

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
 Data File : VV024722.D
 Acq On : 17 Feb 2022 15:17
 Operator : SY/MD
 Sample : VV0217WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK307

Quant Time: Feb 18 07:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

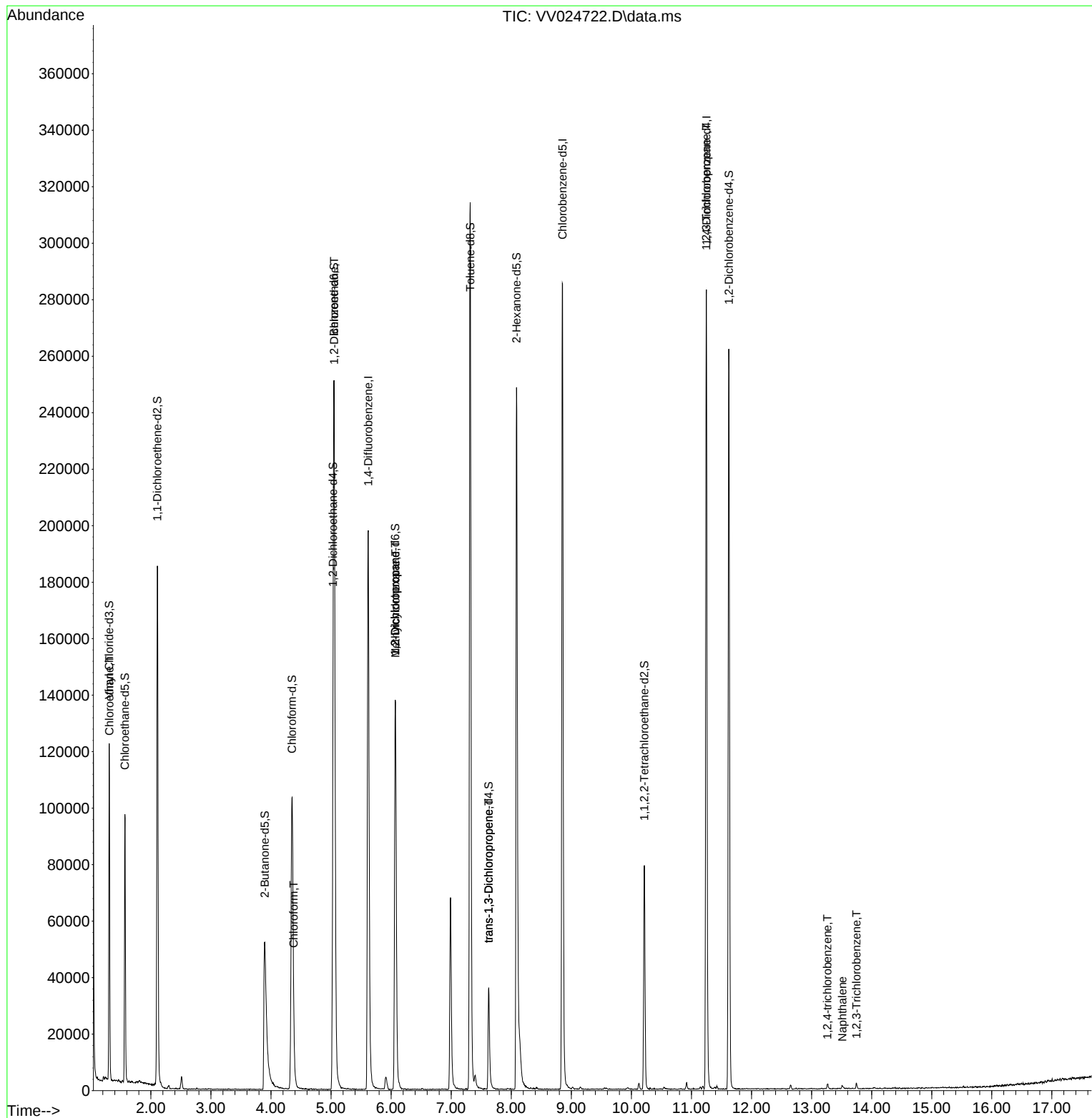
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	172231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	158191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73161	5.008	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5	1.568	69	60044	5.010	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.200%		
11) 1,1-Dichloroethene-d2	2.108	63	96802	3.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 72.400%		
20) 2-Butanone-d5	3.895	46	105231	50.431	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 100.860%		
24) Chloroform-d	4.349	84	109986	4.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
26) 1,2-Dichloroethane-d4	5.034	65	52142	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.600%		
32) Benzene-d6	5.050	84	232845	5.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
36) 1,2-Dichloropropane-d6	6.069	67	69571	5.180	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.317	98	208102	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
43) trans-1,3-Dichloroprop...	7.625	79	21651	4.839	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.088	63	87112	49.482	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.960%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40277	4.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	62405	5.231	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.600%		
Target Compounds						
8) Chloroethane	1.310	64	1025	0.090	ug/L #	1
25) Chloroform	4.378	83	4018	0.160	ug/L	97
27) 1,2-Dichloroethane	5.053	62	1372	0.103	ug/L #	73
35) Methylcyclohexane	6.072	83	16752	0.731	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7861	0.621	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	1023	0.073	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	10017	1.603	ug/L #	68
70) 1,2,4-trichlorobenzene	13.265	180	930	0.069	ug/L #	83
71) Naphthalene	13.512	128	1597	0.070	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.747	180	672	0.060	ug/L #	93

