

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026352.D
 Acq On : 16 Jun 2022 23:17
 Operator : SY/MD
 Sample : N3318-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ67

Quant Time: Jun 17 07:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

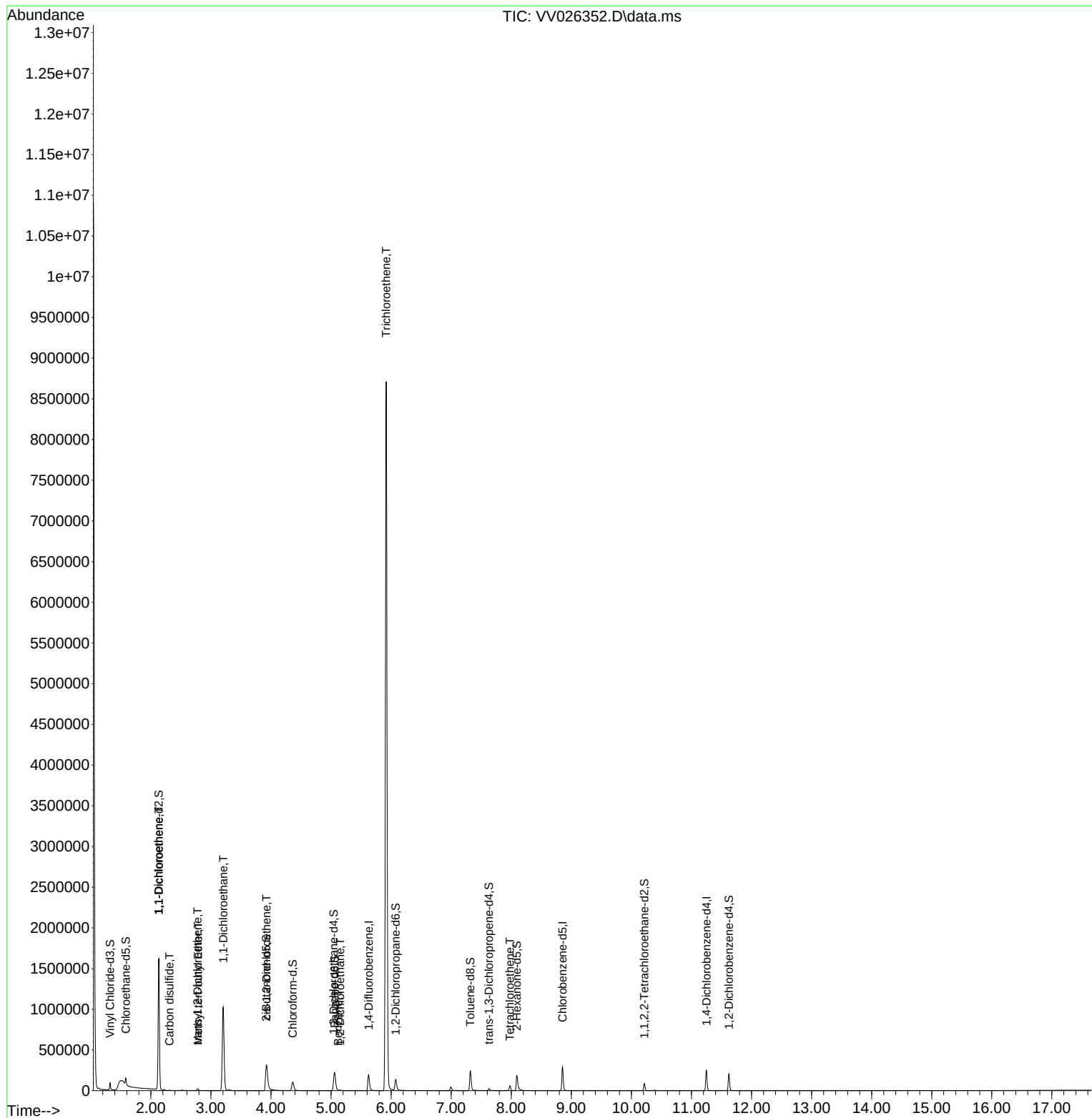
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	174927	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	169151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57240	3.767	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.584	69	50740	4.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.130	63	330886	12.682	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	253.600%#	
20) 2-Butanone-d5	3.921	46	79784	53.816	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.640%	
24) Chloroform-d	4.362	84	112203	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.043	65	48375	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.059	84	209631	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.075	67	69690	5.280	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.320	98	168378	4.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.628	79	14985	3.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5	8.091	63	66110	51.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44782	5.508	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55779	5.181	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.133	96	476771	43.140	ug/L #	71
14) Carbon disulfide	2.310	76	7559	0.277	ug/L	100
17) Methyl tert-butyl Ether	2.786	73	1983	0.104	ug/L #	81
18) trans-1,2-Dichloroethene	2.780	96	7934	0.740	ug/L	95
19) 1,1-Dichloroethane	3.204	63	1040609	50.909	ug/L	99
22) cis-1,2-Dichloroethene	3.924	96	168949	15.580	ug/L	98
27) 1,2-Dichloroethane	5.149	62	4411	0.437	ug/L #	90
33) Benzene	5.120	78	3579	0.083	ug/L	100
34) Trichloroethene	5.918	95	3000702	253.447	ug/L	97
47) Tetrachloroethene	7.979	164	13754	1.568	ug/L	96

