

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026103.D
 Acq On : 10 Jun 2022 19:18
 Operator : SY/MD
 Sample : N3247-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:28:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	167738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	165142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	53809	5.465	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.200%		
7) Chloroethane-d5	1.577	69	58810	5.713	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 114.200%		
11) 1,1-Dichloroethene-d2	2.117	63	89023	3.914	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.200%		
20) 2-Butanone-d5	3.918	46	99381	68.241	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 136.480%#		
24) Chloroform-d	4.359	84	110422	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.043	65	48875	5.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.800%		
32) Benzene-d6	5.056	84	214058	5.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
36) 1,2-Dichloropropane-d6	6.075	67	67122	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.320	98	167583	4.752	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.000%		
43) trans-1,3-Dichloroprop...	7.628	79	14803	4.073	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 81.400%		
46) 2-Hexanone-d5	8.091	63	72039	45.038	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 90.080%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41189	4.948	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	59829	4.971	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	802	0.043	ug/L	100
5) Vinyl chloride	1.320	62	3682	0.191	ug/L #	82
12) 1,1-Dichloroethene	2.127	96	3335	0.247	ug/L #	1
17) Methyl tert-butyl Ether	2.783	73	4722	0.216	ug/L	95
18) trans-1,2-Dichloroethene	2.770	96	1618	0.127	ug/L	96
19) 1,1-Dichloroethane	3.204	63	33274	1.438	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	46393	3.699	ug/L	100
25) Chloroform	4.391	83	8961	0.377	ug/L	99
27) 1,2-Dichloroethane	5.149	62	3949	0.336	ug/L #	84
29) 1,1,1-Trichloroethane	4.616	97	16659	0.769	ug/L	99
31) Carbon tetrachloride	4.838	117	5292	0.297	ug/L	95
34) Trichloroethene	5.924	95	9492	0.700	ug/L	98
35) Methylcyclohexane	6.072	83	15902	0.761	ug/L #	19
39) cis-1,3-Dichloropropene	6.995	75	1061	0.068	ug/L #	13
40) 4-Methyl-2-pentanone	7.239	43	11713	2.280	ug/L #	89
47) Tetrachloroethene	7.982	164	3636	0.346	ug/L	95
49) Dibromochloromethane	7.976	129	3652	0.410	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	9988	1.627	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.246	75	186	0.170	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 11 01:25:15 2022
Response via : Initial Calibration

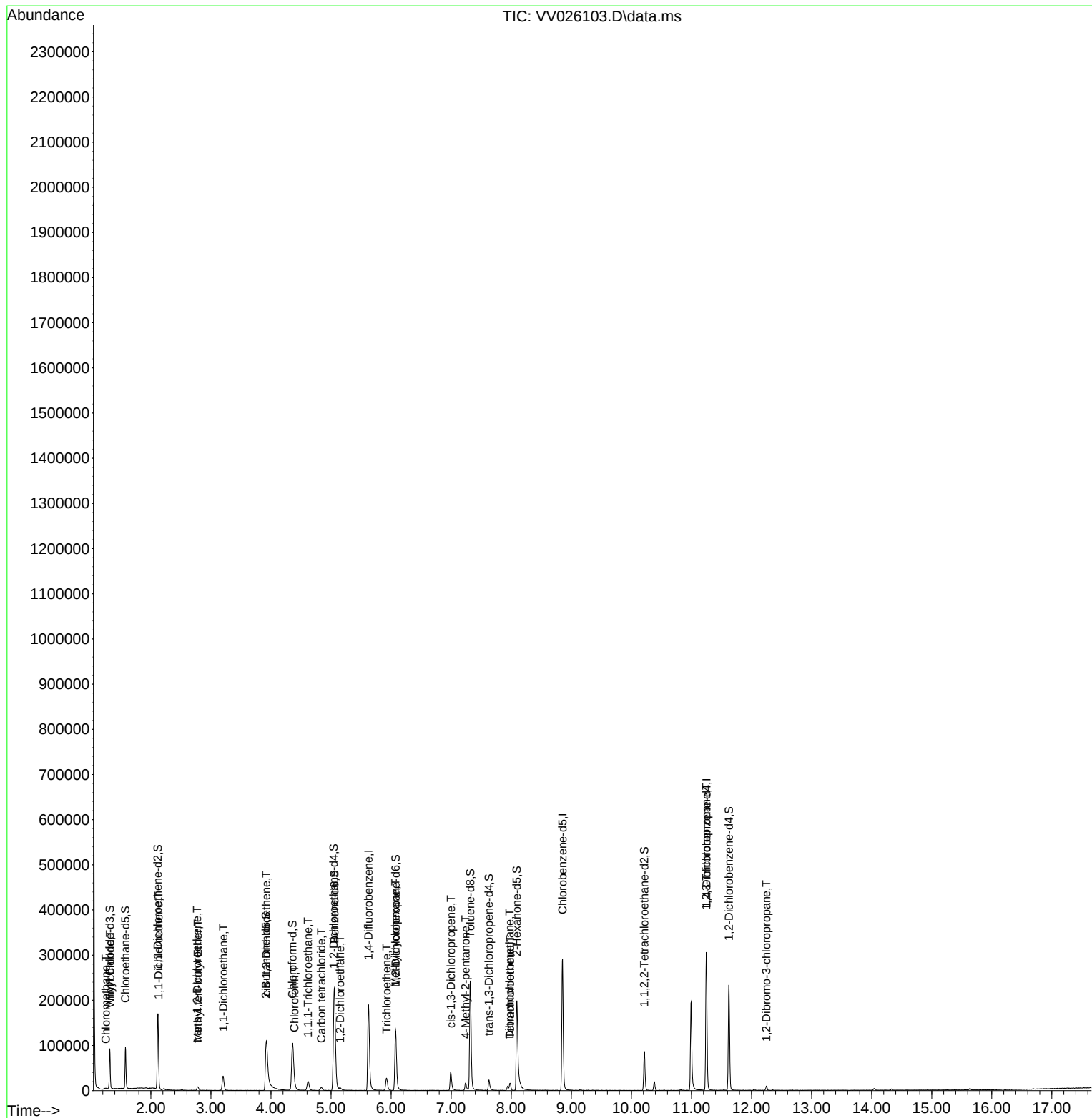
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

