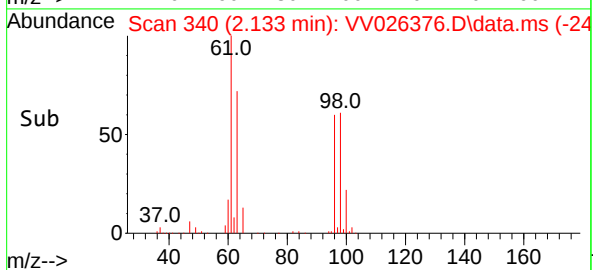
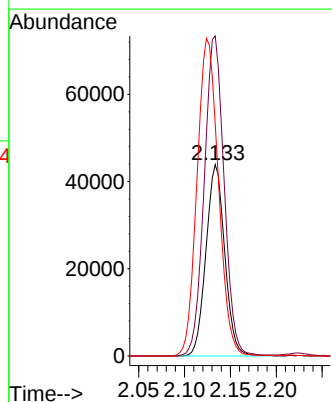
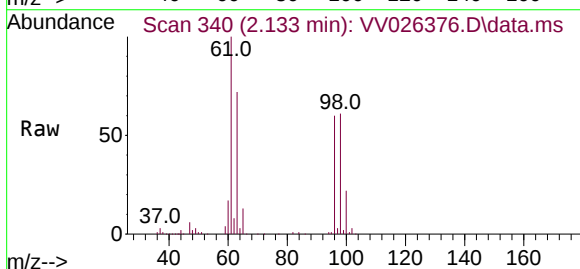
Instrument :
MSVOA_V
ClientSampleId :

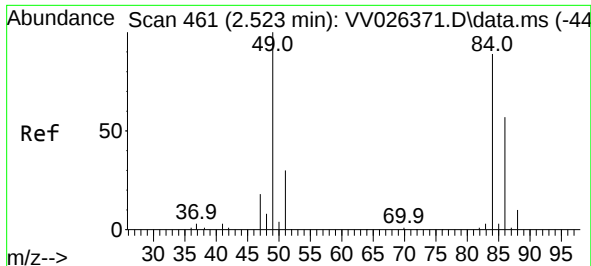
Tgt Ion: 64 Resp: 136000
Ion Ratio Lower Upper
64 100
66 4.9 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 5.199 ug/L
RT: 2.133 min Scan# 340
Delta R.T. -0.000 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Tgt Ion: 96 Resp: 62589
Ion Ratio Lower Upper
96 100
61 167.3 117.1 217.5
63 121.1 92.8 172.4

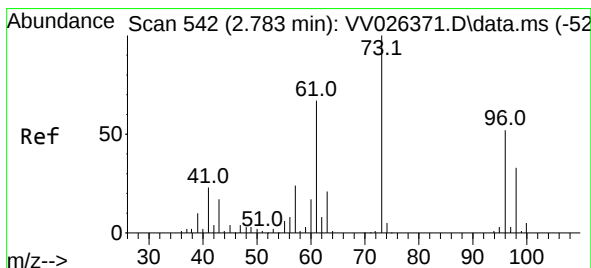
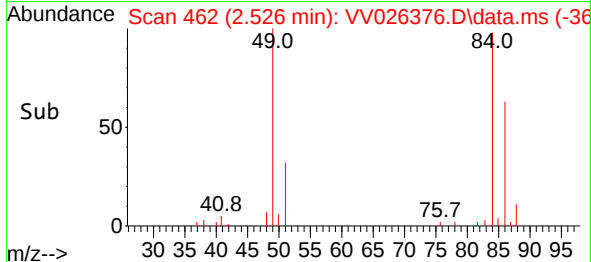
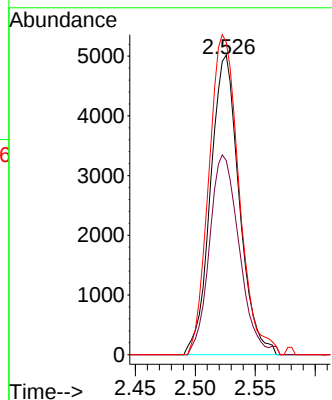
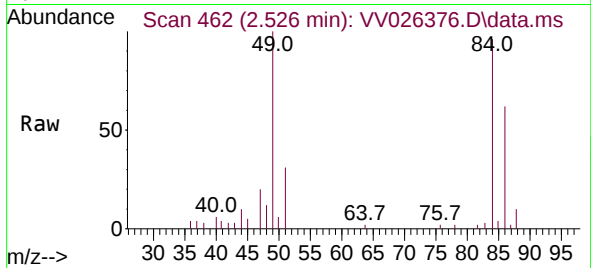