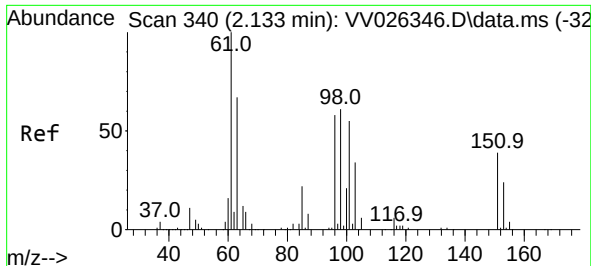
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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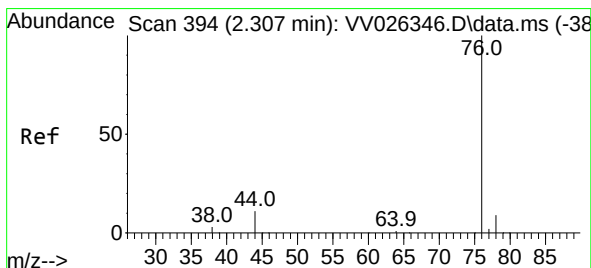
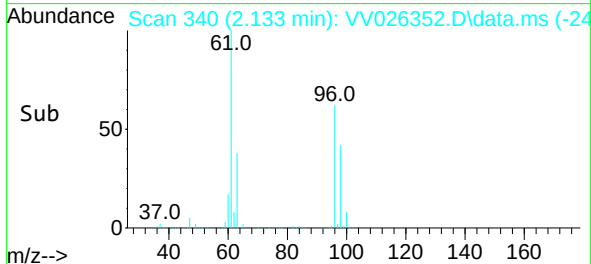
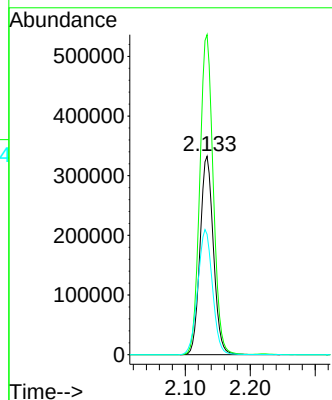
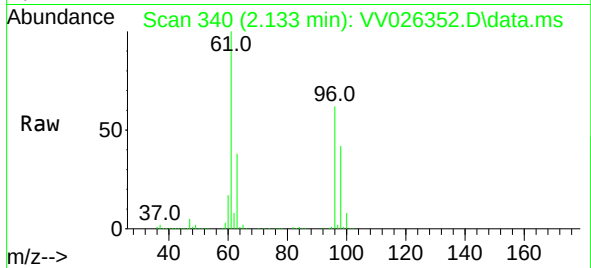




