

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062722\
 Data File : VV026571.D
 Acq On : 27 Jun 2022 14:01
 Operator : SY/MD
 Sample : N3425-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002

Quant Time: Jun 28 01:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

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

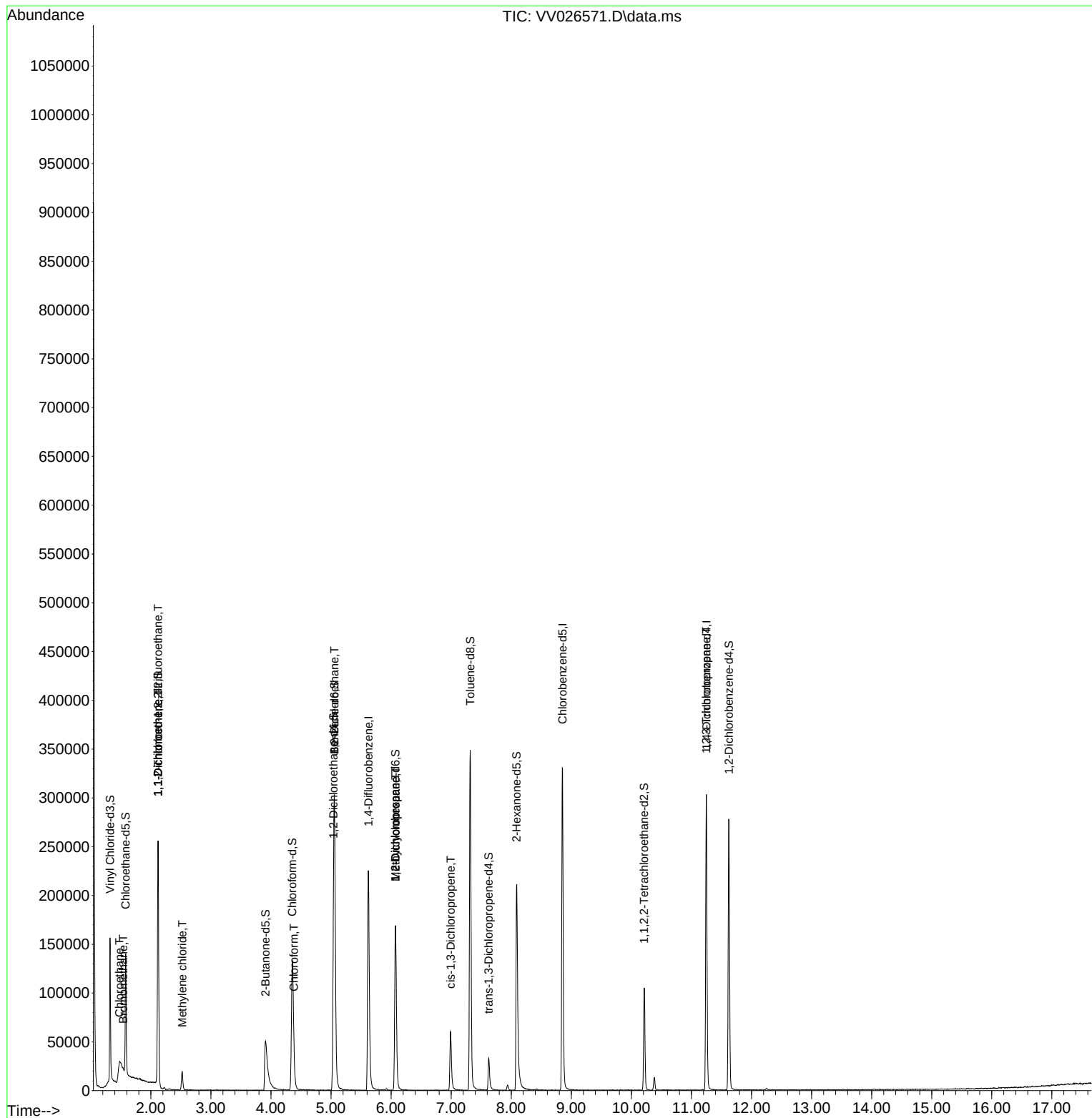
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	204588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	195095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	97901	5.950	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	119.000%	
7) Chloroethane-d5	1.581	69	79159	5.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	119.800%	
11) 1,1-Dichloroethene-d2	2.121	63	130421	4.461	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	3.909	46	104991	64.184	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.360%	
24) Chloroform-d	4.355	84	143080	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.040	65	59894	5.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.600%	
32) Benzene-d6	5.056	84	298177	5.321	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.072	67	87689	5.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.317	98	243674	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.625	79	20756	5.211	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5	8.088	63	72811	47.991	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52720	5.230	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	76953	5.685	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						Qvalue
6) Bromomethane	1.539	94	455	0.046	ug/L	85
8) Chloroethane	1.478	64	25159	2.039	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	1357	0.091	ug/L #	21
12) 1,1-Dichloroethene	2.121	96	1207	0.087	ug/L #	1
16) Methylene chloride	2.523	84	8049	0.549	ug/L	96
25) Chloroform	4.381	83	6392	0.236	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1481	0.123	ug/L #	72
35) Methylcyclohexane	6.072	83	21685	0.979	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9057	0.660	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1559	0.113	ug/L #	63
61) 1,2,3-Trichloropropane	11.246	75	8789	1.659	ug/L #	65