#16
Methylene chloride
Concen: 0.543 ug/L
RT: 2.526 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

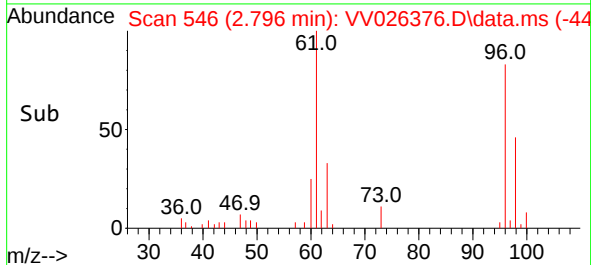
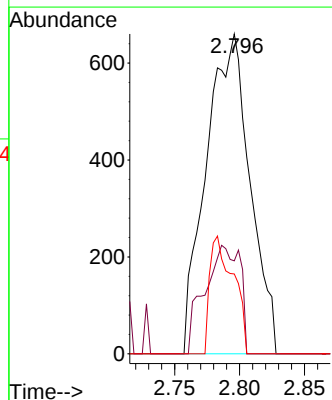
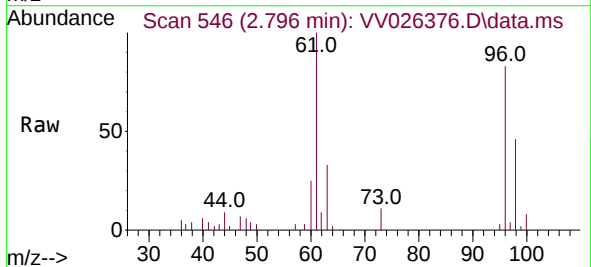
Instrument :
MSVOA_V
ClientSampleId :

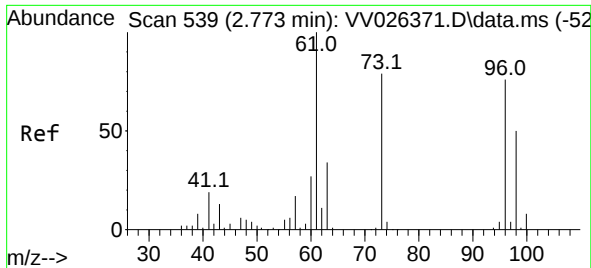
Tgt Ion: 84 Resp: 8347
Ion Ratio Lower Upper
84 100
86 64.8 44.0 81.8
49 104.3 77.3 143.7



#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.796 min Scan# 546
Delta R.T. 0.013 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

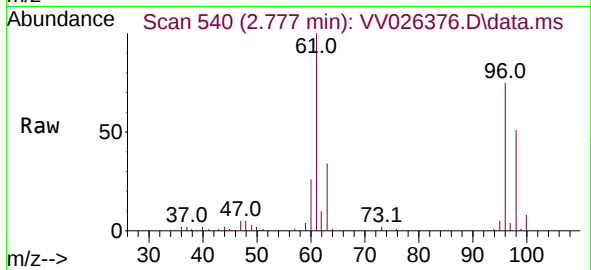
Tgt Ion: 73 Resp: 1551
Ion Ratio Lower Upper
73 100
43 27.3 13.0 19.6#
57 19.7 17.6 26.4