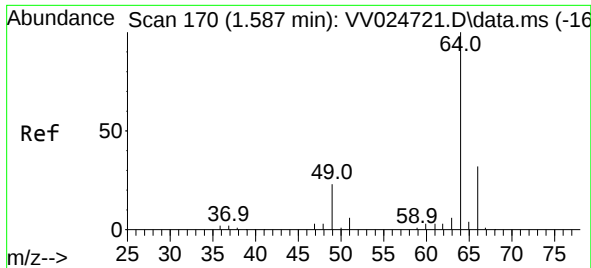
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
Data File : VV024722.D
Acq On : 17 Feb 2022 15:17
Operator : SY/MD
Sample : VV0217WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK307

Quant Time: Feb 18 07:33:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

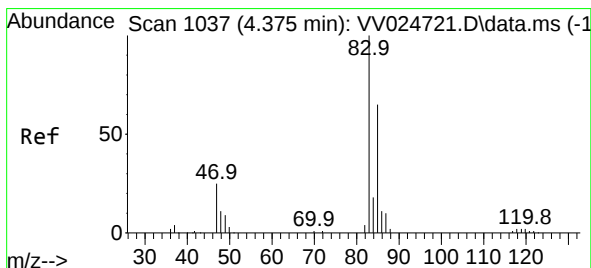
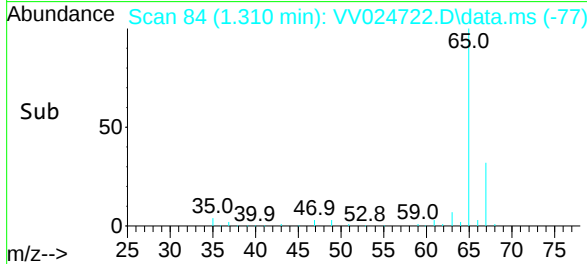
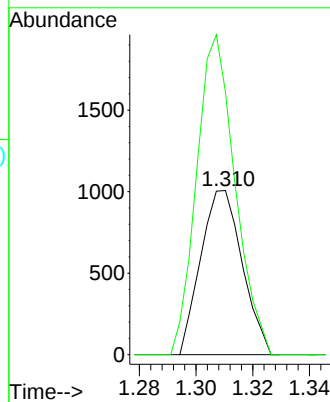
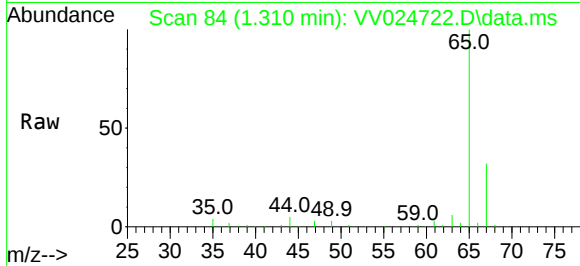




