

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026511.D
 Acq On : 23 Jun 2022 13:55
 Operator : SY/MD
 Sample : VV0623WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK383

Quant Time: Jun 24 00:51:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

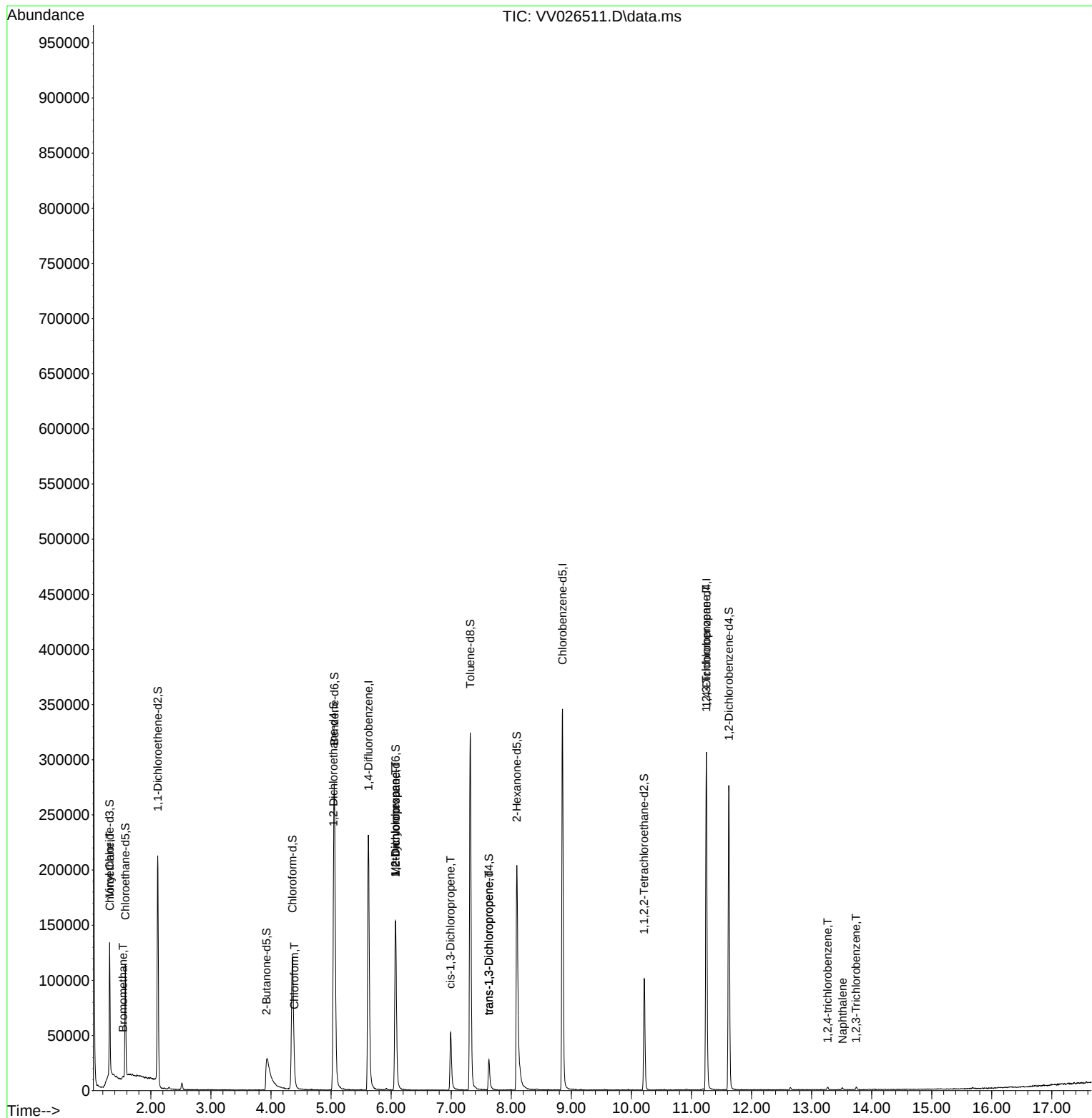
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	209893	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	197012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	81893	4.852	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.574	69	65963	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.114	63	109694	3.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.928	46	23178	13.811	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.620%#
24) Chloroform-d	4.359	84	128833	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.040	65	55533	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.056	84	271523	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.076	67	81783	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.317	98	227341	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.629	79	17801	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.092	63	79931	52.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51761	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	73864	5.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.536	94	1131	0.112	ug/L	93
8) Chloroethane	1.317	64	1509	0.119	ug/L	94
25) Chloroform	4.388	83	6219	0.224	ug/L	98
35) Methylcyclohexane	6.072	83	19658	0.879	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	8393	0.605	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1486	0.107	ug/L #	76
44) trans-1,3-Dichloropropene	7.629	75	921	0.089	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	9876	1.794	ug/L #	64
70) 1,2,4-trichlorobenzene	13.268	180	1117	0.086	ug/L #	87
71) Naphthalene	13.516	128	2074	0.123	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.741	180	1002	0.095	ug/L #	90