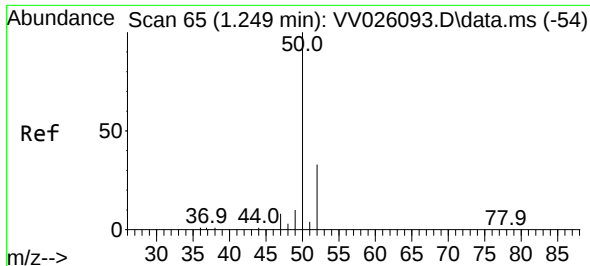
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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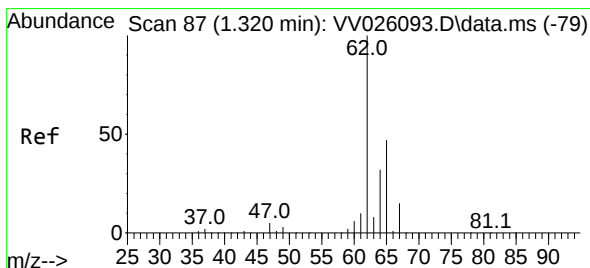
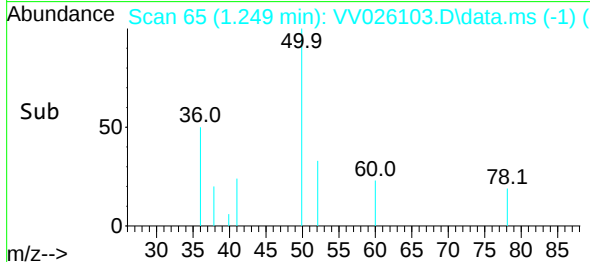
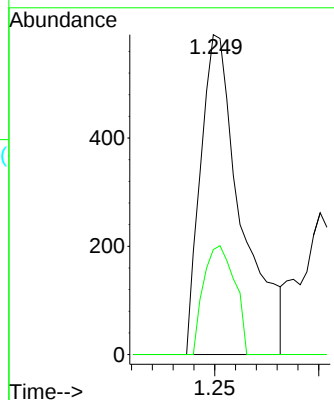
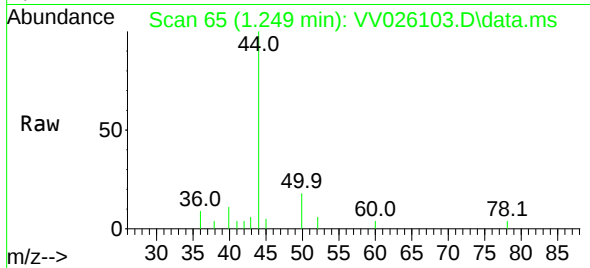




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

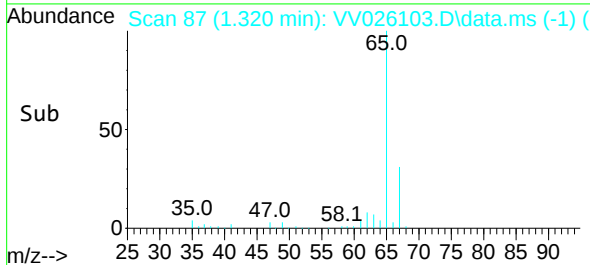
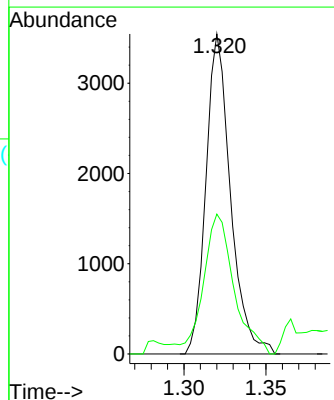
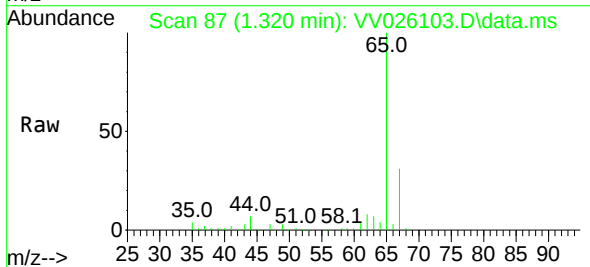
Instrument :
MSVOA_V
ClientSampleId :

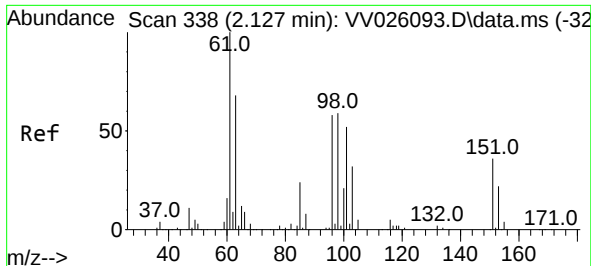
Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6



#5
Vinyl chloride
Concen: 0.191 ug/L
RT: 1.320 min Scan# 87
Delta R.T. -0.000 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

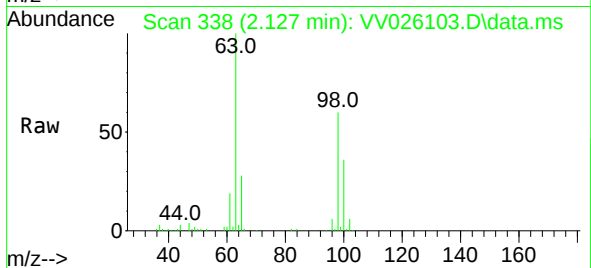
Tgt Ion: 62 Resp: 3682
Ion Ratio Lower Upper
62 100
64 43.7 23.4 43.4#



