

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026681.D
 Acq On : 07 Jul 2022 16:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK274

Quant Time: Jul 08 03:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	168378	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	165674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53603	3.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.584	69	47850	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.121	63	77631	3.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.931	46	72526	53.872	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.740%	
24) Chloroform-d	4.365	84	103140	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.047	65	42007	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.063	84	193412	4.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.079	67	60309	4.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.320	98	148736	3.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.600%#	
43) trans-1,3-Dichloroprop...	7.632	79	12956	3.830	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.095	63	52341	40.626	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39488	4.613	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49721	4.474	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1644	0.117	ug/L #	68
5) Vinyl chloride	1.326	62	667	0.045	ug/L #	1
6) Bromomethane	1.539	94	1283	0.159	ug/L	98
8) Chloroethane	1.661	64	752	0.074	ug/L #	60
12) 1,1-Dichloroethene	2.127	96	1148	0.101	ug/L #	1
16) Methylene chloride	2.526	84	5094	0.422	ug/L	91
18) trans-1,2-Dichloroethene	2.780	96	5112	0.441	ug/L	90
22) cis-1,2-Dichloroethene	3.934	96	13382	1.161	ug/L	99
25) Chloroform	4.394	83	3710	0.166	ug/L	92
34) Trichloroethene	5.921	95	74605	5.866	ug/L	97
35) Methylcyclohexane	6.079	83	14947	0.794	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	6061	0.520	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	987	0.084	ug/L	88
47) Tetrachloroethene	7.979	164	25100	2.479	ug/L	98
49) Dibromochloromethane	7.979	129	22860	3.071	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7224	1.661	ug/L #	65

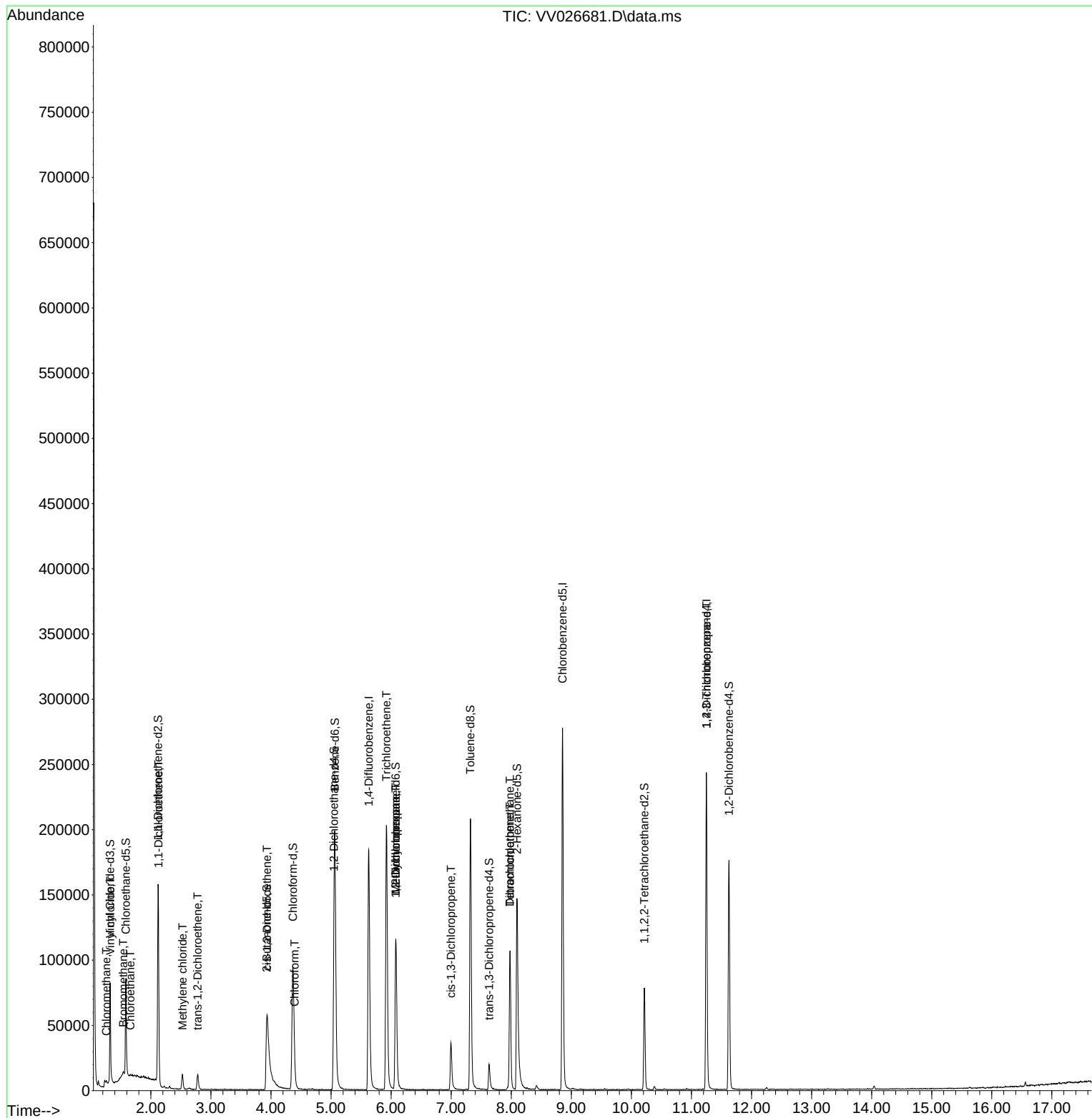
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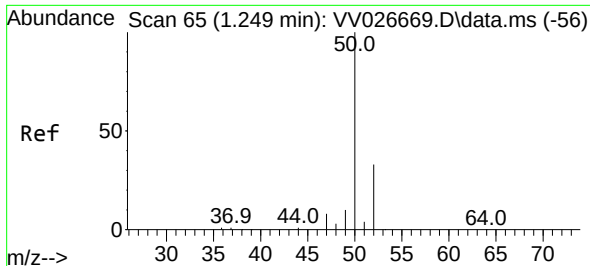
Instrument :
MSVOA_V
ClientSampleId :
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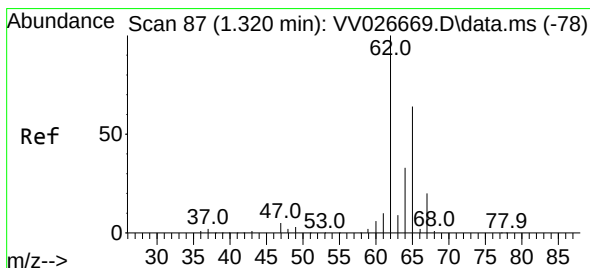
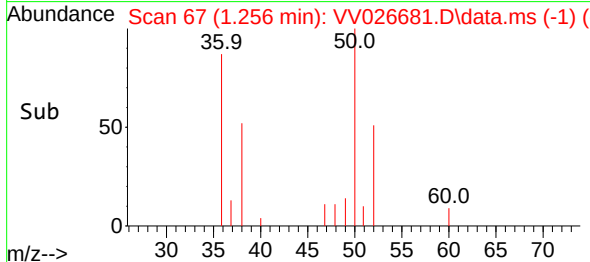
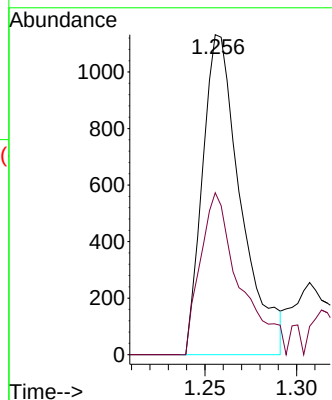
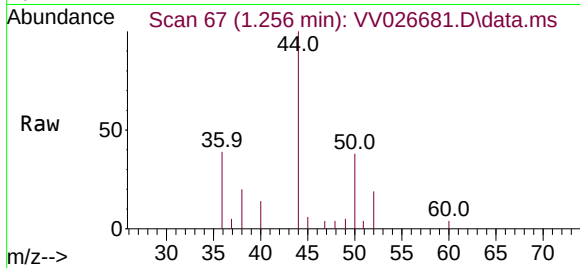