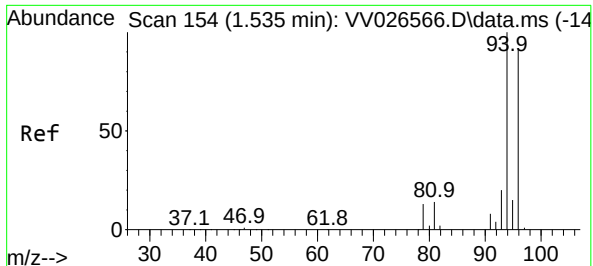
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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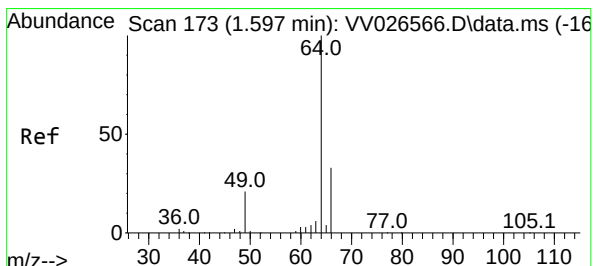
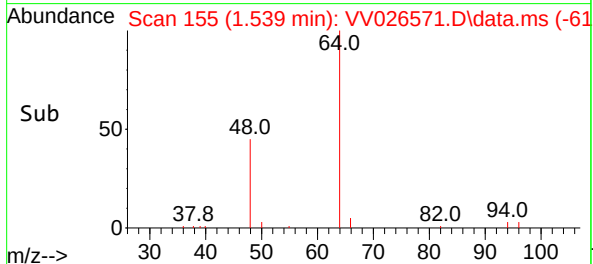
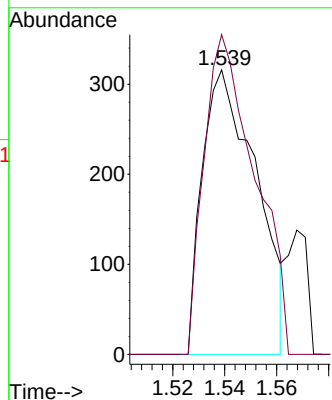
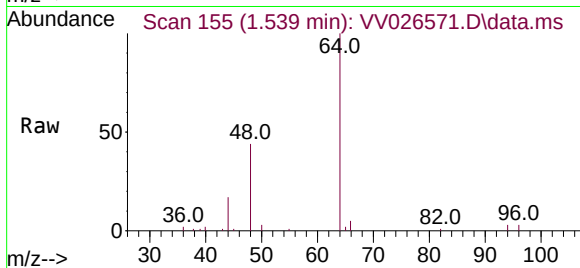




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026571.D
Acq: 27 Jun 2022 14:01