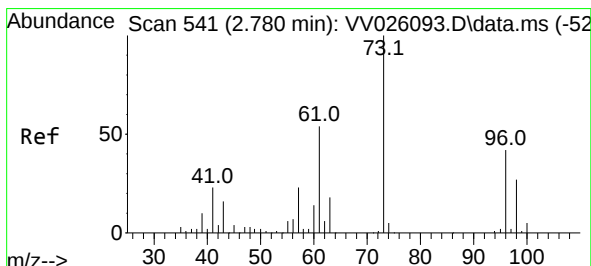
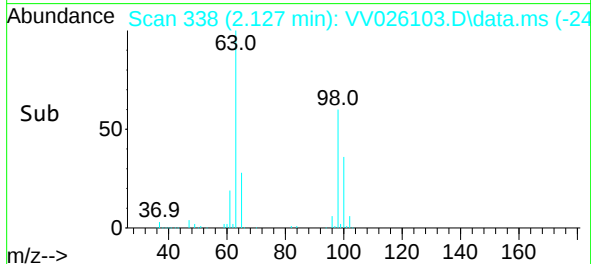
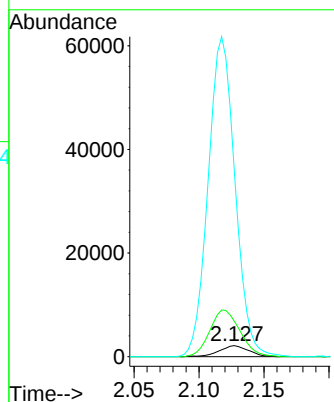


#12
 1,1-Dichloroethene
 Concen: 0.247 ug/L
 RT: 2.127 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026103.D
 Acq: 10 Jun 2022 19:18

Instrument :
 MSVOA_V
 ClientSampleId :

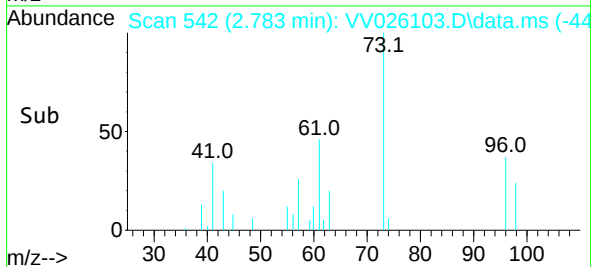
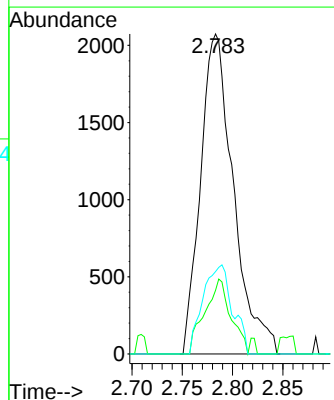
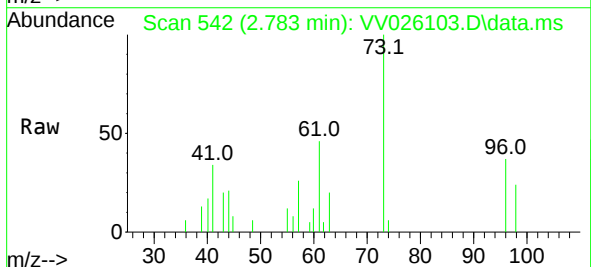


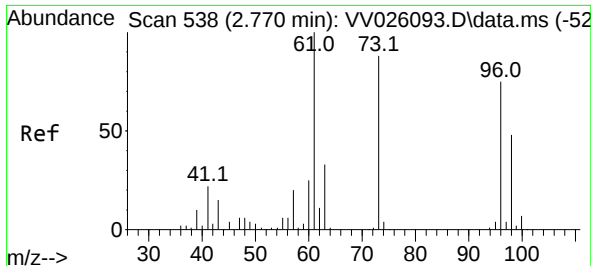
Tgt Ion: 96 Resp: 3335
 Ion Ratio Lower Upper
 96 100
 61 323.6 122.6 227.6#
 63 1692.4 78.5 145.9#



#17
 Methyl tert-butyl Ether
 Concen: 0.216 ug/L
 RT: 2.783 min Scan# 542
 Delta R.T. 0.003 min
 Lab File: VV026103.D
 Acq: 10 Jun 2022 19:18

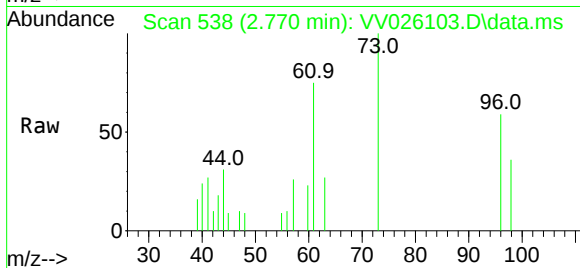
Tgt Ion: 73 Resp: 4722
 Ion Ratio Lower Upper
 73 100
 43 18.6 13.7 20.5
 57 25.0 17.8 26.6





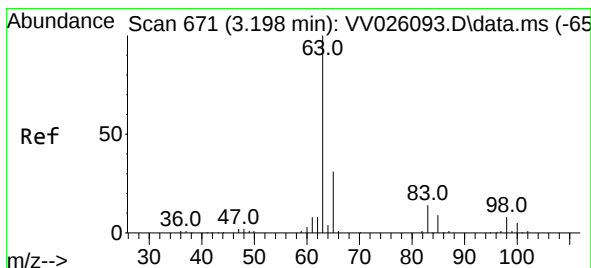
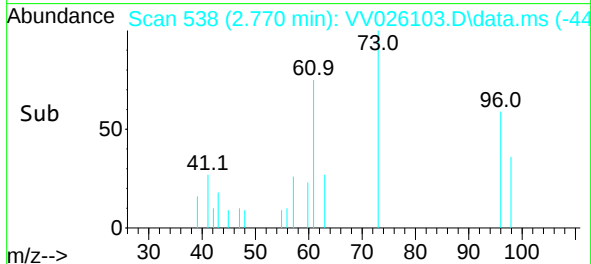
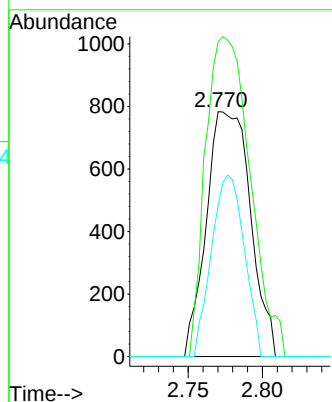
#18
trans-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1618