#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026681.D
Acq: 07 Jul 2022 16:52

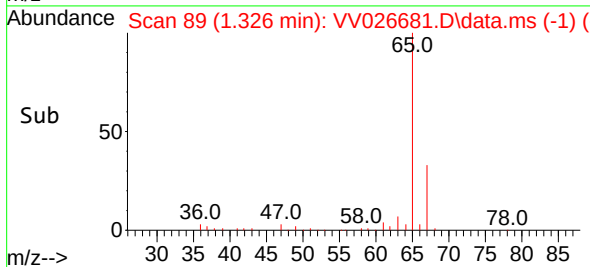
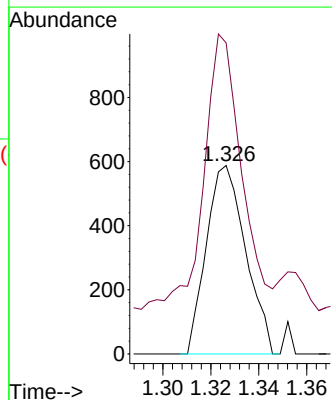
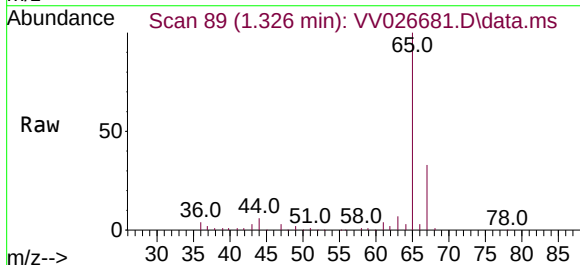
Instrument :
MSVOA_V
ClientSampleId :
VIBLK274