#12
1,1-Dichloroethene
Concen: 43.140 ug/L
RT: 2.133 min Scan# 34
Delta R.T. -0.000 min
Lab File: VV026352.D
Acq: 16 Jun 2022 23:17

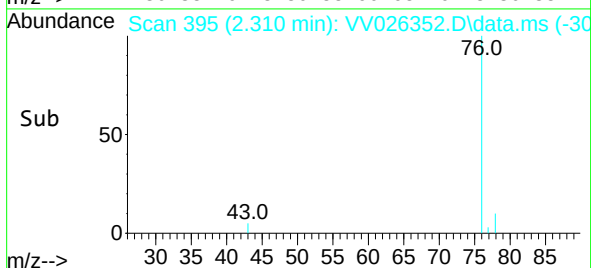
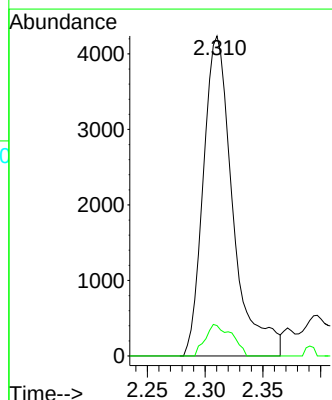
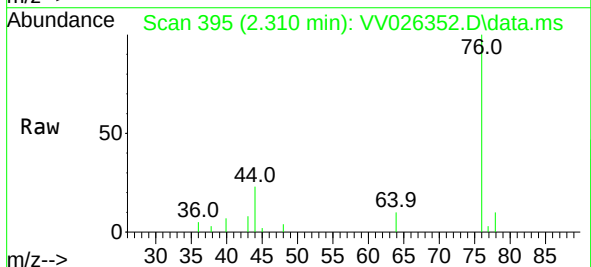
Instrument :
MSVOA_V
ClientSampleId :
BGJ67

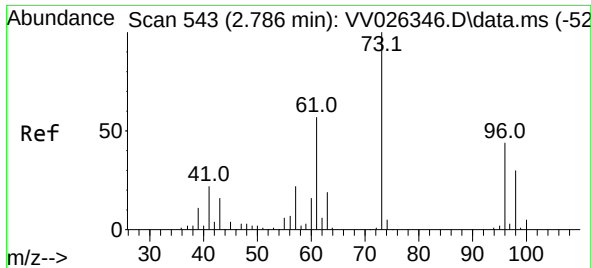
Tgt Ion: 96 Resp: 476771
Ion Ratio Lower Upper
96 100
61 161.3 117.1 217.5
63 60.6 92.8 172.4#



#14
Carbon disulfide
Concen: 0.277 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026352.D
Acq: 16 Jun 2022 23:17

Tgt Ion: 76 Resp: 7559
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

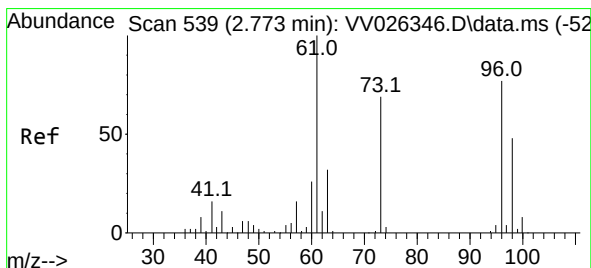
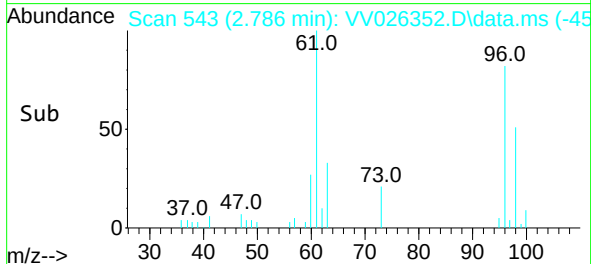
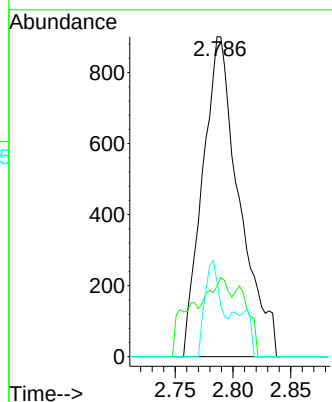
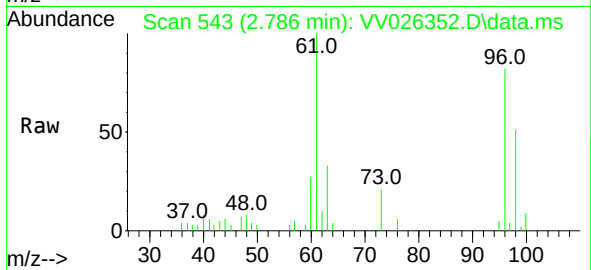