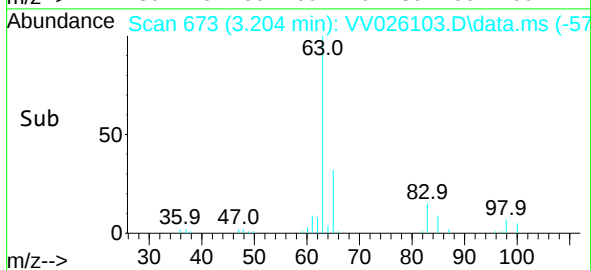
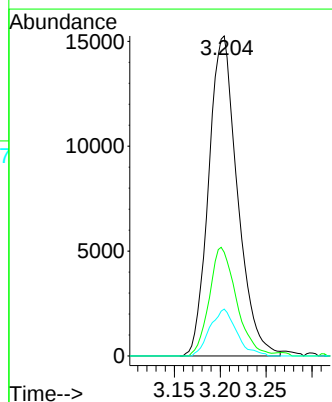
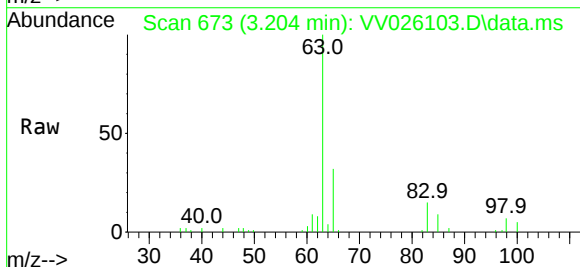
Ion	Ratio	Lower	Upper
96	100		
61	128.6	94.3	175.1
98	61.8	44.4	82.5

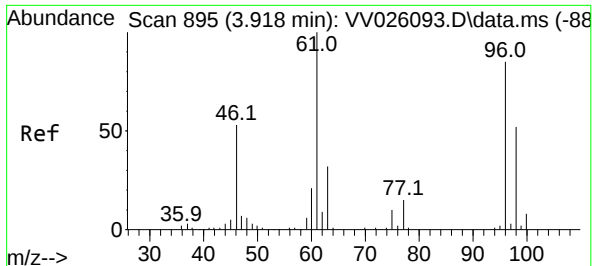


#19
1,1-Dichloroethane
Concen: 1.438 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.006 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

Tgt Ion: 63 Resp: 33274

Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.1	42.9
83	14.7	9.7	18.1





#22

cis-1,2-Dichloroethene

Concen: 3.699 ug/L

RT: 3.921 min Scan# 895

Delta R.T. 0.003 min

Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

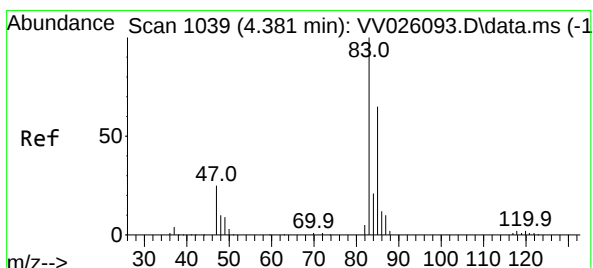
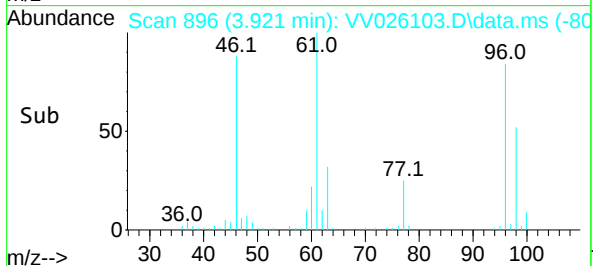
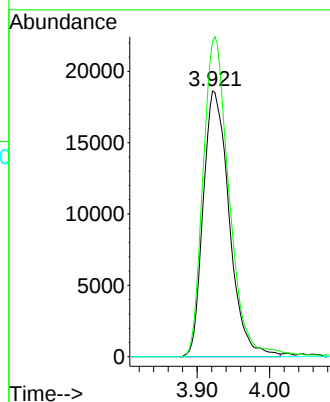
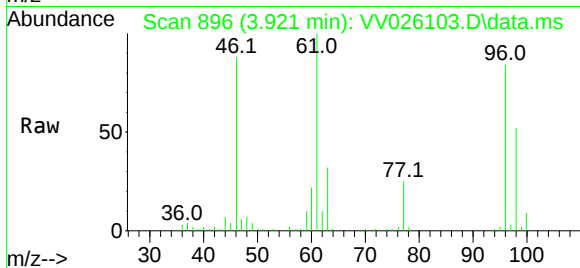
Tgt Ion: 96 Resp: 46393

Ion Ratio Lower Upper

96 100

61 118.7 83.1 154.3

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.377 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VV026103.D

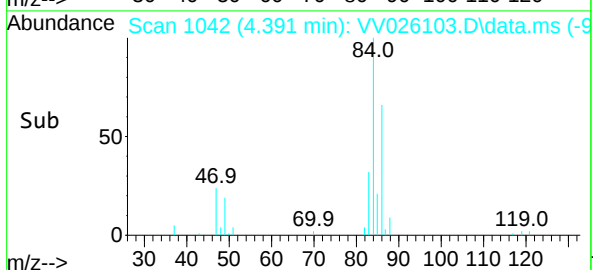
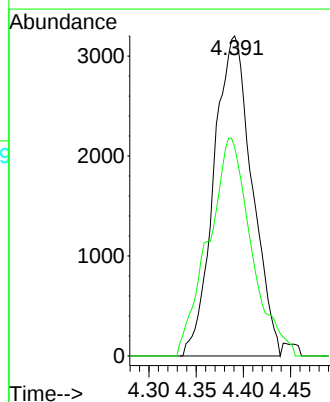
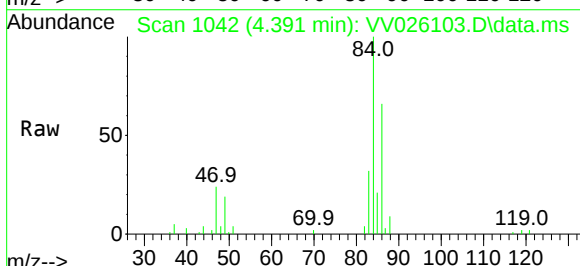
Acq: 10 Jun 2022 19:18