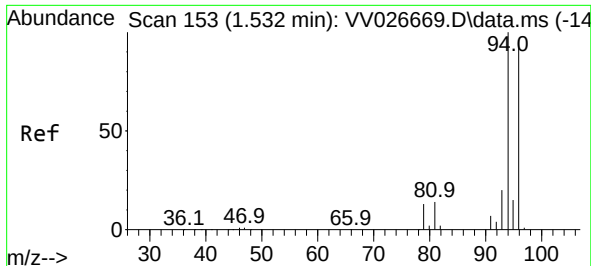
Tgt Ion: 50 Resp: 1644
Ion Ratio Lower Upper
50 100
52 50.6 23.0 42.6#



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.326 min Scan# 89
Delta R.T. 0.006 min
Lab File: VV026681.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 62 Resp: 667
Ion Ratio Lower Upper
62 100
64 165.0 26.2 48.6#





#6

Bromomethane

Concen: 0.159 ug/L

RT: 1.539 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

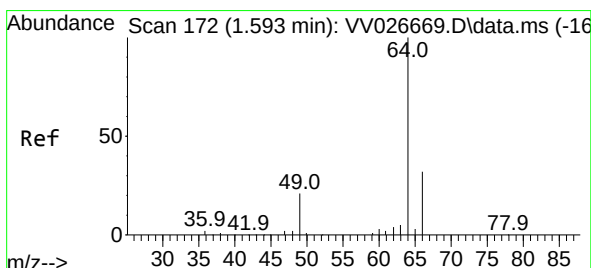
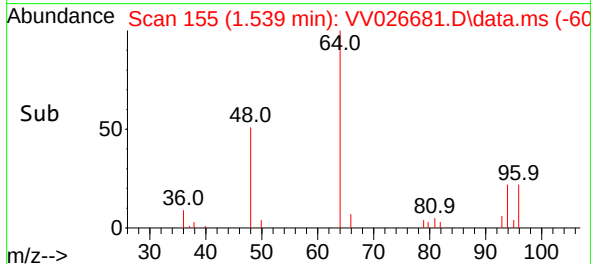
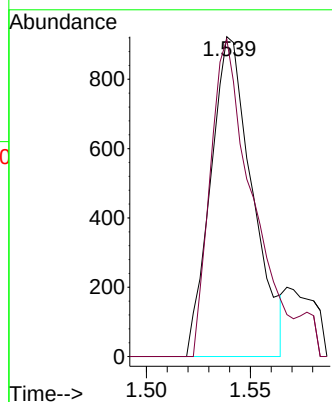
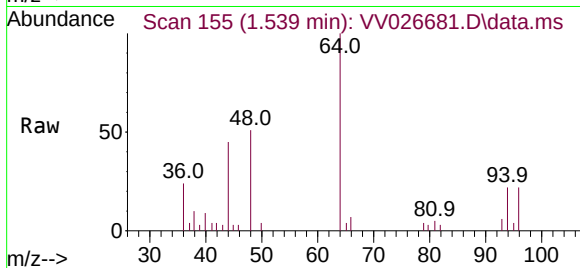
VIBLK274

Tgt Ion: 94 Resp: 1283

Ion Ratio Lower Upper

94 100

96 99.2 68.0 126.2



#8

Chloroethane

Concen: 0.074 ug/L

RT: 1.661 min Scan# 193

Delta R.T. 0.067 min

Lab File: VV026681.D

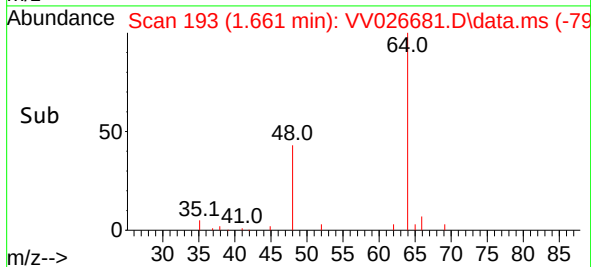
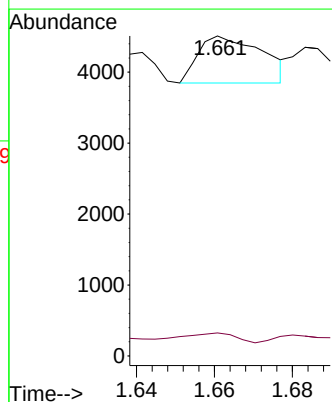
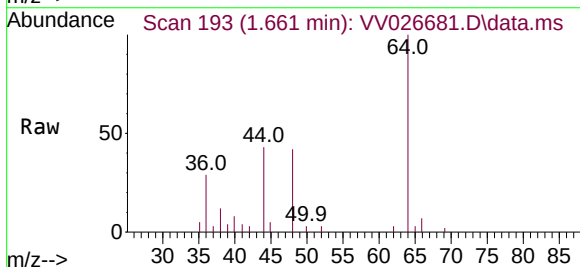
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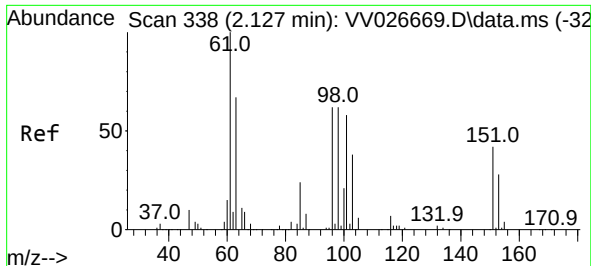
Tgt Ion: 64 Resp: 752