#8
Chloroethane
Concen: 0.090 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.277 min
Lab File: VV024722.D
Acq: 17 Feb 2022 15:17

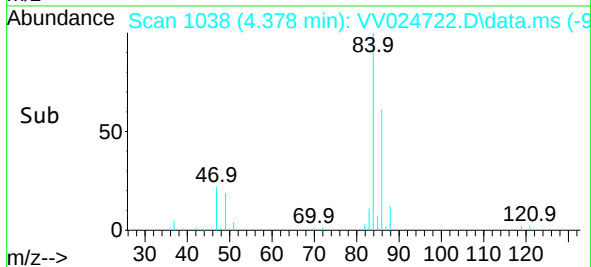
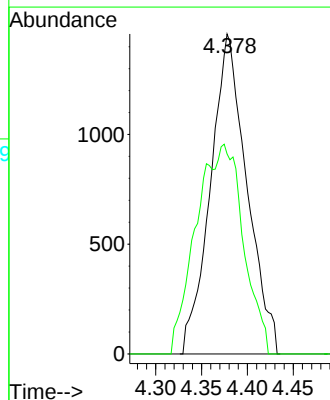
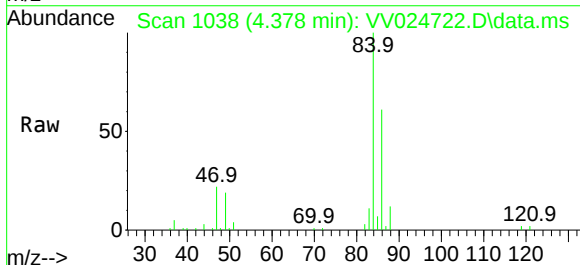
Instrument :
MSVOA_V
ClientSampleId :
VBLK307

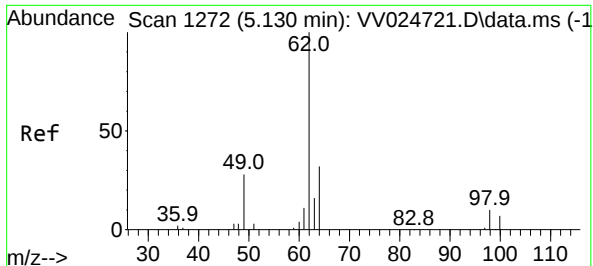
Tgt Ion: 64 Resp: 1025
Ion Ratio Lower Upper
64 100
66 159.9 22.5 41.9#



#25
Chloroform
Concen: 0.160 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV024722.D
Acq: 17 Feb 2022 15:17

Tgt Ion: 83 Resp: 4018
Ion Ratio Lower Upper
83 100
85 62.5 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV024722.D