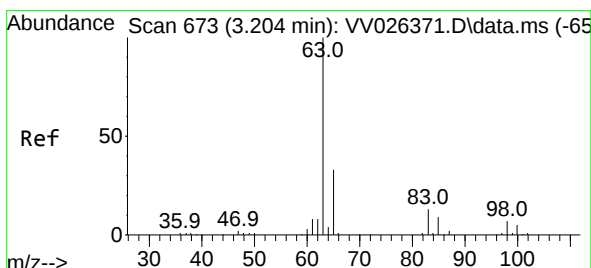
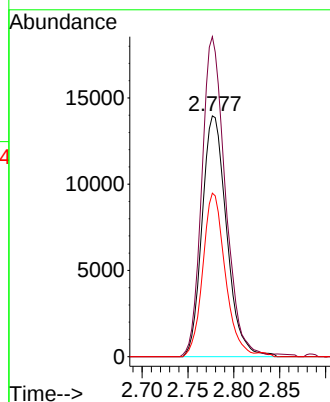
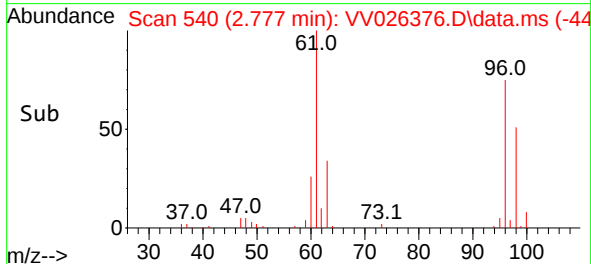


#18
trans-1,2-Dichloroethene
Concen: 2.221 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Instrument :
MSVOA_V
ClientSampleId :

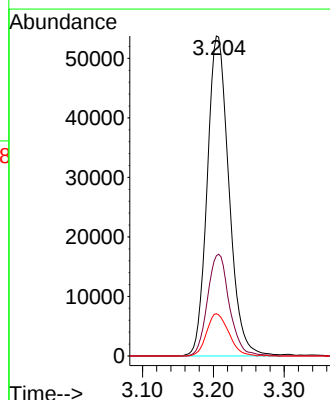
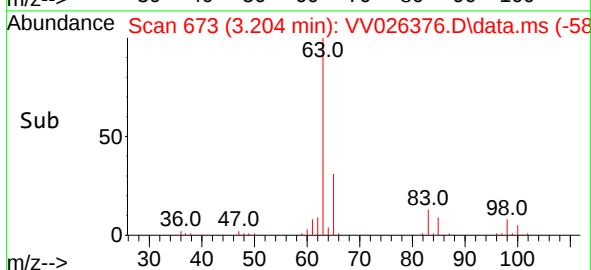
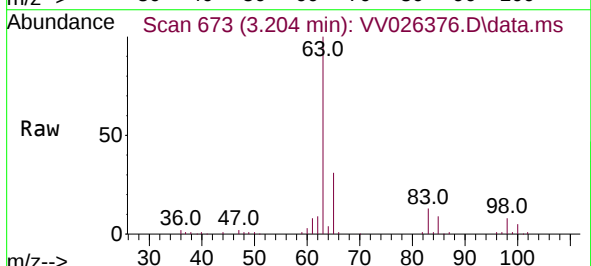


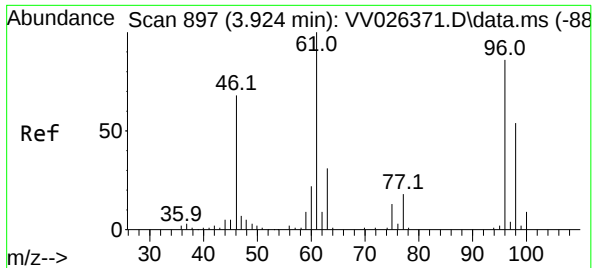
Tgt Ion:	96	Resp:	25938
Ion	Ratio	Lower	Upper
96	100		
61	132.9	91.3	169.6
98	67.9	45.3	84.1