#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 2.786 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026352.D
Acq: 16 Jun 2022 23:17

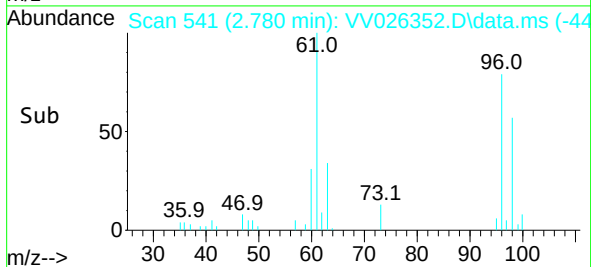
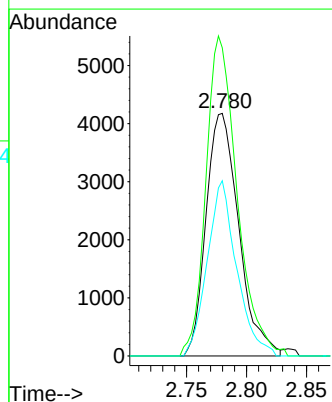
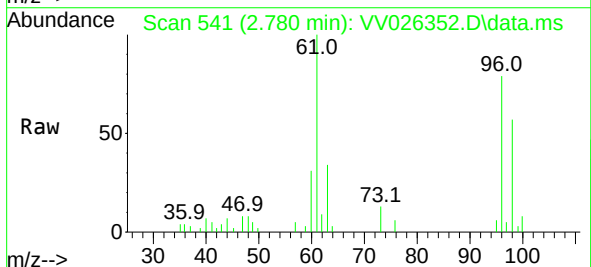
Instrument :
MSVOA_V
ClientSampleId :
BGJ67

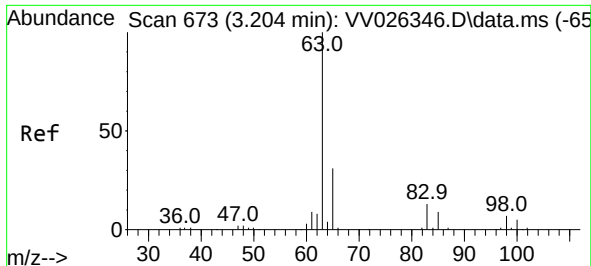
Tgt Ion: 73 Resp: 1983
Ion Ratio Lower Upper
73 100
43 7.0 13.0 19.6#
57 13.6 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.740 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026352.D
Acq: 16 Jun 2022 23:17

Tgt Ion: 96 Resp: 7934
Ion Ratio Lower Upper
96 100
61 127.0 91.3 169.6
98 72.2 45.3 84.1





#19

1,1-Dichloroethane

Concen: 50.909 ug/L

RT: 3.204 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Instrument :