Acq: 17 Feb 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

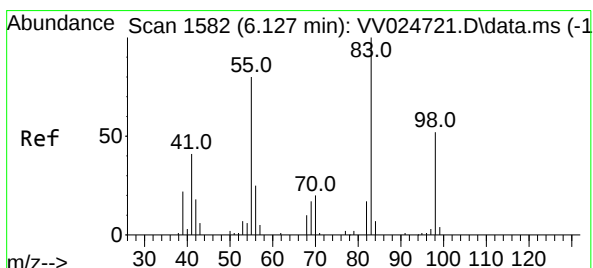
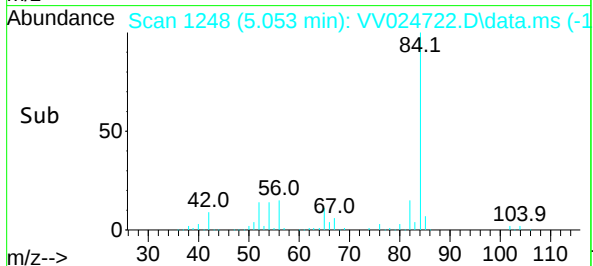
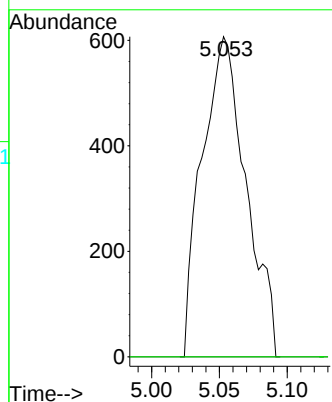
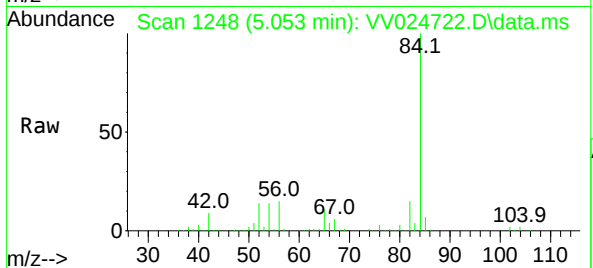
VBLK307

Tgt Ion: 62 Resp: 1372

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024722.D

Acq: 17 Feb 2022 15:17

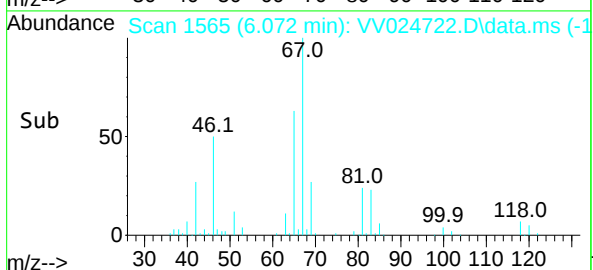
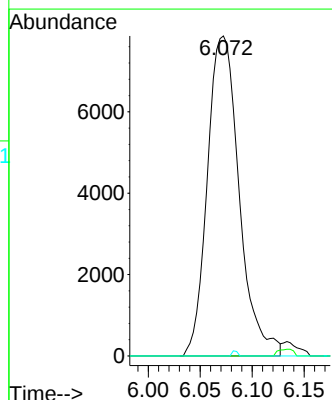
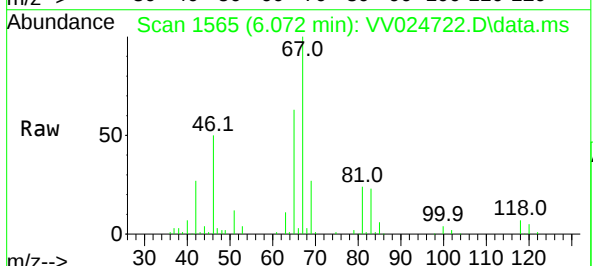
Tgt Ion: 83 Resp: 16752