#19
1,1-Dichloroethane
Concen: 5.146 ug/L
RT: 3.204 min Scan# 673
Delta R.T. -0.000 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Tgt Ion:	63	Resp:	114590
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.3	41.3
83	13.2	8.9	16.5

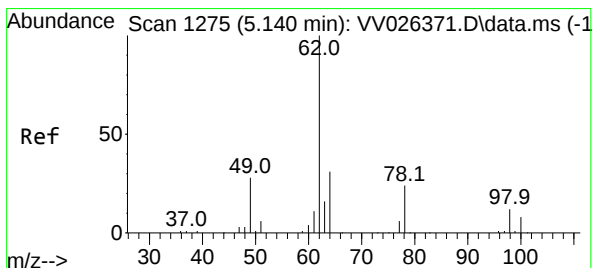
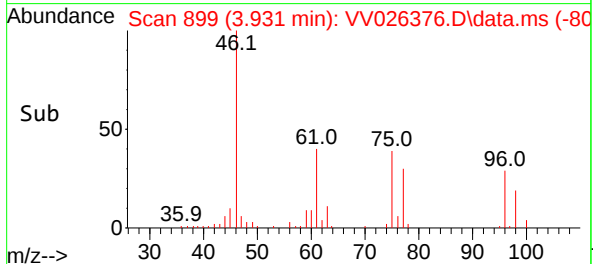
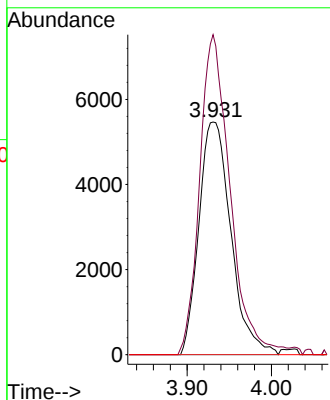
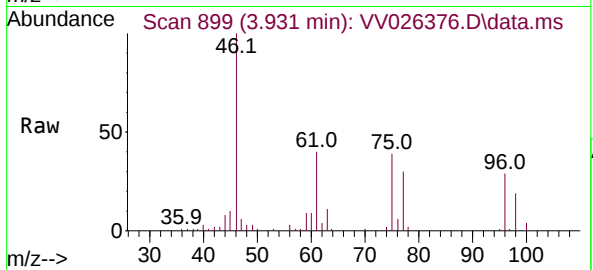




#22
 cis-1,2-Dichloroethene
 Concen: 1.221 ug/L
 RT: 3.931 min Scan# 897
 Delta R.T. 0.006 min
 Lab File: VV026376.D
 Acq: 17 Jun 2022 13:03