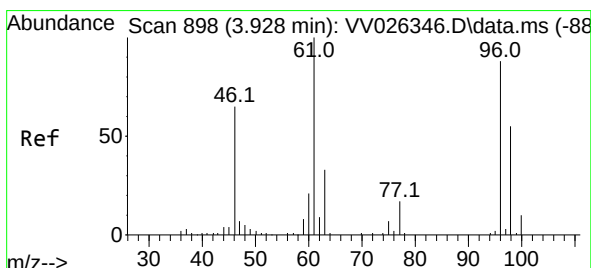
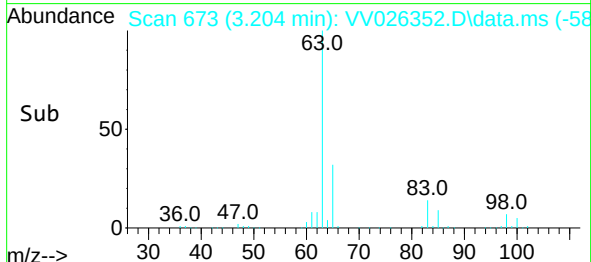
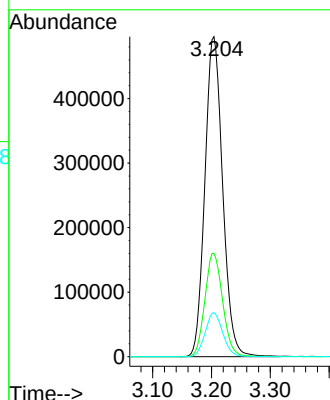
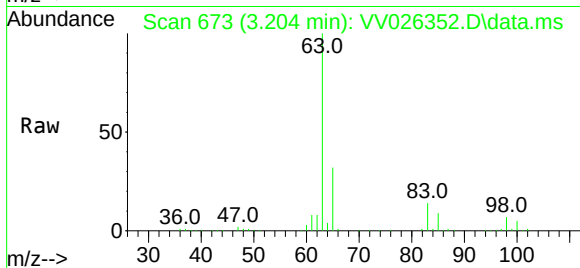
MSVOA_V

ClientSampleId :

BGJ67

Tgt Ion: 63 Resp: 1040609

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.3	41.3
83	13.7	8.9	16.5



#22

cis-1,2-Dichloroethene

Concen: 15.580 ug/L

RT: 3.924 min Scan# 897

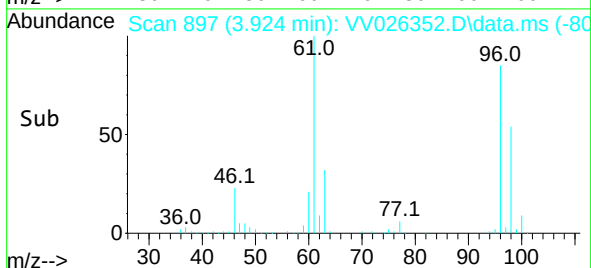
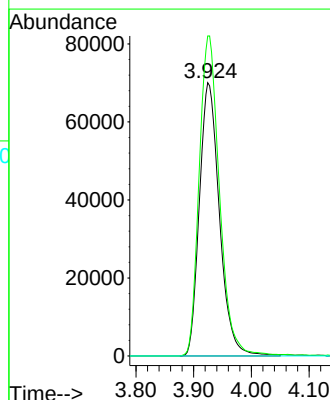
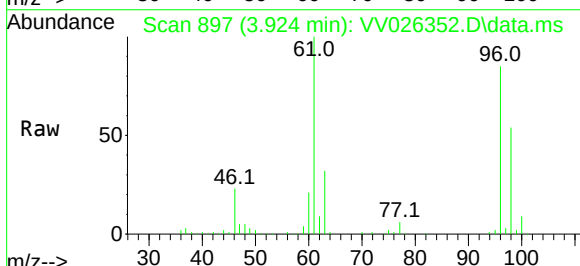
Delta R.T. -0.003 min