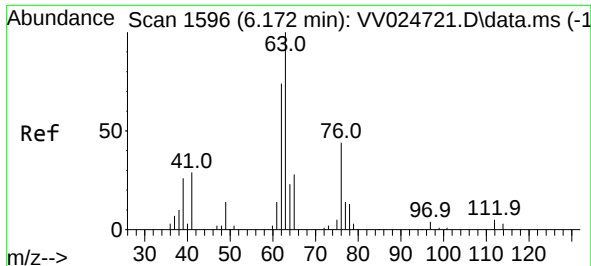
Ion Ratio Lower Upper

83 100

55 1.0 58.8 88.2#

98 0.3 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024722.D

Acq: 17 Feb 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

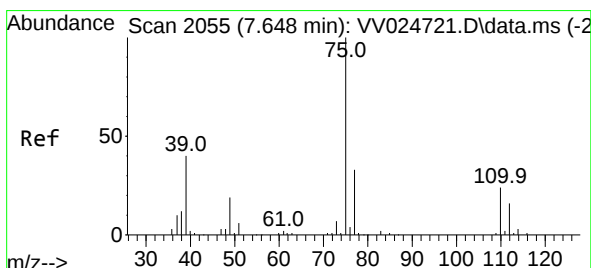
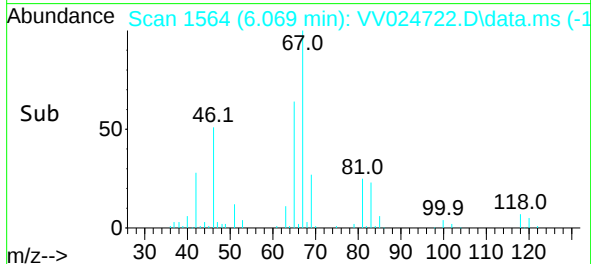
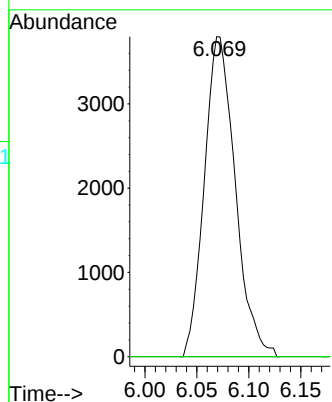
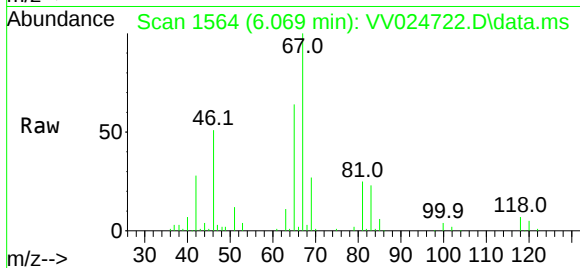
VBLK307

Tgt Ion: 63 Resp: 7861

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV024722.D

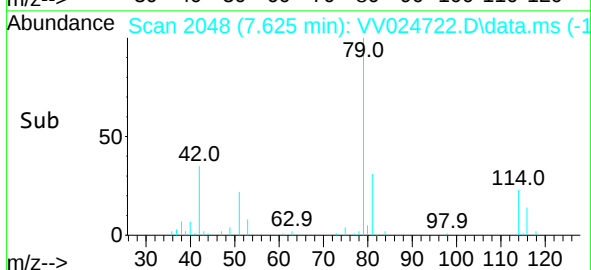
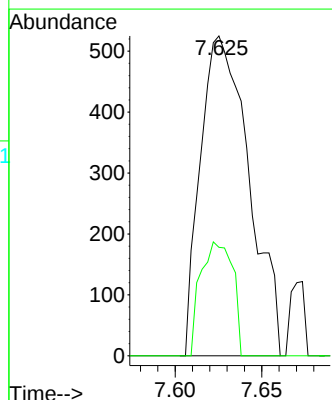
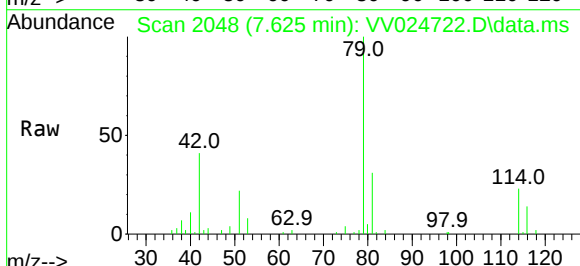
Acq: 17 Feb 2022 15:17