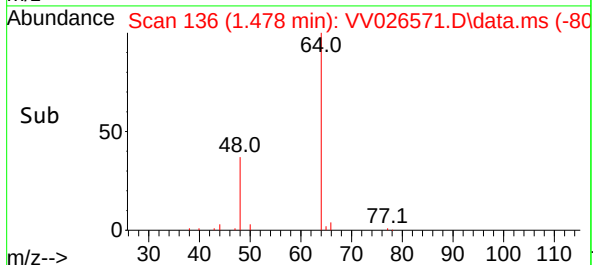
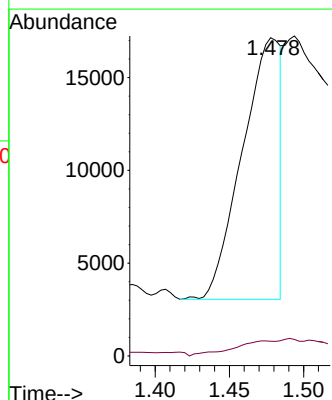
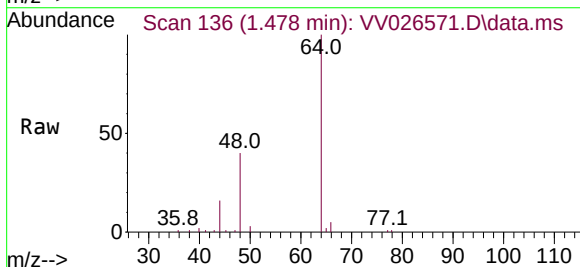
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

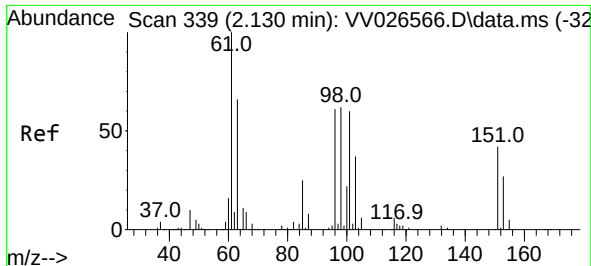
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 112.3 68.0 126.2



#8
Chloroethane
Concen: 2.039 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.119 min
Lab File: VV026571.D
Acq: 27 Jun 2022 14:01

Tgt Ion: 64 Resp: 25159
Ion Ratio Lower Upper
64 100
66 4.6 20.0 37.2#

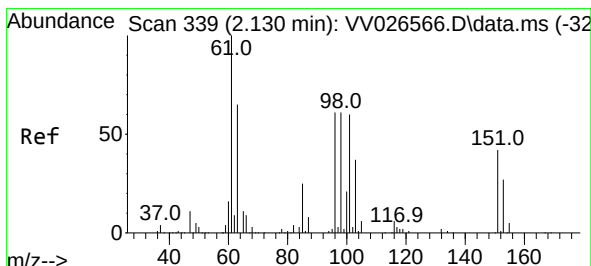
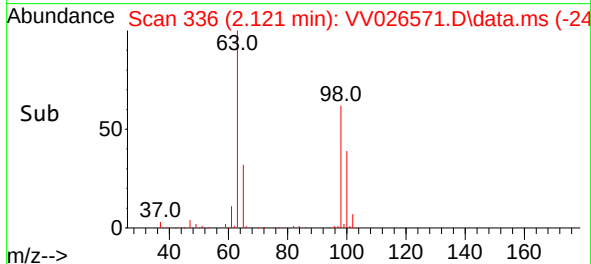
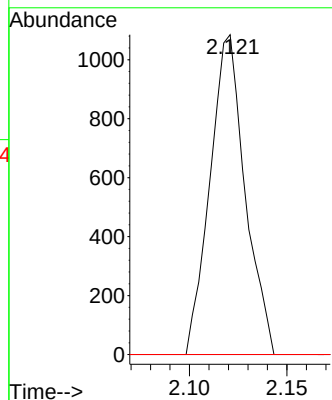
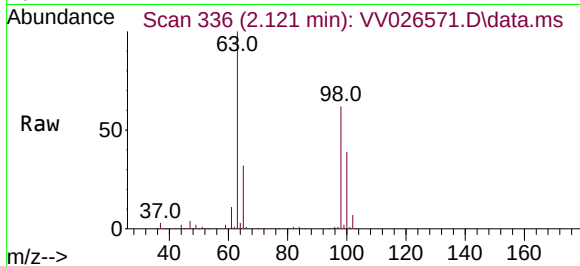




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.091 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.009 min
 Lab File: VV026571.D
 Acq: 27 Jun 2022 14:01