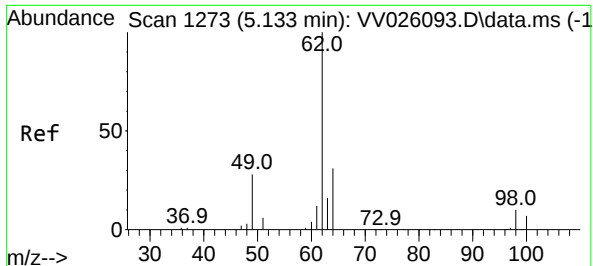
Tgt Ion: 83 Resp: 8961

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.336 ug/L

RT: 5.149 min Scan# 1112

Delta R.T. 0.016 min

Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

Instrument :

MSVOA_V

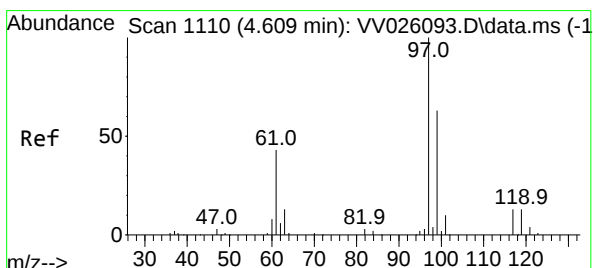
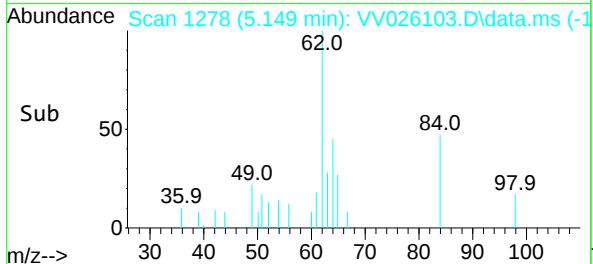
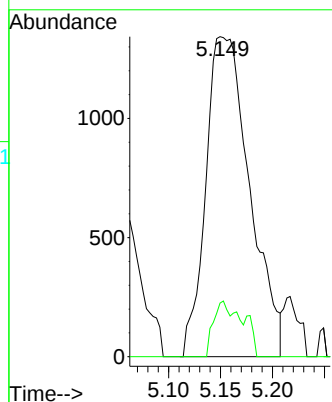
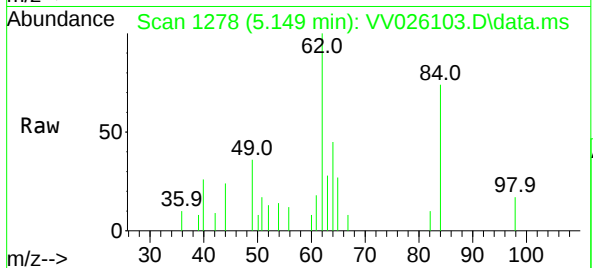
ClientSampleId :

Tgt Ion: 62 Resp: 3949

Ion Ratio Lower Upper

62 100

98 16.8 8.5 12.7#



#29

1,1,1-Trichloroethane

Concen: 0.769 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

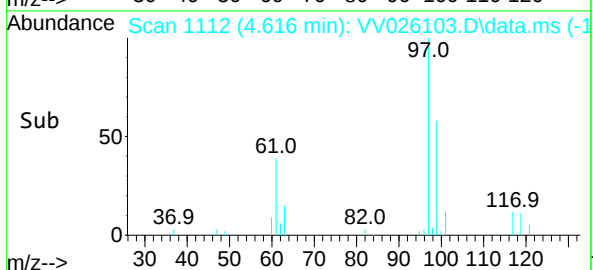
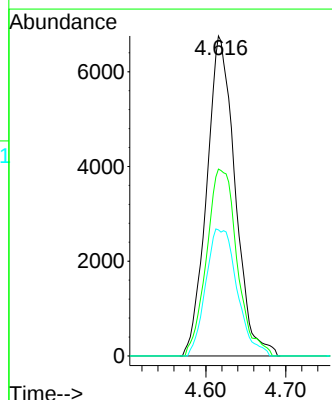
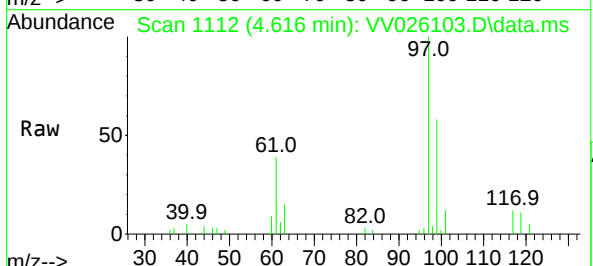
Tgt Ion: 97 Resp: 16659

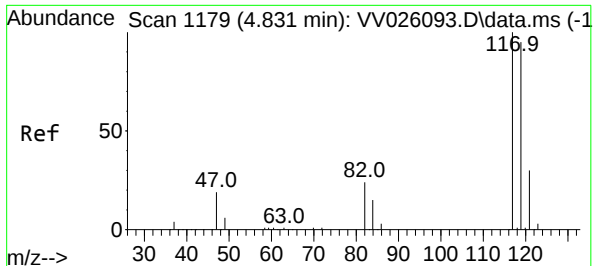
Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.0