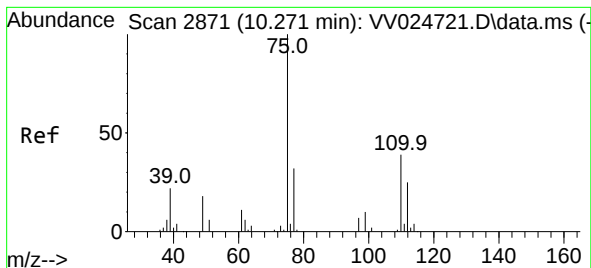
Tgt Ion: 75 Resp: 1023

Ion Ratio Lower Upper

75 100

77 33.9 23.5 43.7





#61

1,2,3-Trichloropropane

Concen: 1.603 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024722.D

Acq: 17 Feb 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

VBLK307

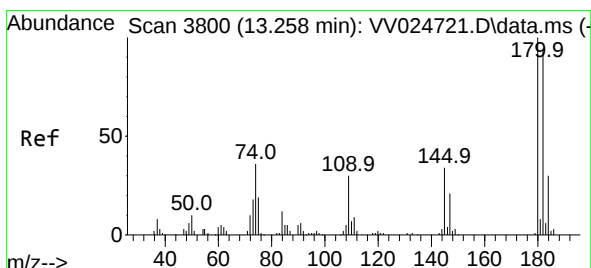
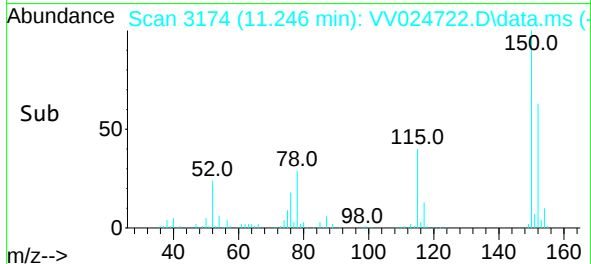
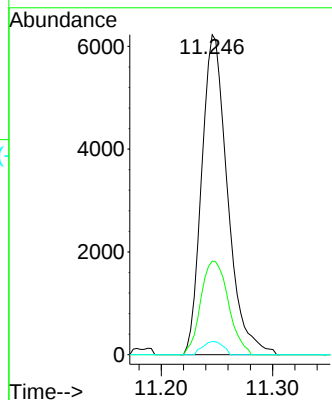
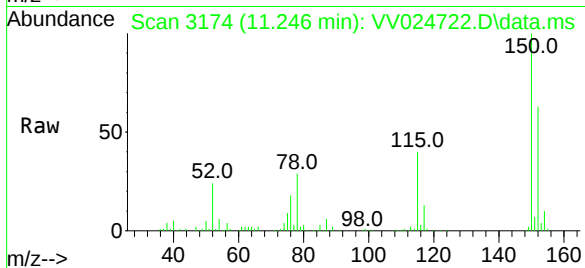
Tgt Ion: 75 Resp: 10017

Ion Ratio Lower Upper

75 100

77 31.2 26.3 39.5

110 3.2 30.3 45.5#



#70

1,2,4-trichlorobenzene

Concen: 0.069 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV024722.D

Acq: 17 Feb 2022 15:17

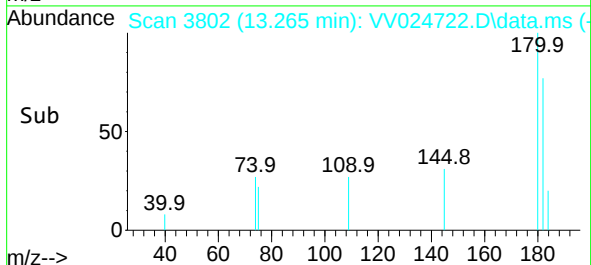
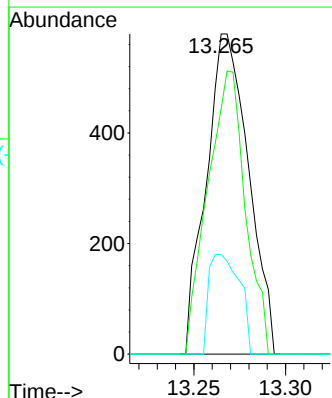
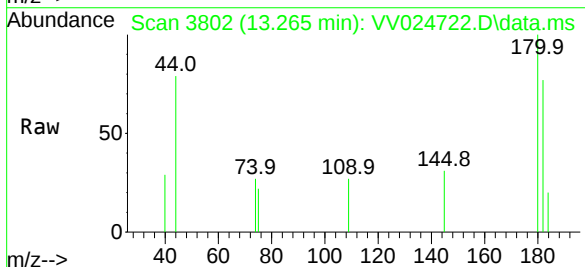
Tgt Ion:180 Resp: 930