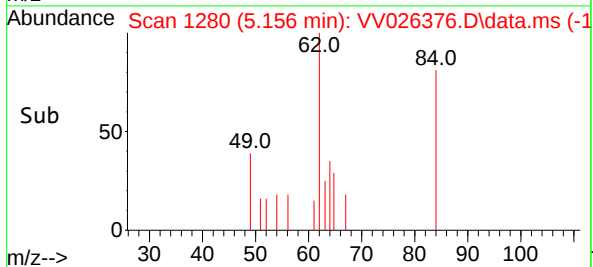
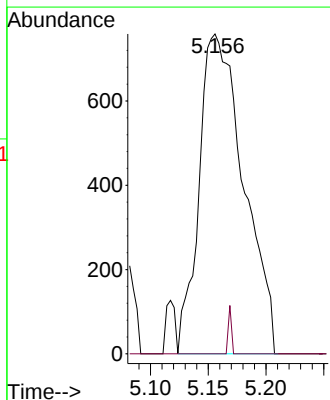
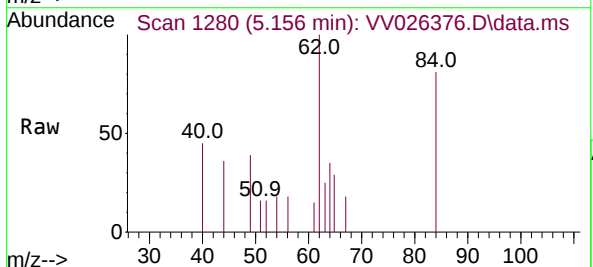
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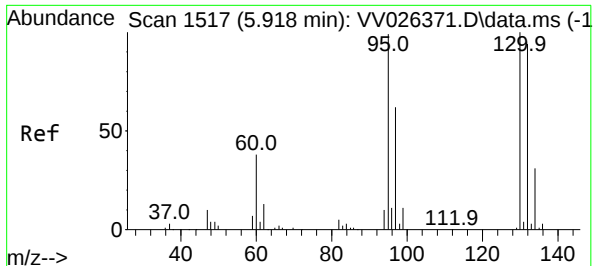
Tgt Ion: 96 Resp: 14423
 Ion Ratio Lower Upper
 96 100
 61 137.6 83.6 155.2
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.185 ug/L
 RT: 5.156 min Scan# 1280
 Delta R.T. 0.016 min
 Lab File: VV026376.D
 Acq: 17 Jun 2022 13:03

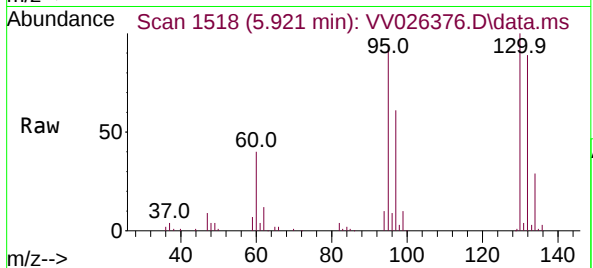
Tgt Ion: 62 Resp: 2039
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 13.0#



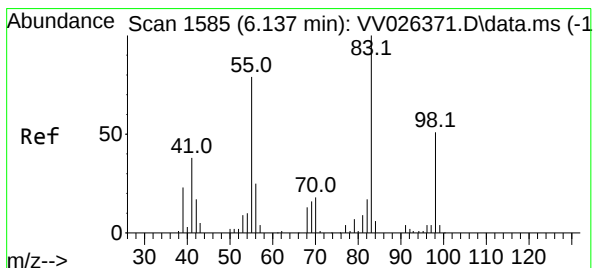
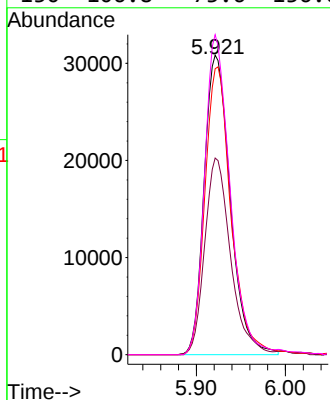
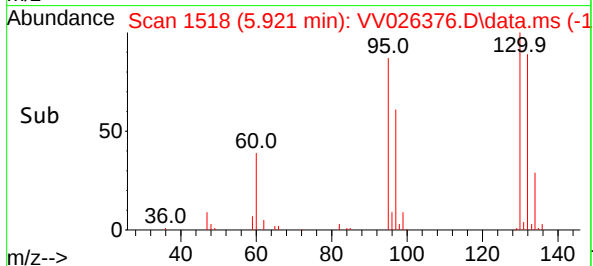


#34
Trichloroethene
Concen: 4.922 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

