

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026359.D
 Acq On : 17 Jun 2022 02:04
 Operator : SY/MD
 Sample : N3318-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ68

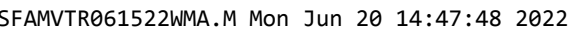
Quant Time: Jun 17 07:21:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

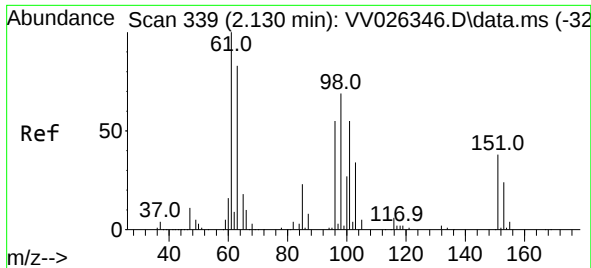
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62780	3.807	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.584	69	55045	4.245	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.124	63	111151	3.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	3.921	46	85796	53.313	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.620%	
24) Chloroform-d	4.362	84	118255	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.043	65	48675	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.059	84	224636	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.075	67	71473	4.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.320	98	179438	3.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	7.628	79	13892	2.979	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.600%	
46) 2-Hexanone-d5	8.095	63	62518	44.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44283	4.999	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57898	4.996	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	4811	0.367	ug/L	89
12) 1,1-Dichloroethene	2.133	96	41076	3.424	ug/L	90
17) Methyl tert-butyl Ether	2.786	73	39792	1.929	ug/L	97
18) trans-1,2-Dichloroethene	2.783	96	1727	0.148	ug/L	81
19) 1,1-Dichloroethane	3.204	63	118715	5.350	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	16115	1.369	ug/L	96
25) Chloroform	4.394	83	13836	0.575	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	6177	0.303	ug/L #	68
34) Trichloroethene	5.921	95	142917	11.080	ug/L	96
47) Tetrachloroethene	7.979	164	48355	5.061	ug/L	99

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

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QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

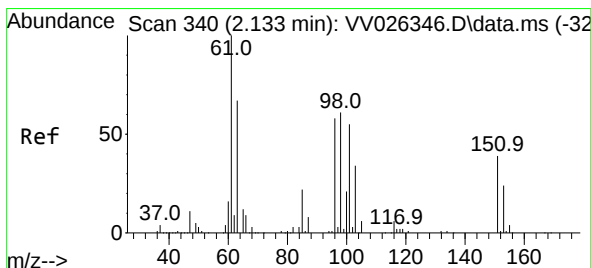
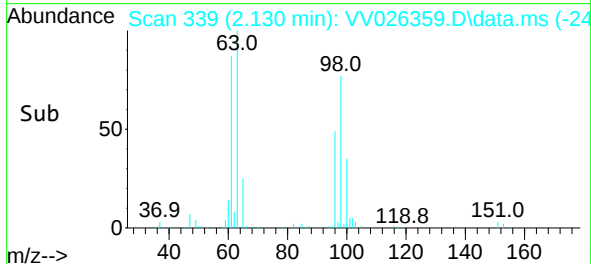
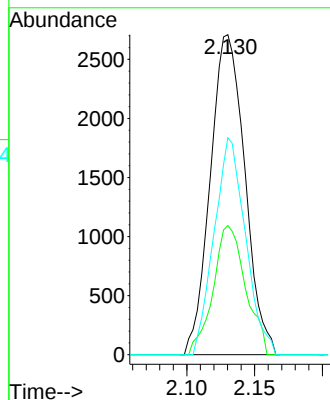
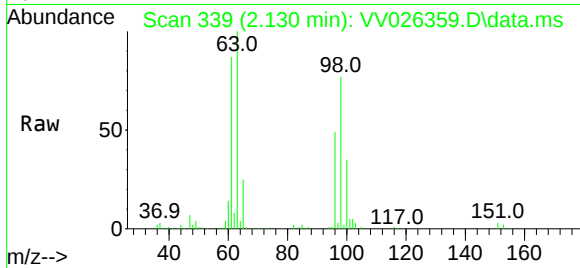