Ion Ratio Lower Upper

64 100

66 7.2 20.0 37.2#





#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

VIBLK274

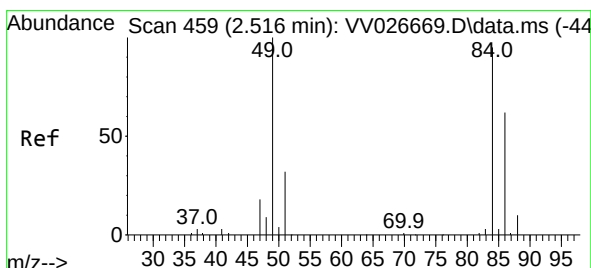
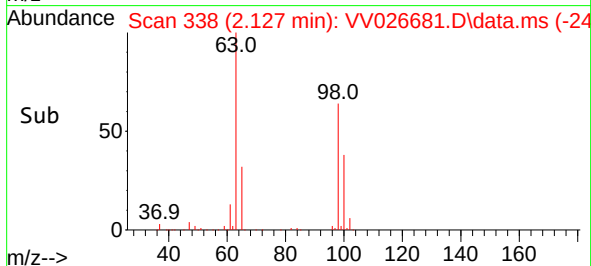
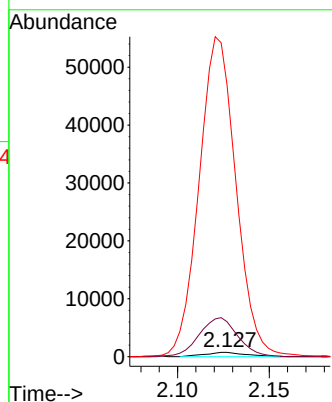
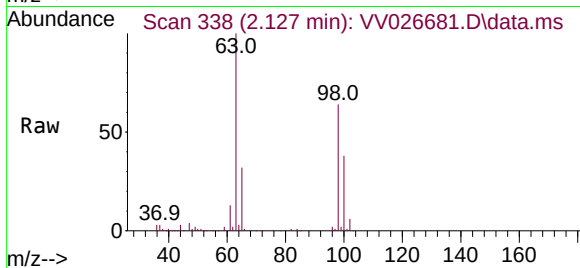
Tgt Ion: 96 Resp: 1148

Ion Ratio Lower Upper

96 100

61 801.3 115.4 214.4#

63 6242.3 87.4 162.2#



#16

Methylene chloride

Concen: 0.422 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.009 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

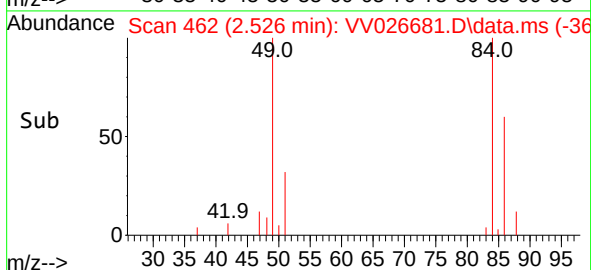
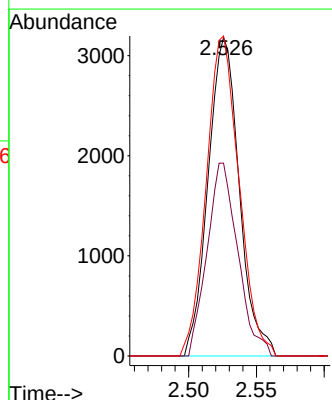
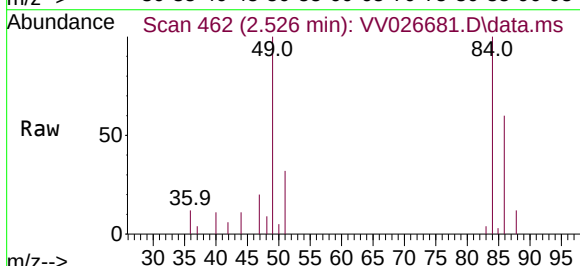
Tgt Ion: 84 Resp: 5094