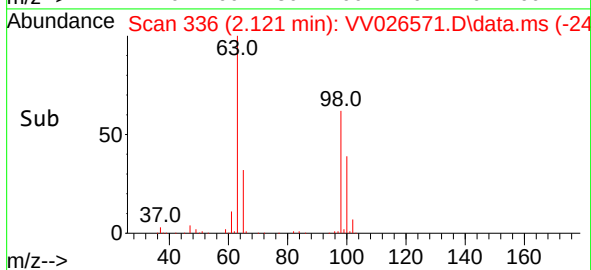
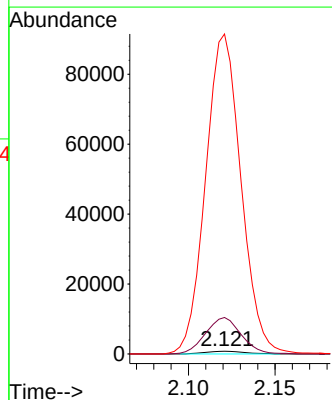
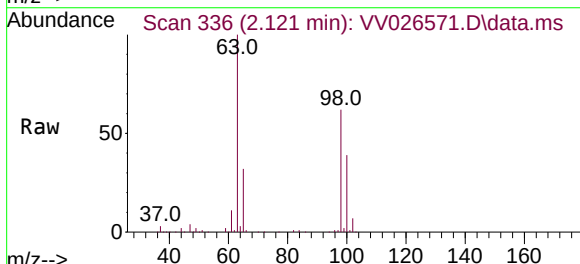
Instrument :
 MSVOA_V
 ClientSampleId :
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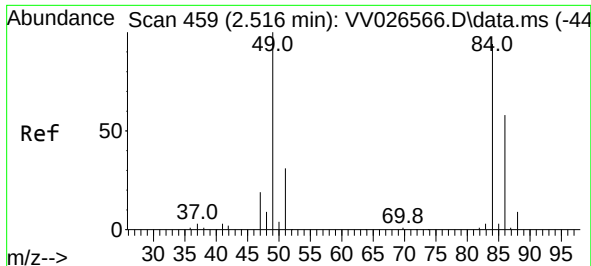
Tgt Ion:101 Resp: 1357
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.087 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.009 min
 Lab File: VV026571.D
 Acq: 27 Jun 2022 14:01

Tgt Ion: 96 Resp: 1207
 Ion Ratio Lower Upper
 96 100
 61 1369.9 115.4 214.4#
 63 12011.5 87.4 162.2#

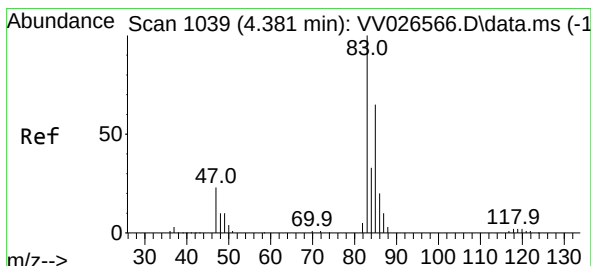
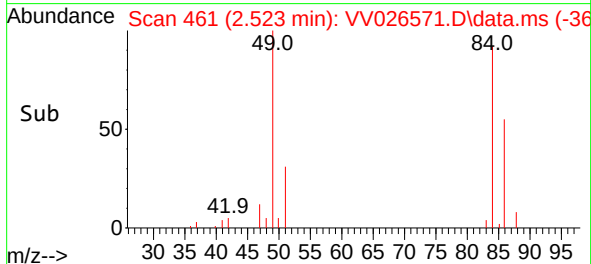
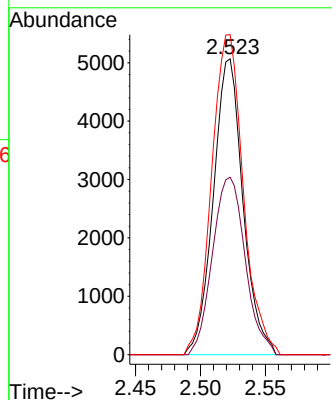
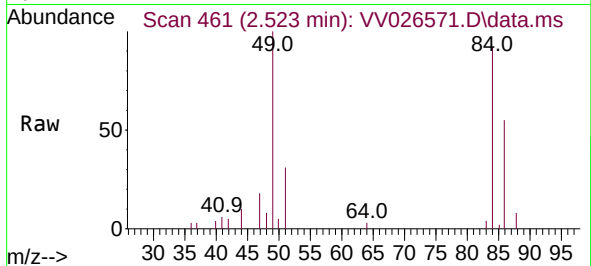