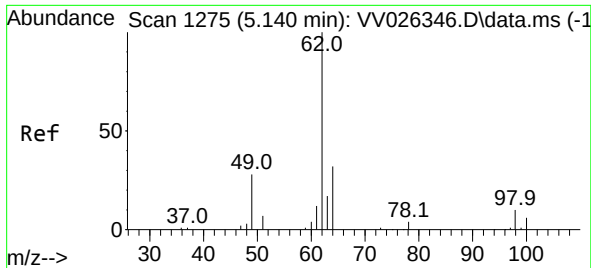
Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Tgt Ion: 96 Resp: 168949

Ion	Ratio	Lower	Upper
96	100		
61	117.1	83.6	155.2
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.437 ug/L

RT: 5.149 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

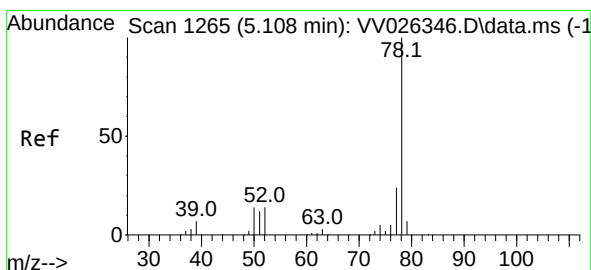
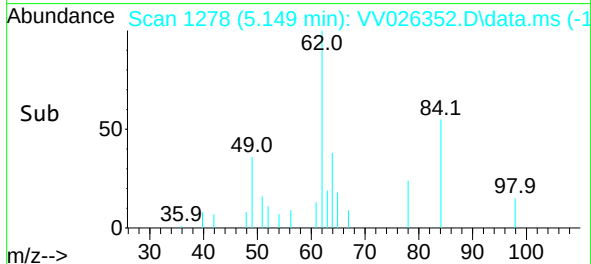
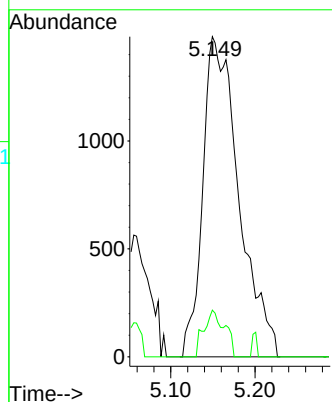
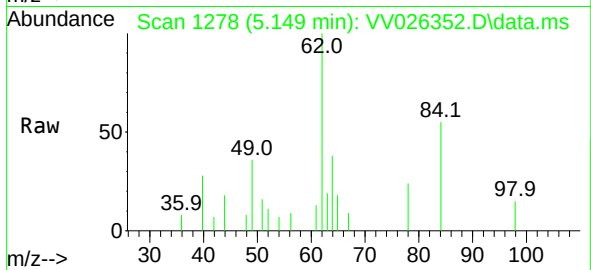
BGJ67

Tgt Ion: 62 Resp: 4411

Ion Ratio Lower Upper

62 100

98 14.6 8.6 13.0#



#33

Benzene

Concen: 0.083 ug/L

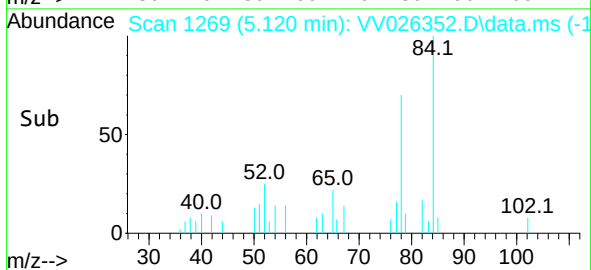
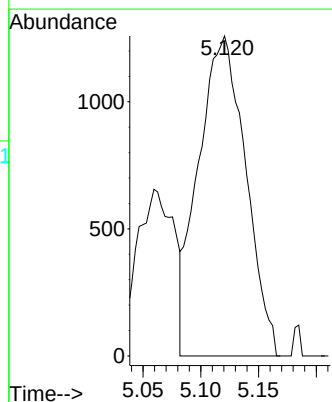
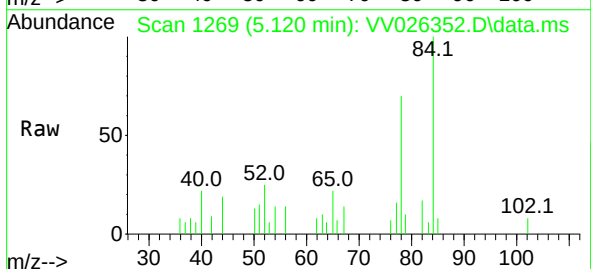
RT: 5.120 min Scan# 1269