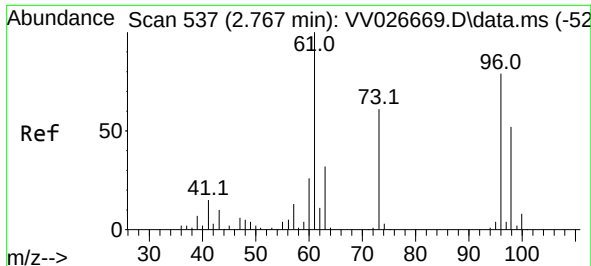
Ion Ratio Lower Upper

84 100

86 60.5 46.0 85.4

49 100.5 77.7 144.3

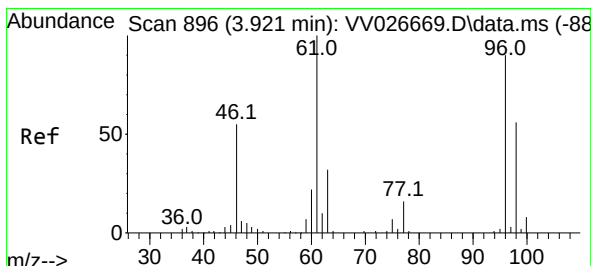
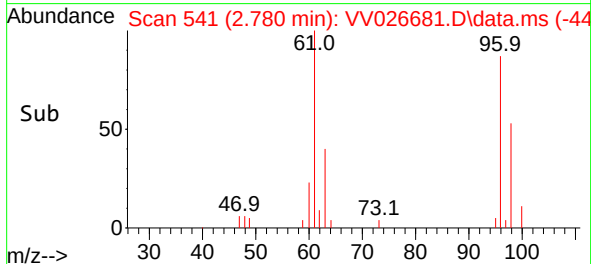
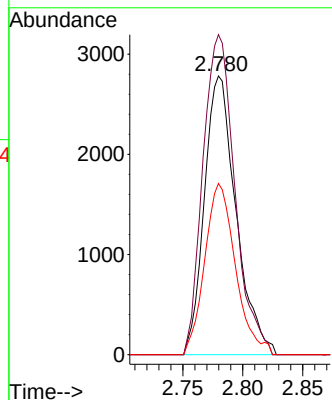
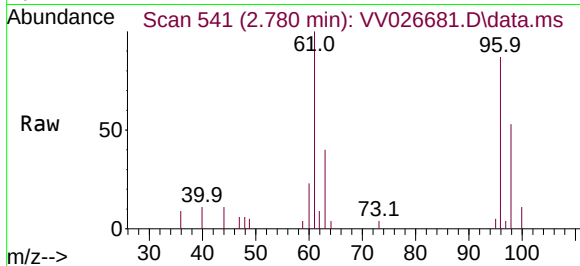




#18
trans-1,2-Dichloroethene
Concen: 0.441 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026681.D
Acq: 07 Jul 2022 16:52

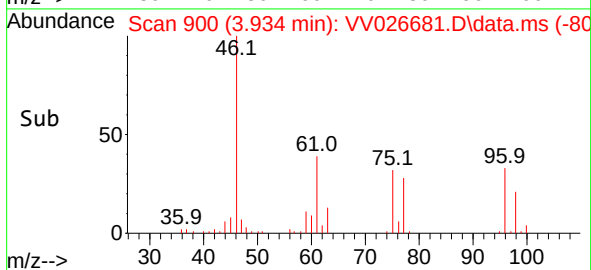
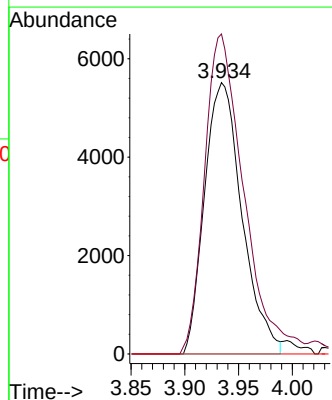
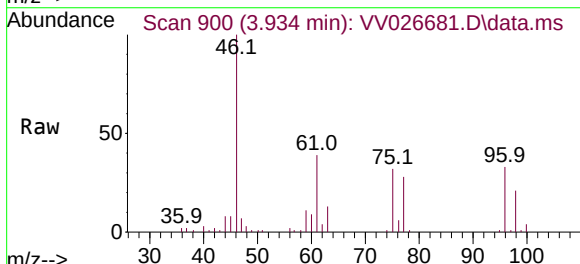
Instrument :
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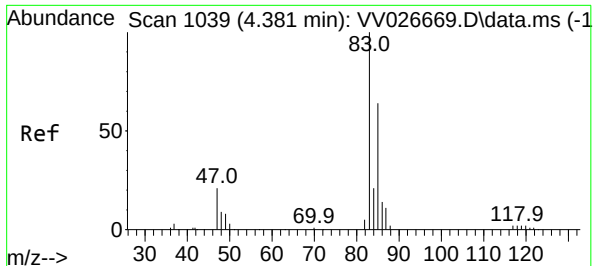
Tgt Ion: 96 Resp: 5112
Ion Ratio Lower Upper
96 100
61 114.8 90.4 167.8
98 61.4 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 1.161 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.013 min
Lab File: VV026681.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 96 Resp: 13382
Ion Ratio Lower Upper
96 100
61 117.9 82.0 152.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.166 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.013 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