61 43.7 34.9 52.3

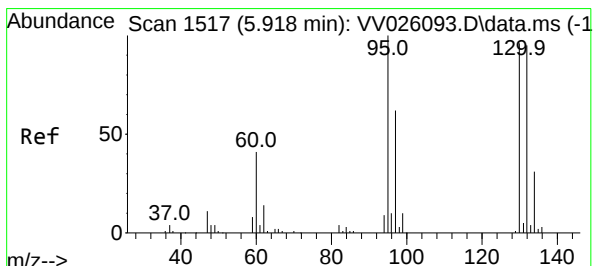
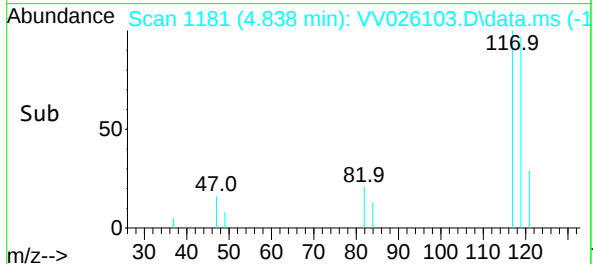
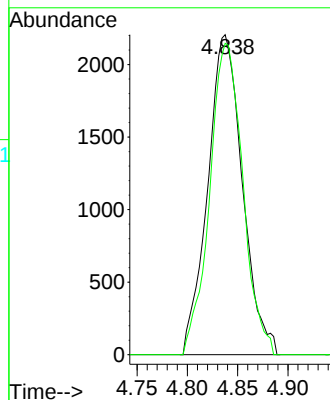
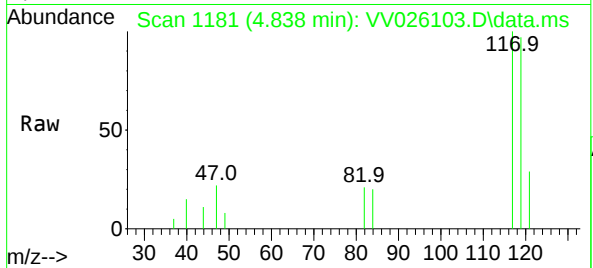




#31
Carbon tetrachloride
Concen: 0.297 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

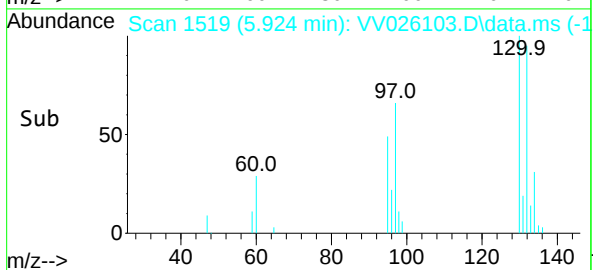
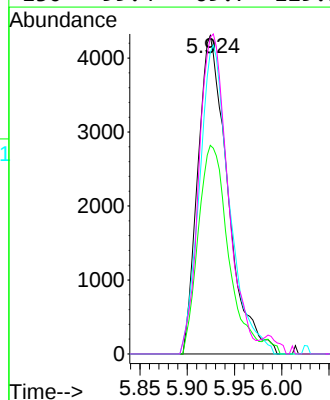
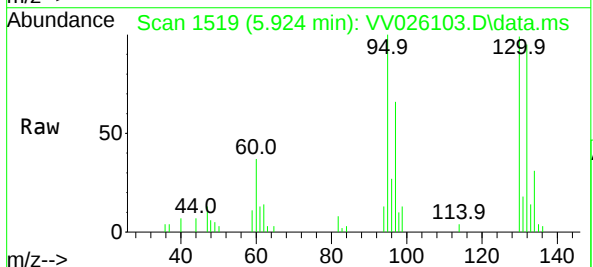
Instrument :
MSVOA_V
ClientSampleId :

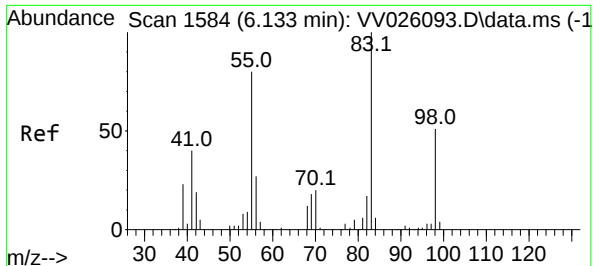
Tgt Ion:117 Resp: 5292
Ion Ratio Lower Upper
117 100
119 93.0 78.7 118.1



#34
Trichloroethene
Concen: 0.700 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

Tgt Ion: 95 Resp: 9492
Ion Ratio Lower Upper
95 100
97 65.5 44.0 81.6
132 94.8 67.5 125.4
130 99.4 69.7 129.5

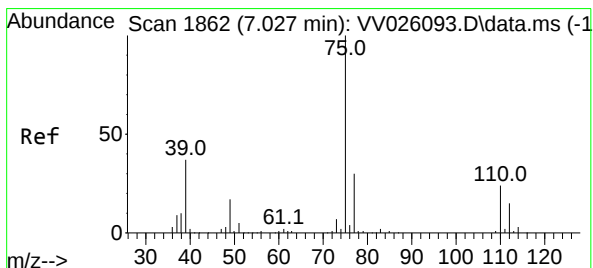
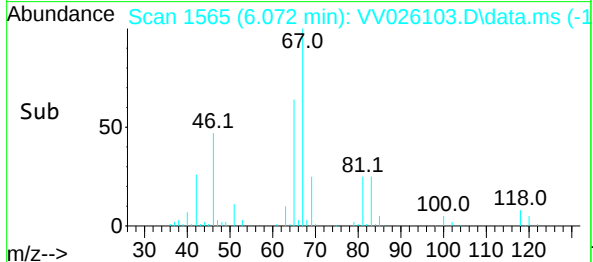
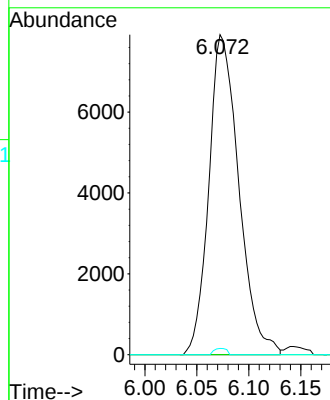
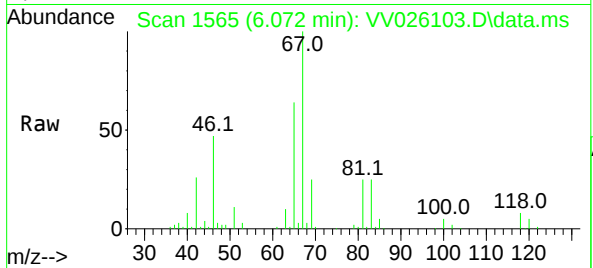




#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.072 min Scan# 1584
Delta R.T. -0.061 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