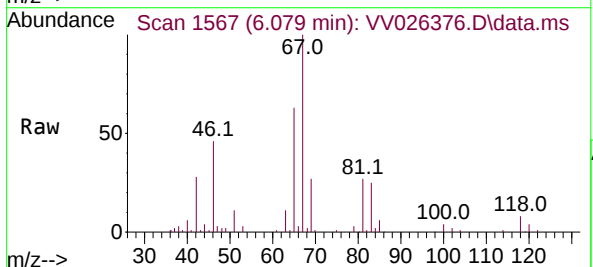
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ClientSampleId :



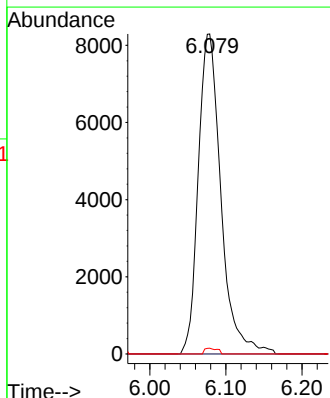
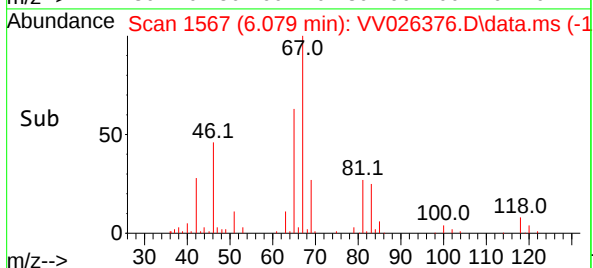
Tgt Ion: 95 Resp: 62985
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.3
132 95.4 68.8 127.8
130 106.8 73.6 136.6

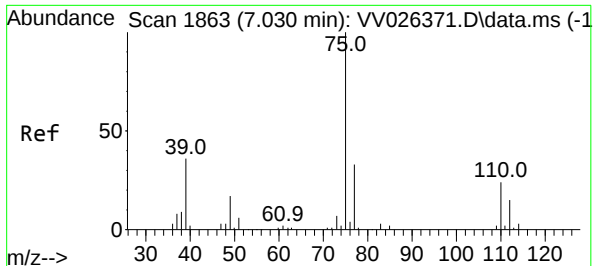


#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03



Tgt Ion: 83 Resp: 17173
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.0 39.9 59.9#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026376.D

Acq: 17 Jun 2022 13:03

Instrument :

MSVOA_V

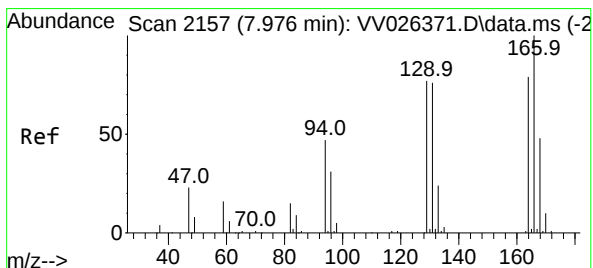
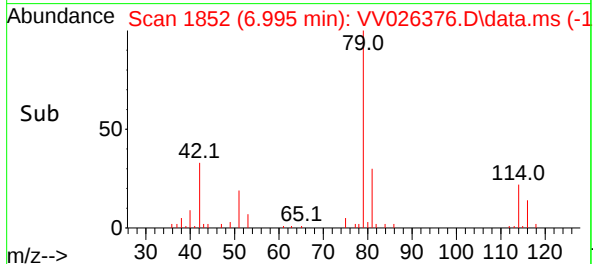
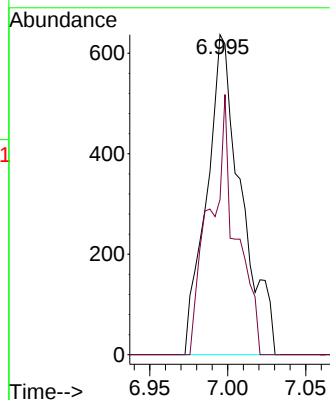
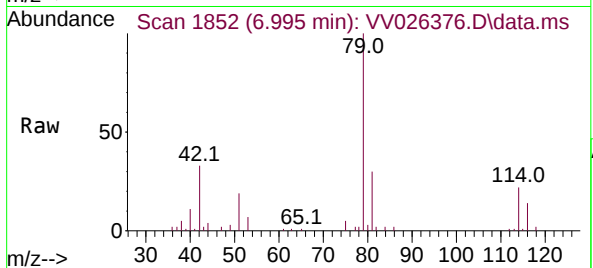
ClientSampleId :