#16
Methylene chloride
Concen: 0.549 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV026571.D
Acq: 27 Jun 2022 14:01

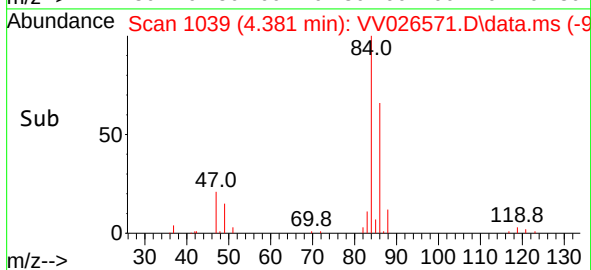
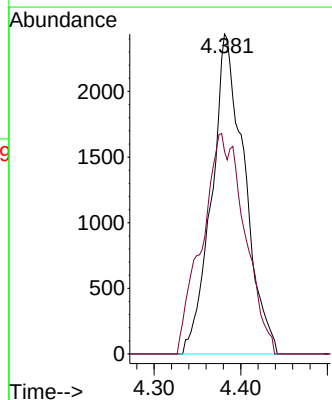
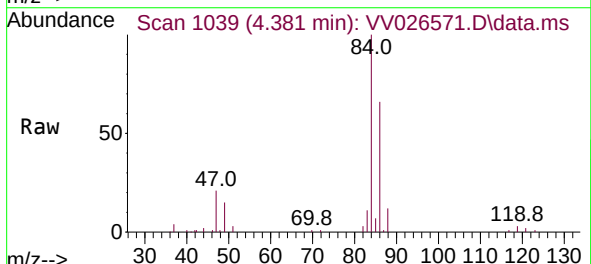
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

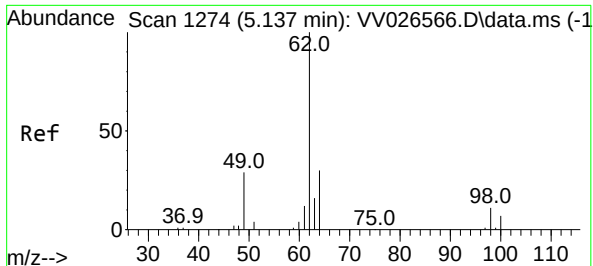
Tgt Ion: 84 Resp: 8049
Ion Ratio Lower Upper
84 100
86 60.0 46.0 85.4
49 108.2 77.7 144.3



#25
Chloroform
Concen: 0.236 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV026571.D
Acq: 27 Jun 2022 14:01

Tgt Ion: 83 Resp: 6392
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.8





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026571.D

Acq: 27 Jun 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

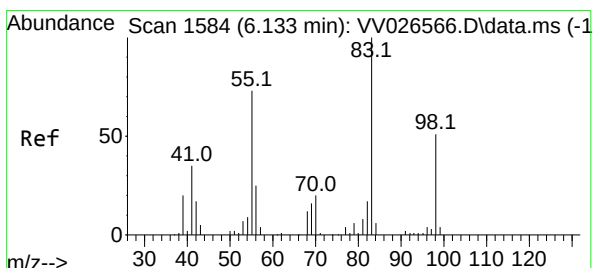
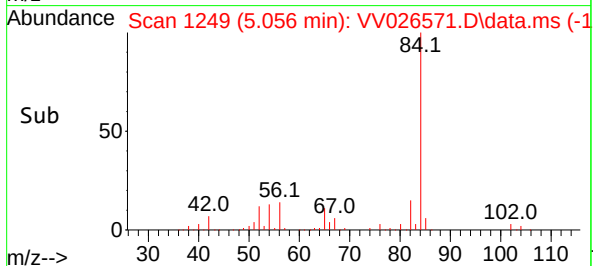
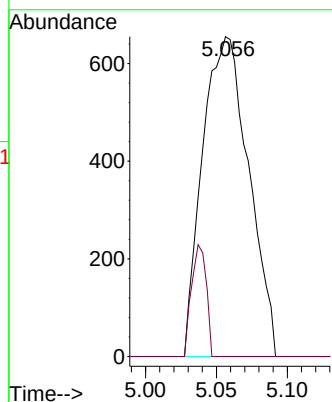
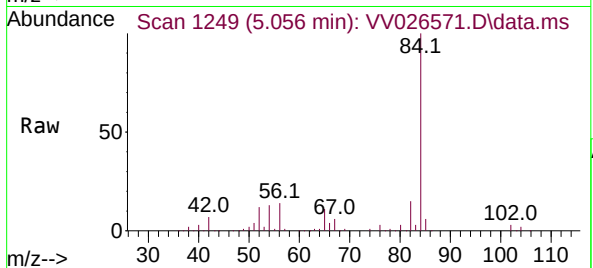
VHBLK002