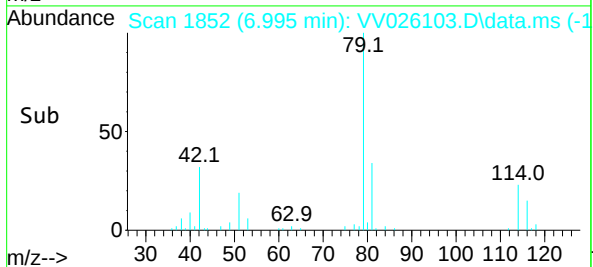
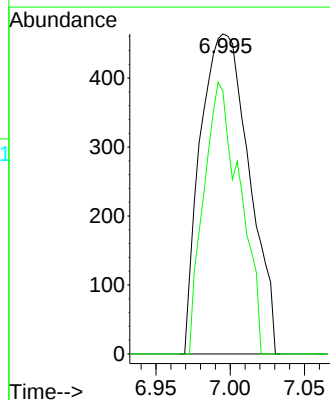
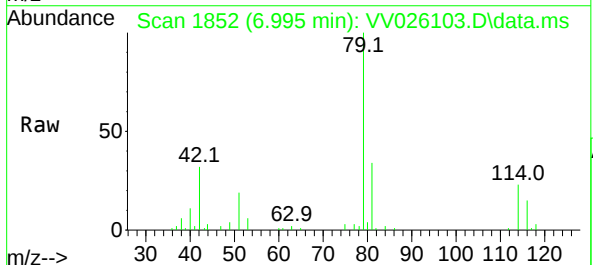
Instrument :
MSVOA_V
ClientSampleId :

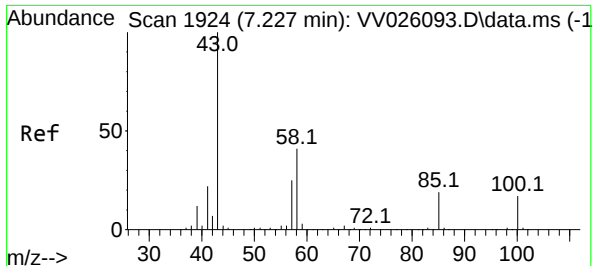
Tgt Ion: 83 Resp: 15902
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.8 38.9 58.3#



#39
cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

Tgt Ion: 75 Resp: 1061
Ion Ratio Lower Upper
75 100
77 82.1 23.2 43.0#





#40

4-Methyl-2-pentanone

Concen: 2.280 ug/L

RT: 7.239 min Scan# 1924

Delta R.T. 0.013 min

Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

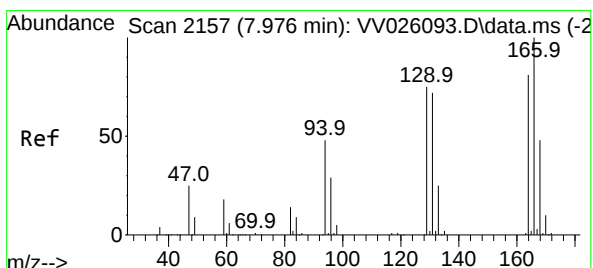
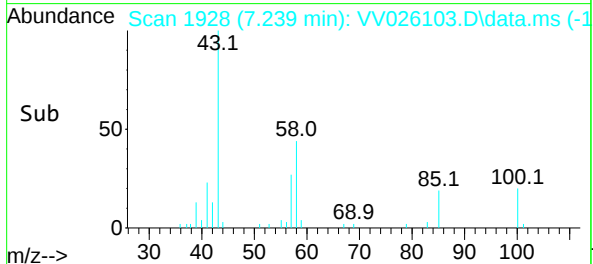
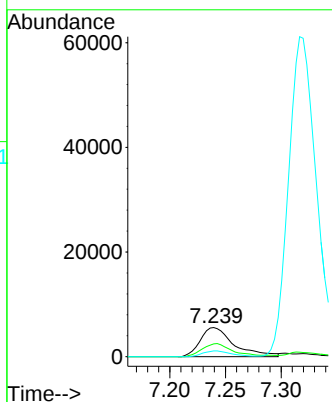
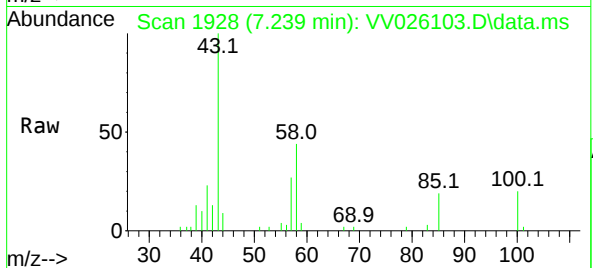
Tgt Ion: 43 Resp: 11713

Ion Ratio Lower Upper

43 100

58 42.2 34.2 51.2

100 0.0 12.6 19.0#



#47

Tetrachloroethene

Concen: 0.346 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

Tgt Ion: 164 Resp: 3636

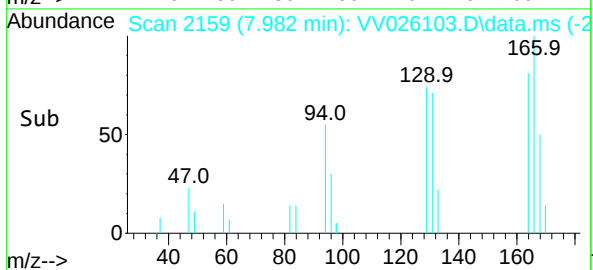
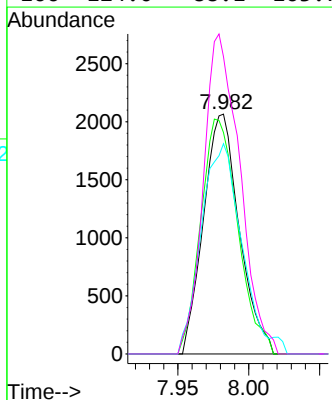
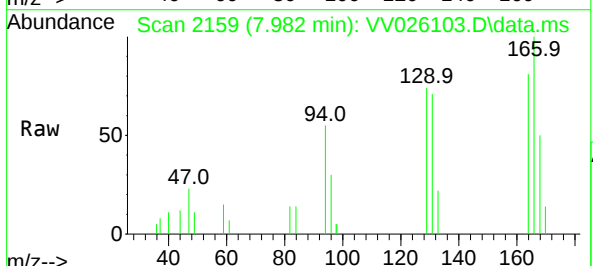
Ion Ratio Lower Upper