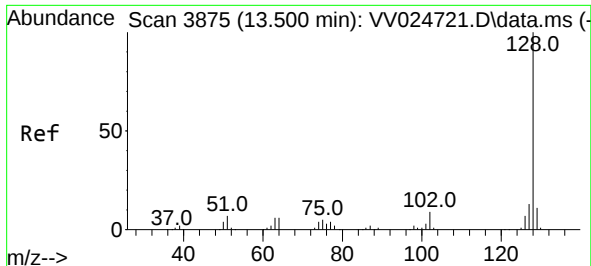
Ion Ratio Lower Upper

180 100

182 78.8 75.0 112.6

145 22.5 26.9 40.3#

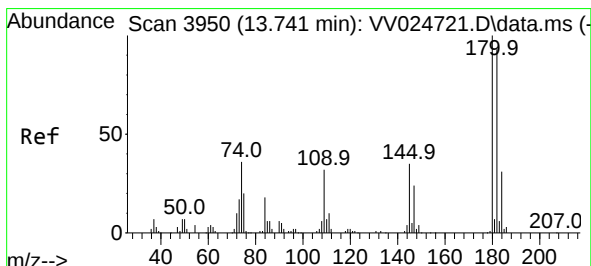
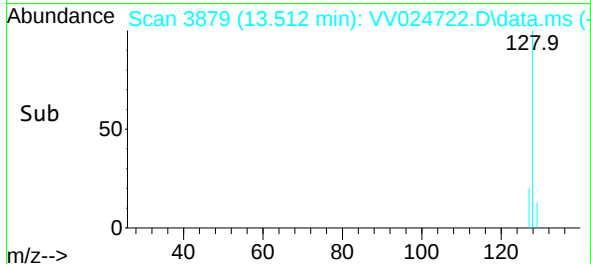
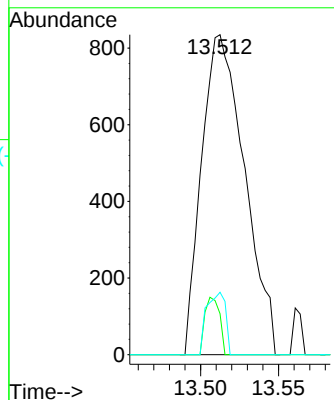
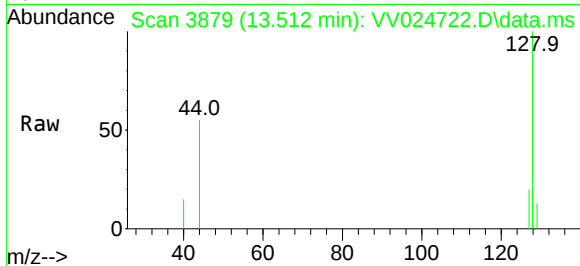




#71
Naphthalene
Concen: 0.070 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV024722.D
Acq: 17 Feb 2022 15:17

Instrument :
MSVOA_V
ClientSampleId :
VBLK307

Tgt Ion:128 Resp: 1597
Ion Ratio Lower Upper
128 100
129 6.1 8.4 12.6#
127 8.6 10.2 15.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.060 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV024722.D
Acq: 17 Feb 2022 15:17

Tgt Ion:180 Resp: 672
Ion Ratio Lower Upper
180 100
182 90.0 75.6 113.4
145 27.8 28.5 42.7#