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.367 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

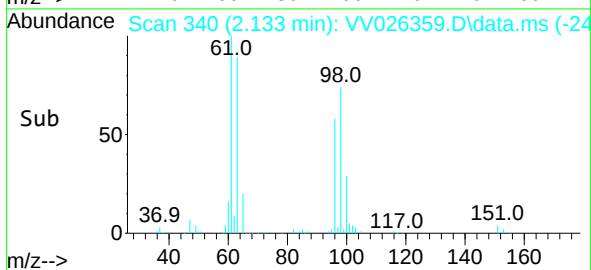
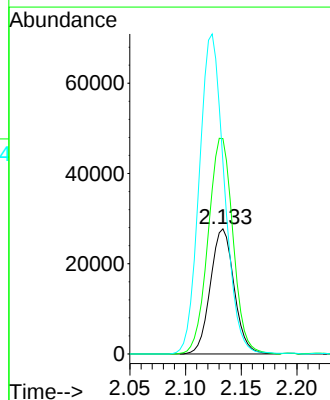
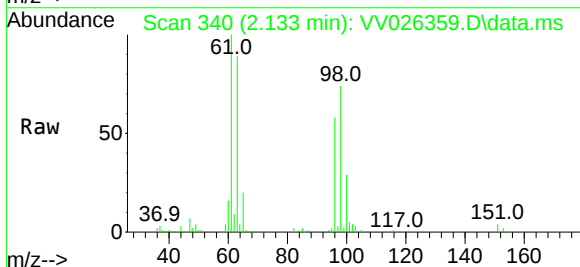
Instrument :
 MSVOA_V
 ClientSampleId :
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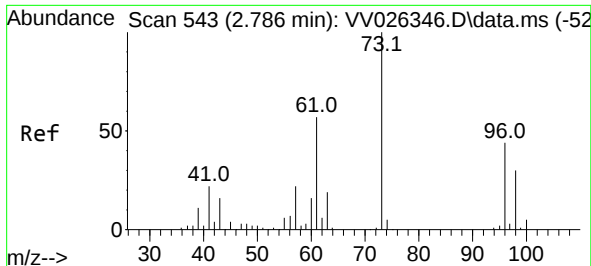
Tgt Ion:101 Resp: 4811
 Ion Ratio Lower Upper
 101 100
 85 37.9 35.3 52.9
 151 61.6 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 3.424 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

Tgt Ion: 96 Resp: 41076
 Ion Ratio Lower Upper
 96 100
 61 172.2 117.1 217.5
 63 153.4 92.8 172.4

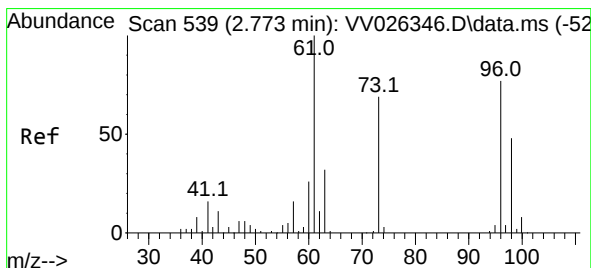
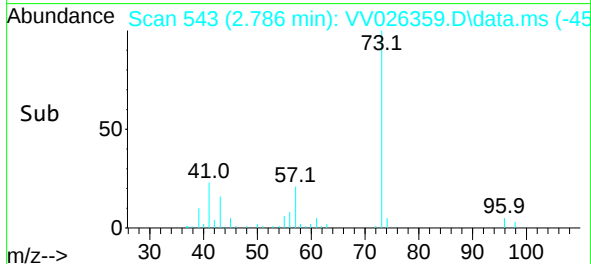
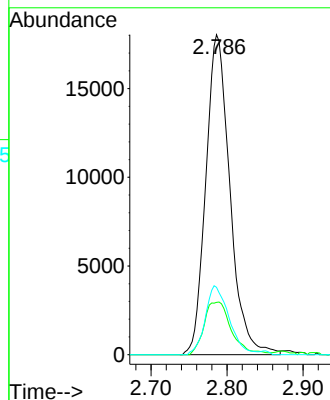
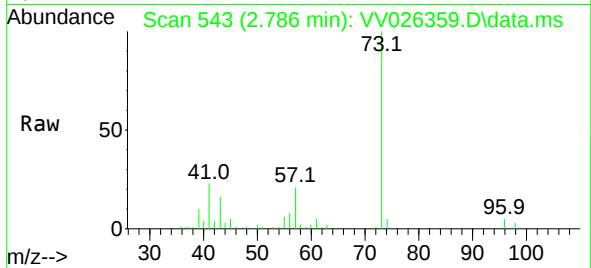