Tgt Ion: 75 Resp: 982

Ion Ratio Lower Upper

75 100

77 48.5 23.0 42.6#



#47

Tetrachloroethene

Concen: 0.056 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.013 min

Lab File: VV026376.D

Acq: 17 Jun 2022 13:03

Tgt Ion: 164 Resp: 530

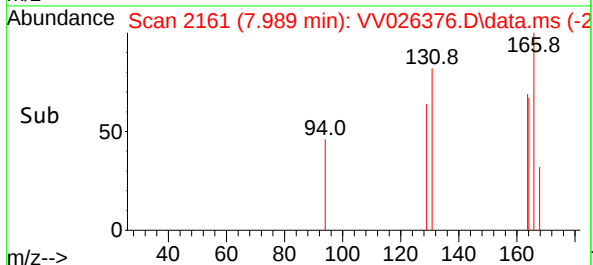
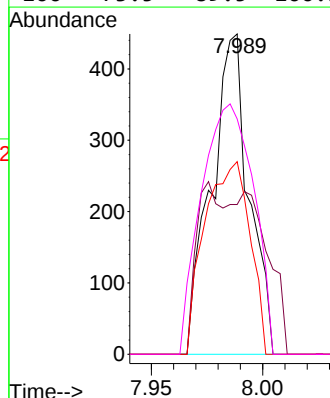
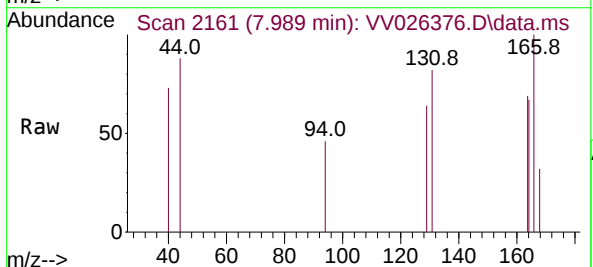
Ion Ratio Lower Upper

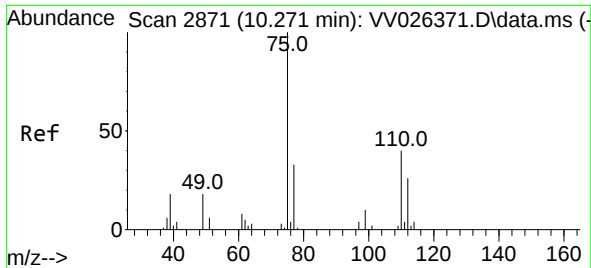
164 100

129 46.8 67.5 125.3#

131 60.1 63.8 118.4#

166 73.5 89.5 166.3#





#61

1,2,3-Trichloropropane

Concen: 1.775 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

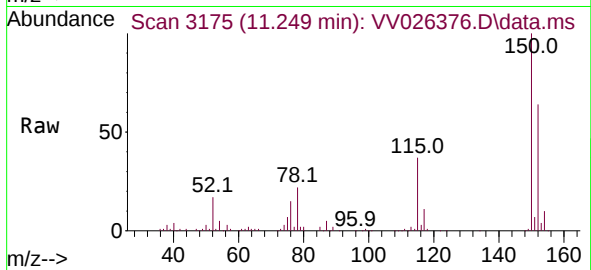
Lab File: VV026376.D

Acq: 17 Jun 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8519

Ion Ratio Lower Upper

75 100

77 31.4 26.9 40.3

110 1.6 30.7 46.1#