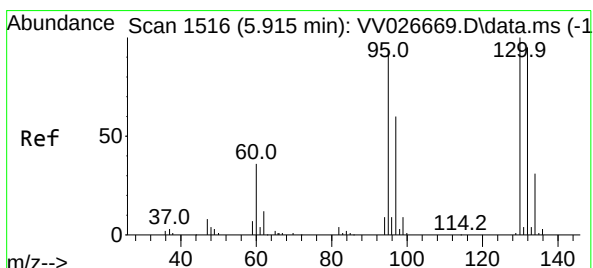
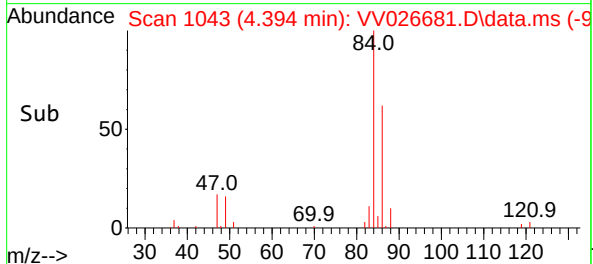
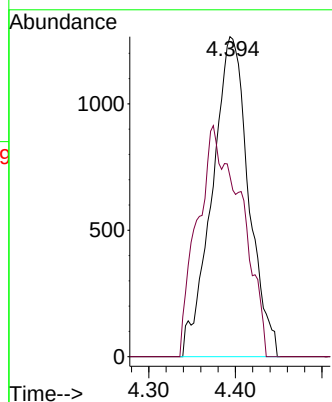
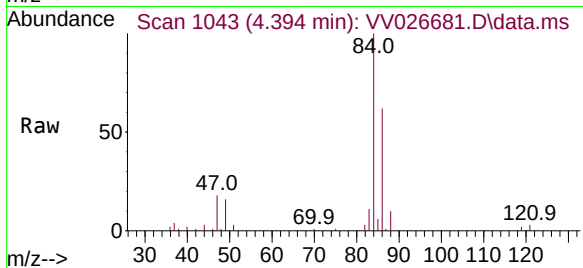
VIBLK274

Tgt Ion: 83 Resp: 3710

Ion Ratio Lower Upper

83 100

85 56.4 44.0 81.8



#34

Trichloroethene

Concen: 5.866 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Tgt Ion: 95 Resp: 74605

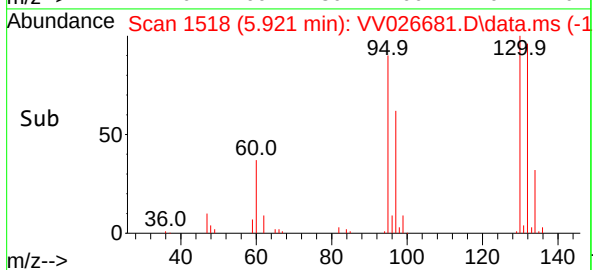
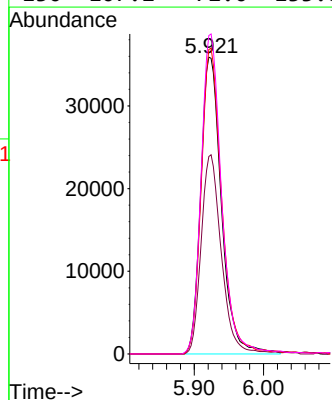
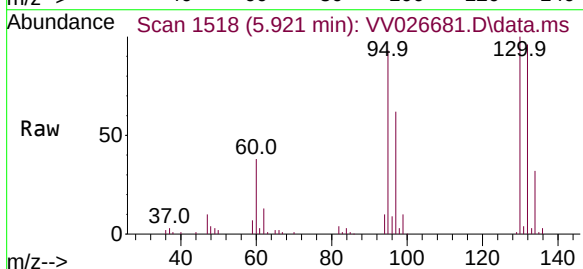
Ion Ratio Lower Upper

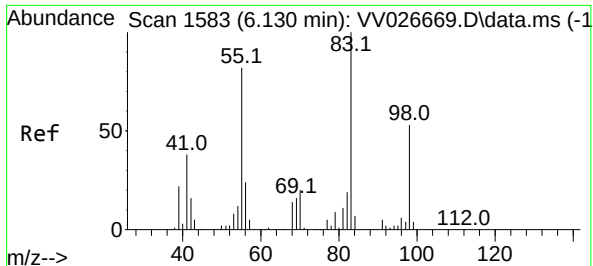
95 100

97 66.5 46.8 87.0

132 102.6 69.9 129.7

130 107.2 72.0 133.8





#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.052 min

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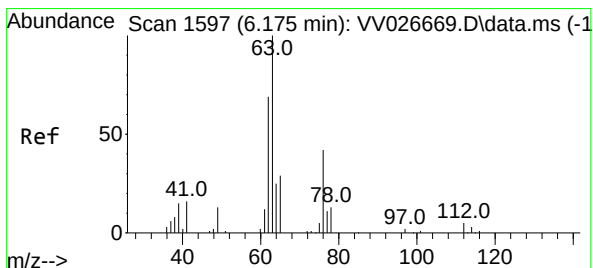
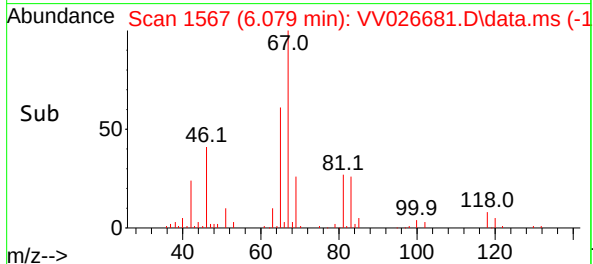
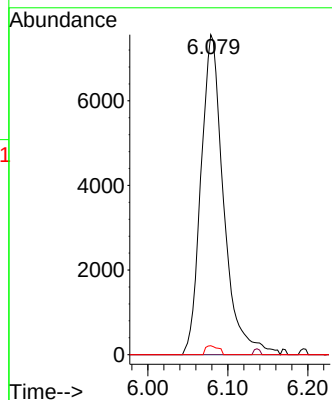
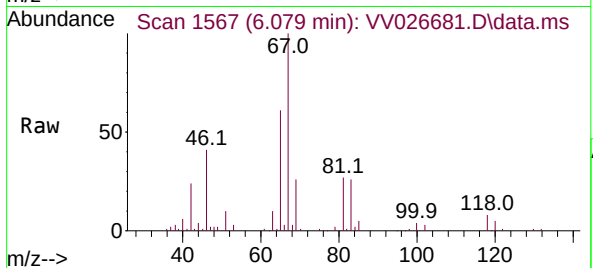
Tgt Ion: 83 Resp: 14947