#17
Methyl tert-butyl Ether
Concen: 1.929 ug/L
RT: 2.786 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

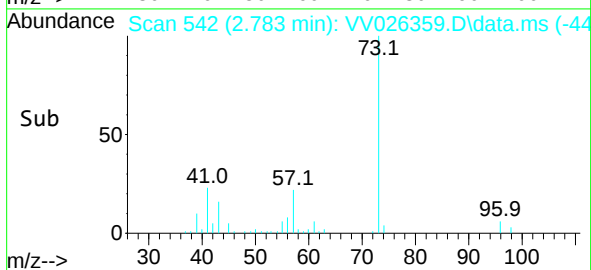
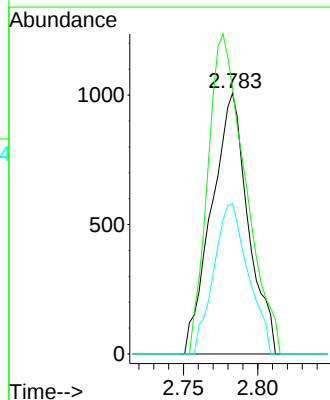
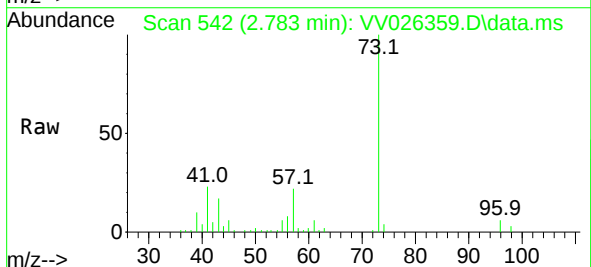
Instrument :
MSVOA_V
ClientSampleId :
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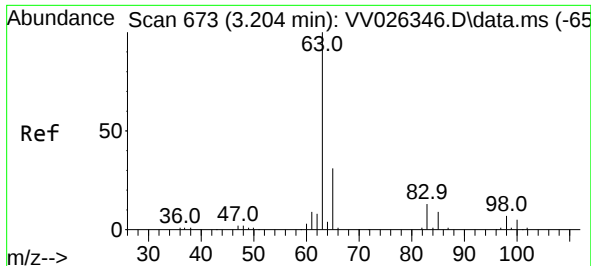
Tgt Ion: 73 Resp: 39792
Ion Ratio Lower Upper
73 100
43 18.5 13.0 19.6
57 21.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.148 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 96 Resp: 1727
Ion Ratio Lower Upper
96 100
61 102.2 91.3 169.6
98 57.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.350 ug/L

RT: 3.204 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

Instrument :

MSVOA_V

ClientSampleId :