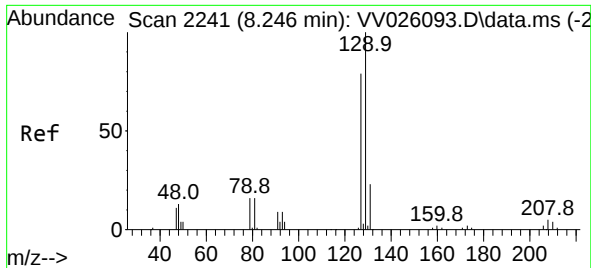
164 100

129 92.3 68.3 126.9

131 87.7 66.5 123.5

166 124.0 88.1 163.7

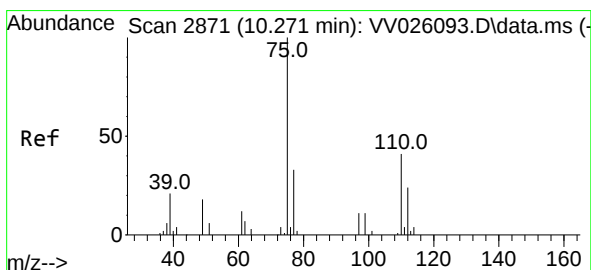
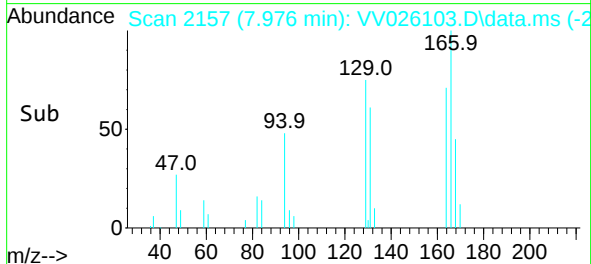
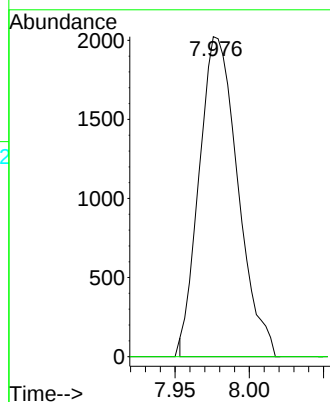
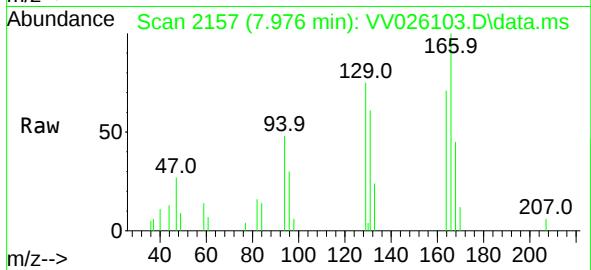




#49
Dibromochloromethane
Concen: 0.410 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.270 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

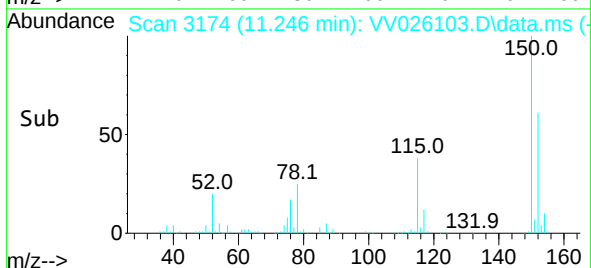
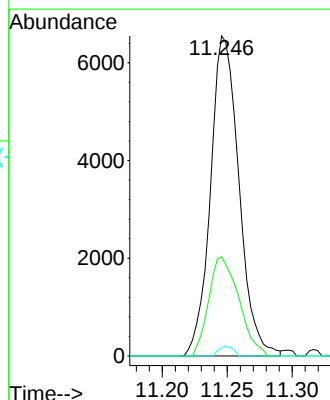
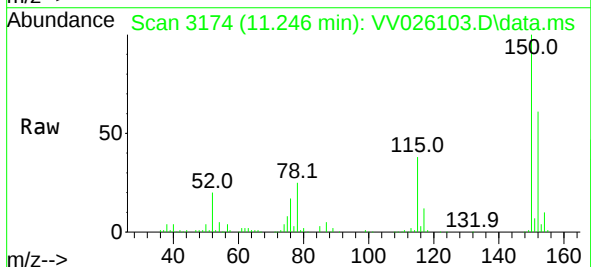
Instrument :
MSVOA_V
ClientSampleId :

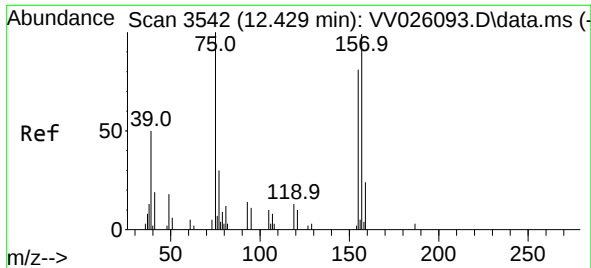
Tgt Ion:129 Resp: 3652
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 1.627 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026103.D
Acq: 10 Jun 2022 19:18

Tgt Ion: 75 Resp: 9988
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
110 1.5 32.0 48.0#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.170 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.183 min

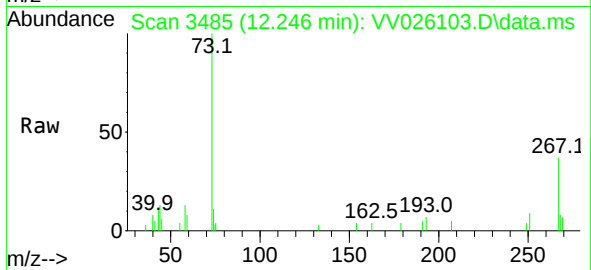
Lab File: VV026103.D

Acq: 10 Jun 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 186

Ion Ratio Lower Upper

75 100

155 0.0 68.0 102.0#

157 0.0 89.7 134.5#