Ion Ratio Lower Upper

83 100

55 0.5 57.0 85.4#

98 1.6 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV026681.D

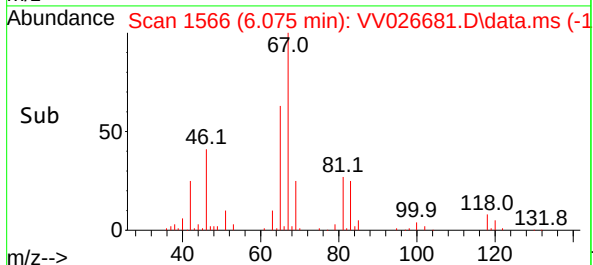
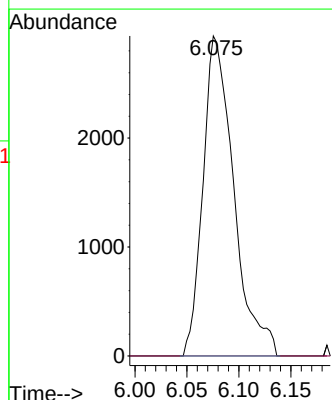
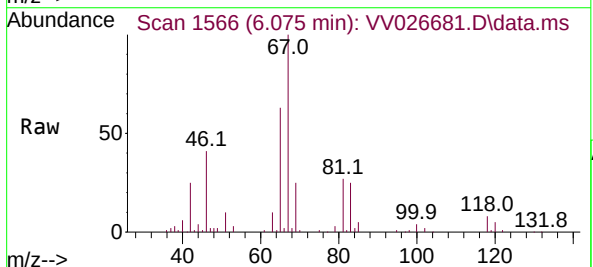
Acq: 07 Jul 2022 16:52

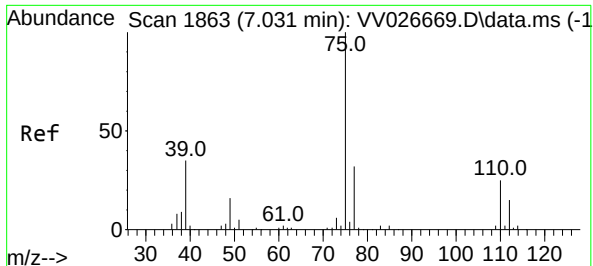
Tgt Ion: 63 Resp: 6061

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

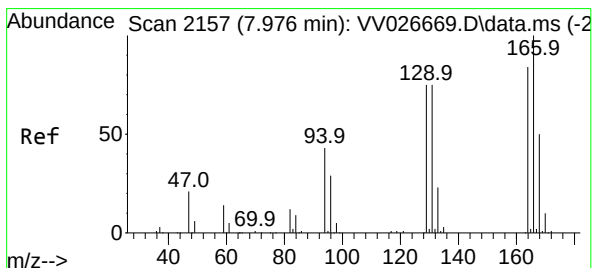
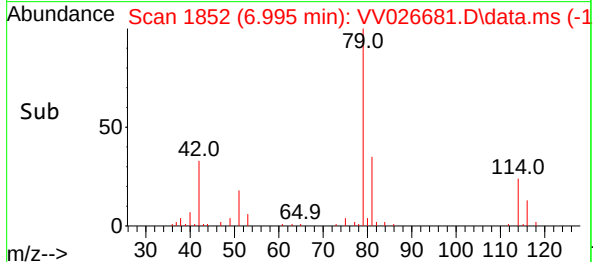
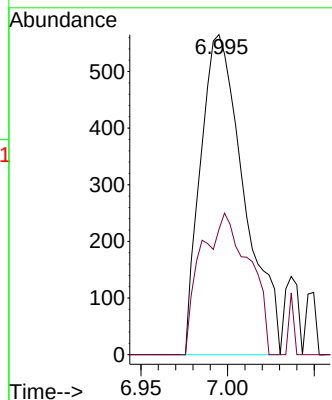
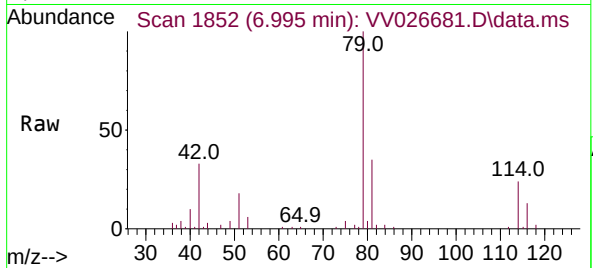
VIBLK274