BGJ68

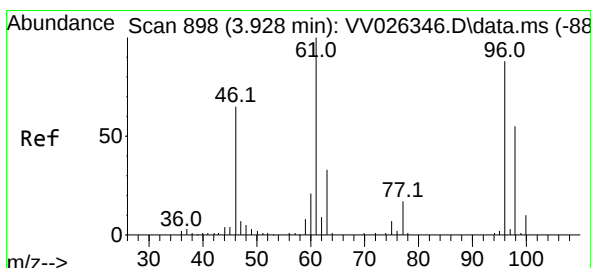
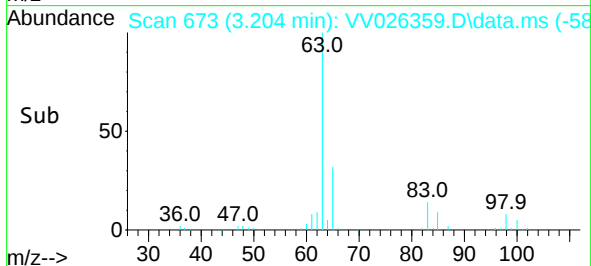
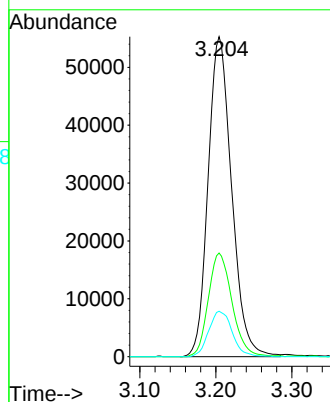
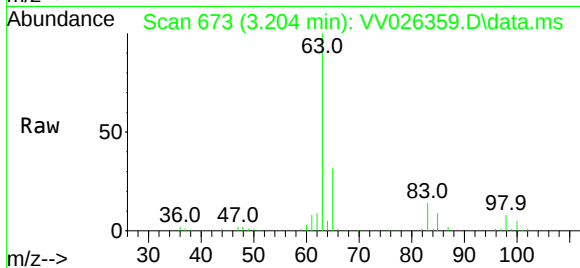
Tgt Ion: 63 Resp: 118715

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 14.2 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.369 ug/L

RT: 3.928 min Scan# 898

Delta R.T. -0.000 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

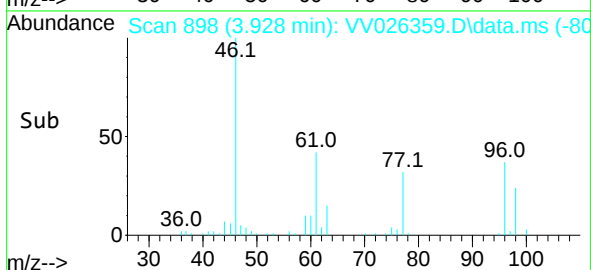
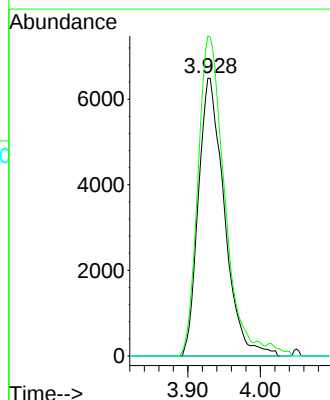
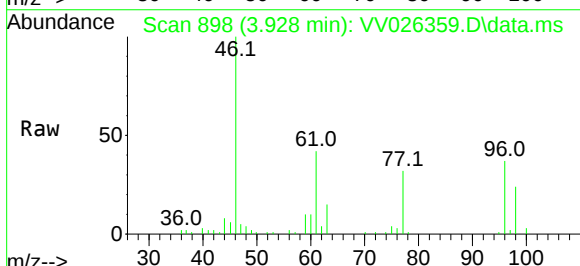
Tgt Ion: 96 Resp: 16115