Tgt Ion: 62 Resp: 1481

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.979 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026571.D

Acq: 27 Jun 2022 14:01

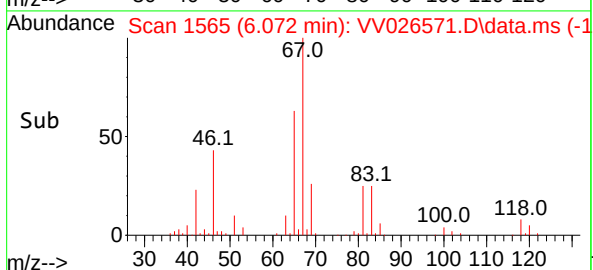
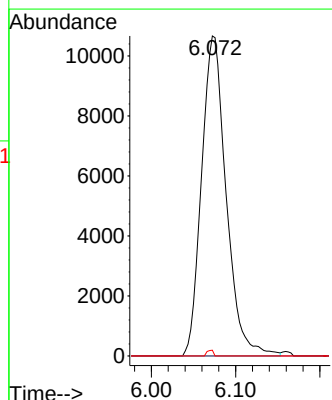
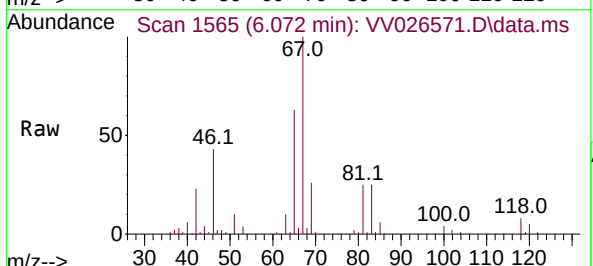
Tgt Ion: 83 Resp: 21685

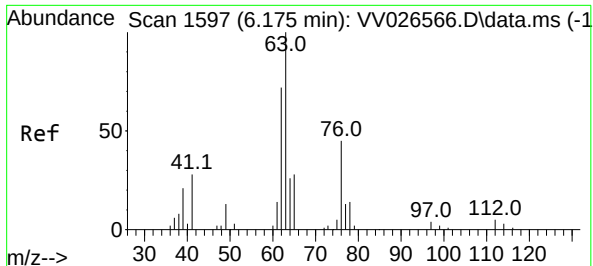
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026571.D

Acq: 27 Jun 2022 14:01

Instrument :