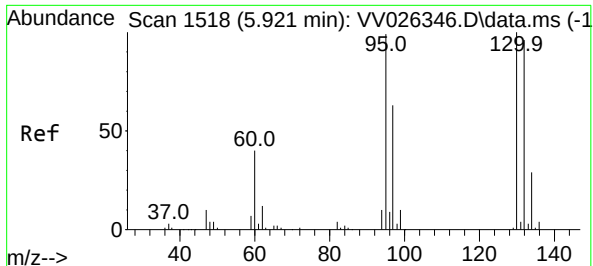
Delta R.T. 0.013 min

Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Tgt Ion: 78 Resp: 3579





#34

Trichloroethene

Concen: 253.447 ug/L

RT: 5.918 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

BGJ67

Tgt Ion: 95 Resp: 3000702

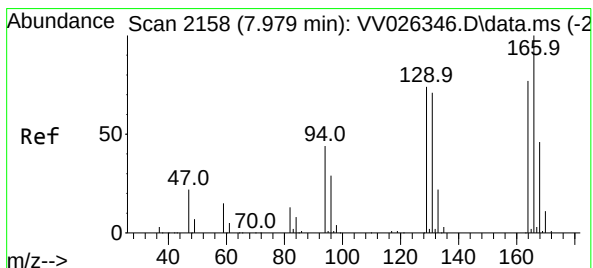
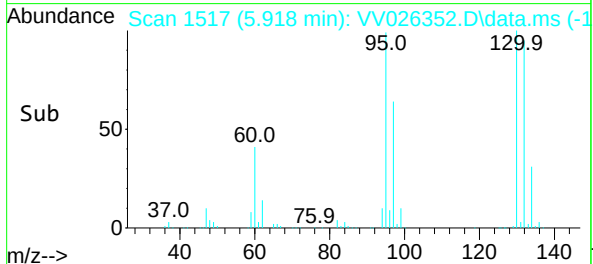
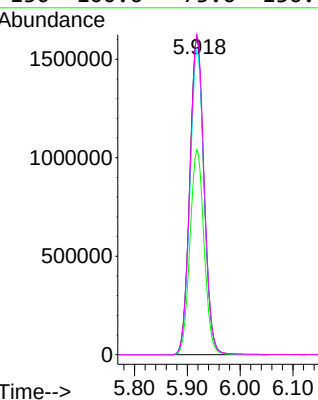
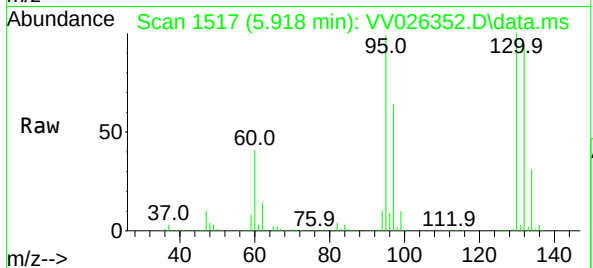
Ion Ratio Lower Upper

95 100

97 64.5 46.5 86.3

132 95.9 68.8 127.8

130 100.6 73.6 136.6



#47

Tetrachloroethene

Concen: 1.568 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026352.D

Acq: 16 Jun 2022 23:17

Tgt Ion:164 Resp: 13754

Ion Ratio Lower Upper

164 100

129 99.9 67.5 125.3

131 93.0 63.8 118.4

166 133.3 89.5 166.3