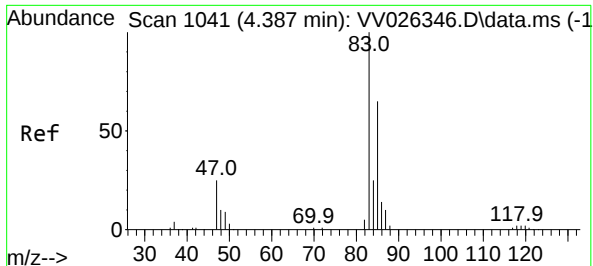
Ion Ratio Lower Upper

96 100

61 115.2 83.6 155.2

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.575 ug/L

RT: 4.394 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

Instrument :

MSVOA_V

ClientSampleId :

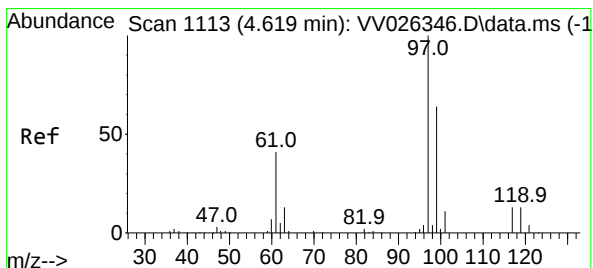
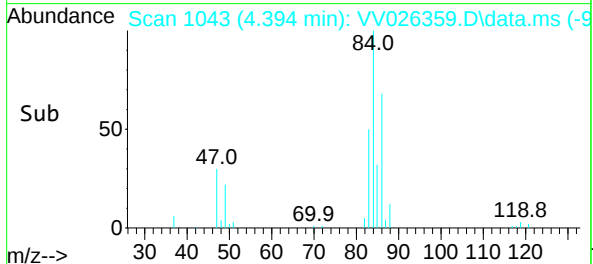
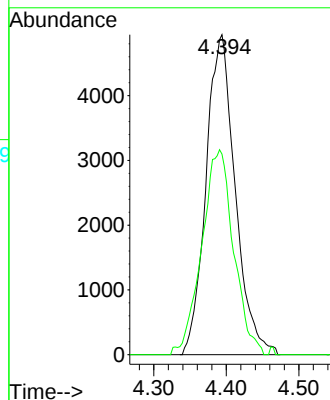
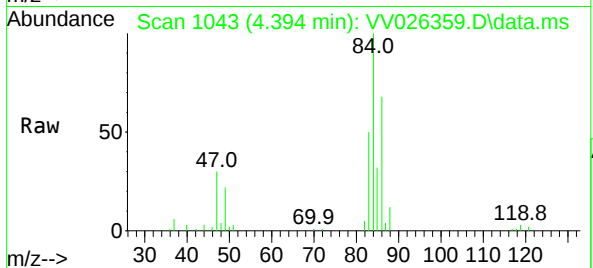
BGJ68

Tgt Ion: 83 Resp: 13836

Ion Ratio Lower Upper

83 100

85 62.7 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 0.303 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

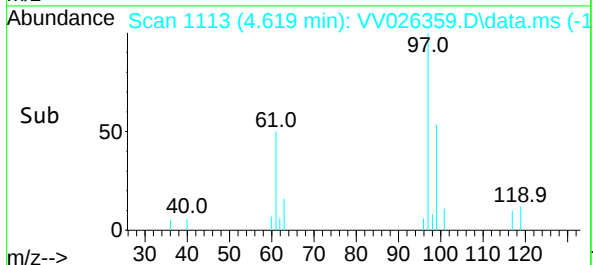
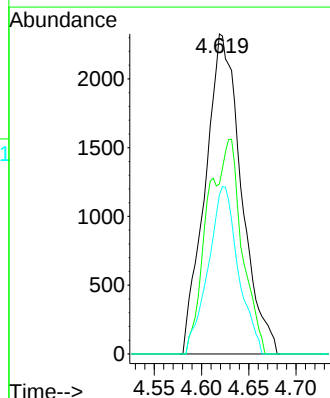
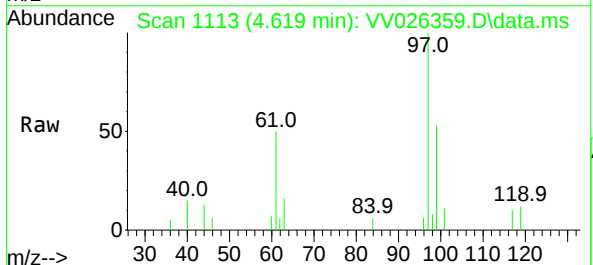
Tgt Ion: 97 Resp: 6177