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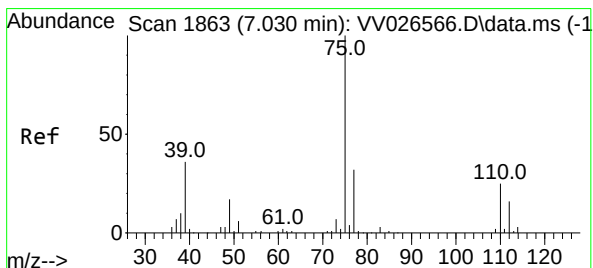
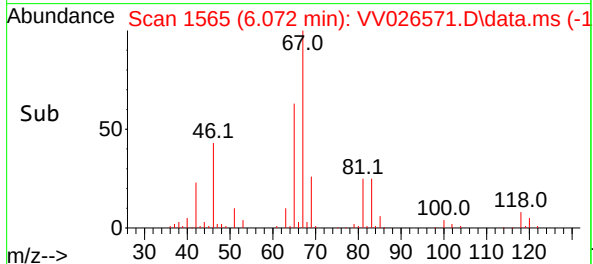
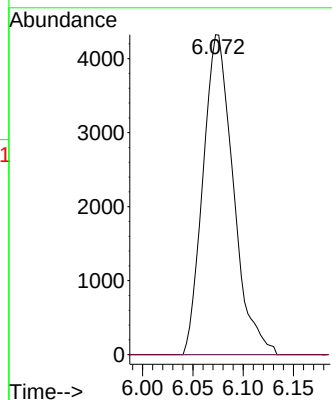
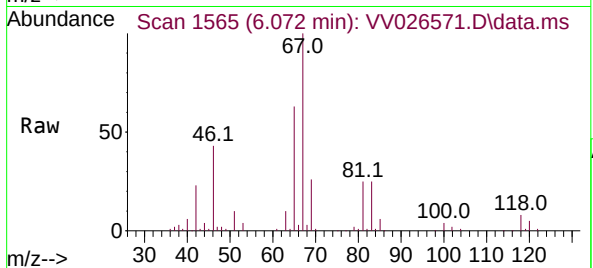
VHBLK002

Tgt Ion: 63 Resp: 9057

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026571.D

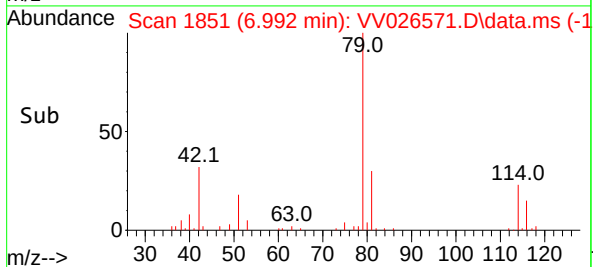
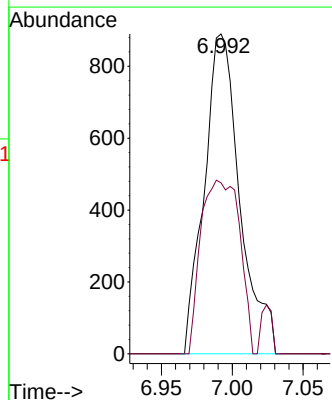
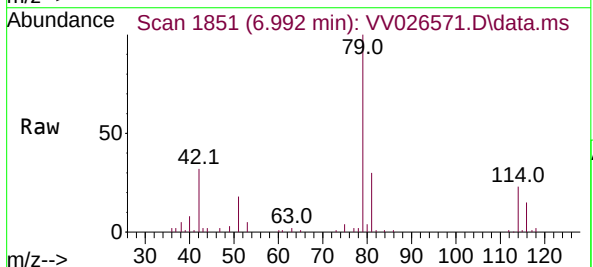
Acq: 27 Jun 2022 14:01

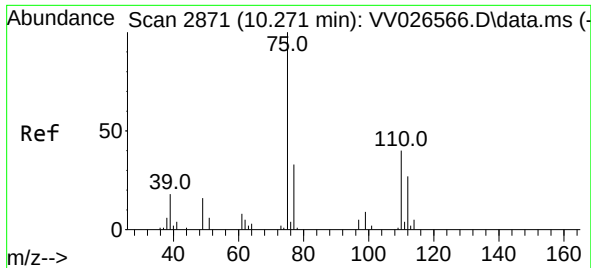
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 53.5 22.8 42.4#





#61

1,2,3-Trichloropropane

Concen: 1.659 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV026571.D

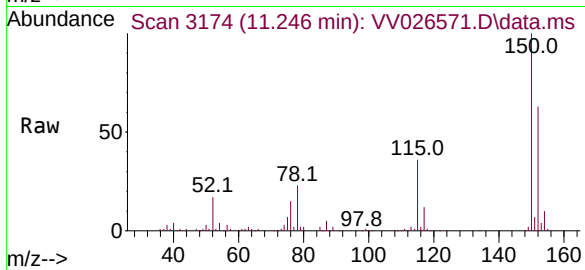
Acq: 27 Jun 2022 14:01

Instrument :

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ClientSampleId :

VHBLK002



Tgt Ion: 75 Resp: 8789

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

110 1.5 32.5 48.7#