Tgt Ion: 75 Resp: 987

Ion Ratio Lower Upper

75 100

77 39.1 22.8 42.4



#47

Tetrachloroethene

Concen: 2.479 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Tgt Ion: 164 Resp: 25100

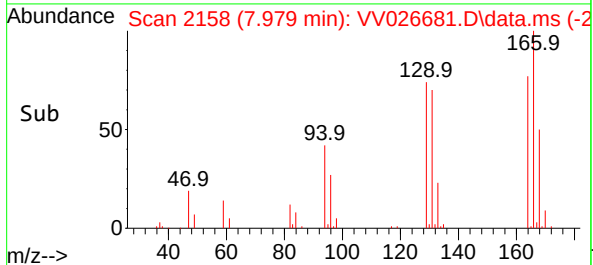
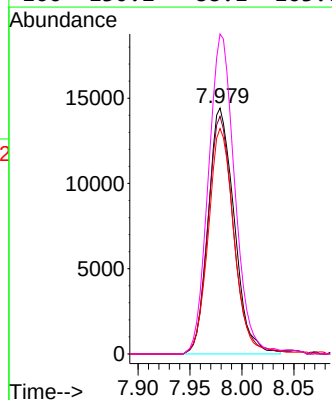
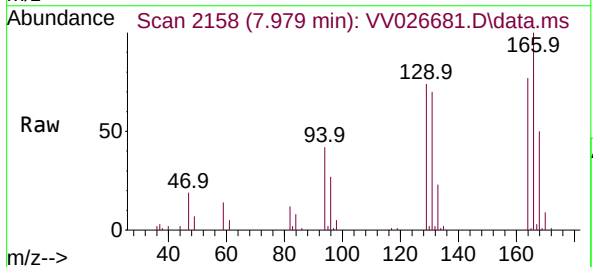
Ion Ratio Lower Upper

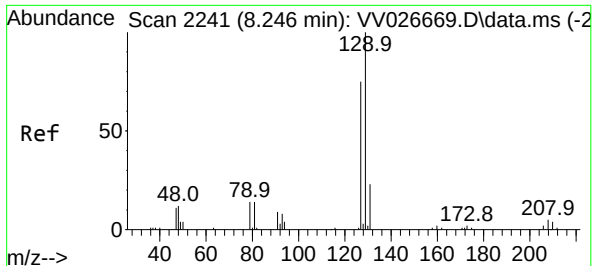
164 100

129 96.6 66.4 123.2

131 91.7 64.4 119.6

166 130.2 88.1 163.7





#49

Dibromochloromethane

Concen: 3.071 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

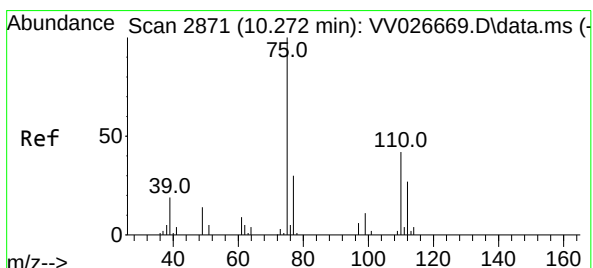
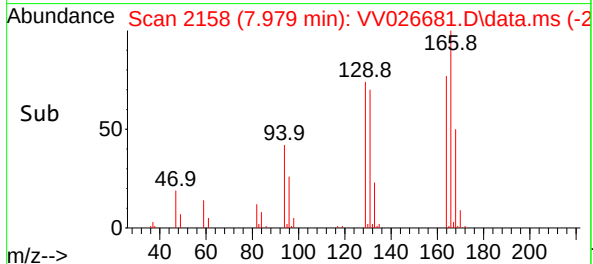
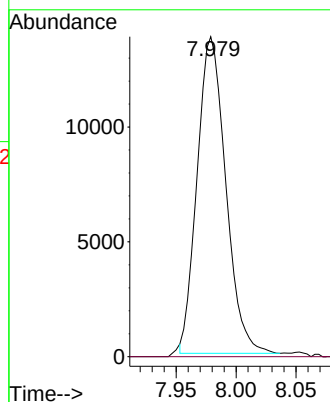
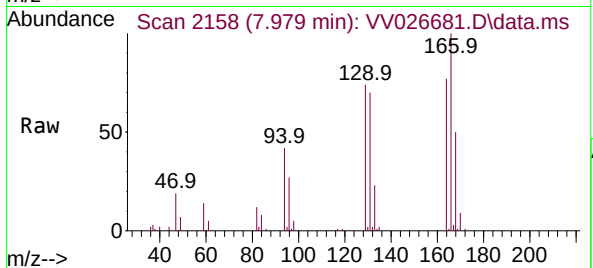
VIBLK274

Tgt Ion:129 Resp: 22860

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.661 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026681.D

Acq: 07 Jul 2022 16:52

Tgt Ion: 75 Resp: 7224

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 1.9 32.5 48.7#