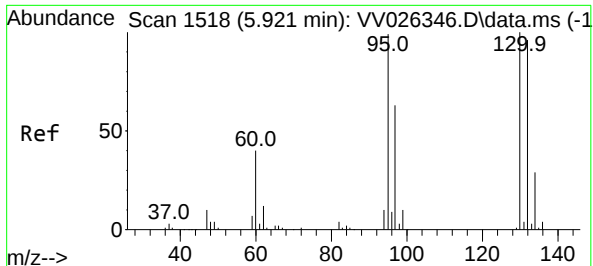
Ion Ratio Lower Upper

97 100

99 23.1 50.3 75.5#

61 43.5 33.4 50.0

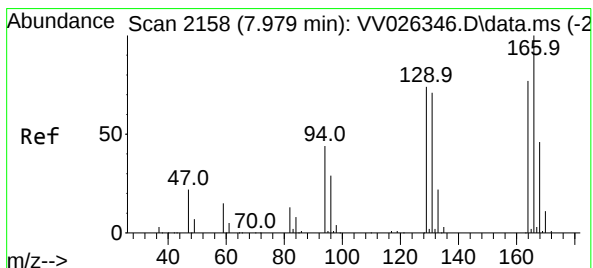
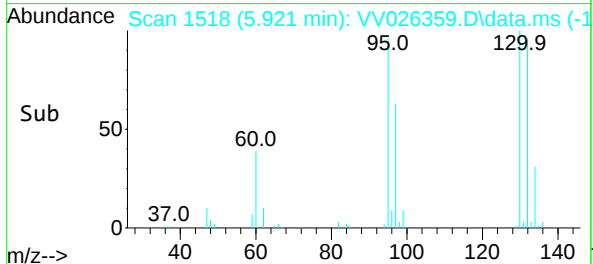
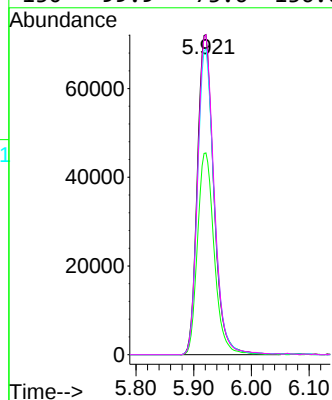
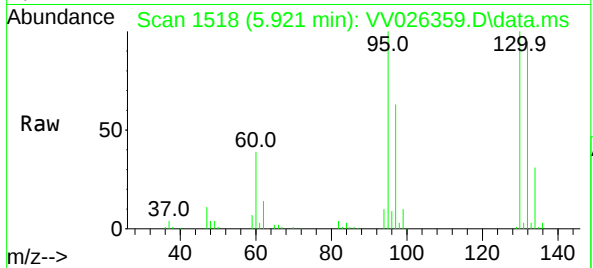




#34
Trichloroethene
Concen: 11.080 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

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Tgt Ion: 95 Resp: 142917
Ion Ratio Lower Upper
95 100
97 63.0 46.5 86.3
132 95.5 68.8 127.8
130 99.9 73.6 136.6



#47
Tetrachloroethene
Concen: 5.061 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion:164 Resp: 48355
Ion Ratio Lower Upper
164 100
129 97.2 67.5 125.3
131 91.0 63.8 118.4
166 131.2 89.5 166.3