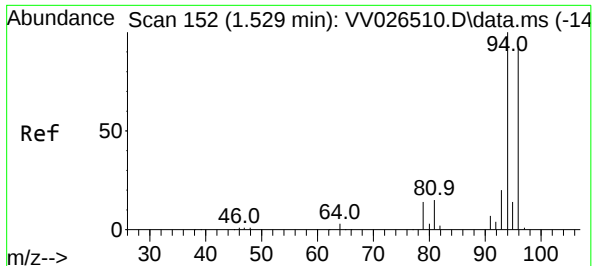
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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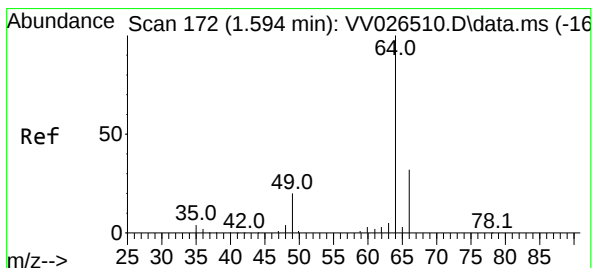
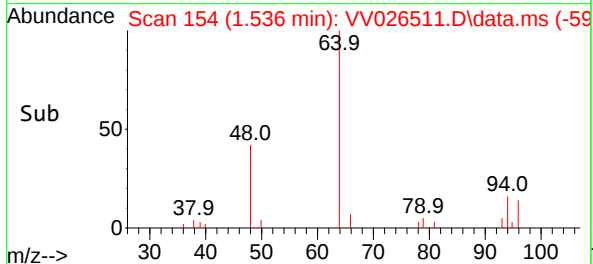
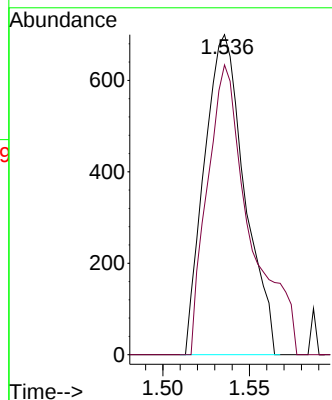
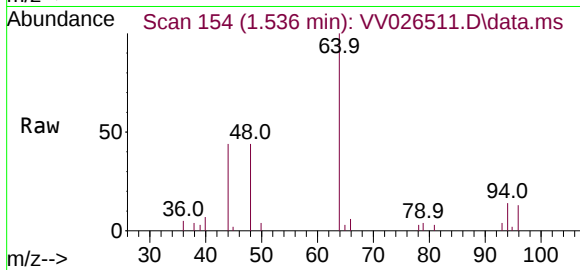




#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026511.D
Acq: 23 Jun 2022 13:55

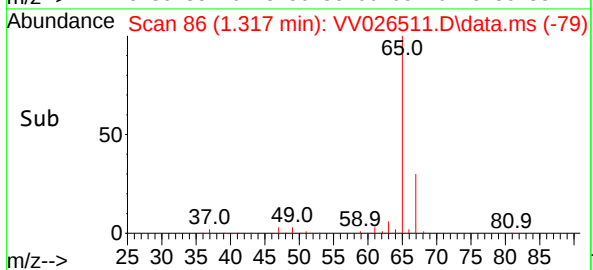
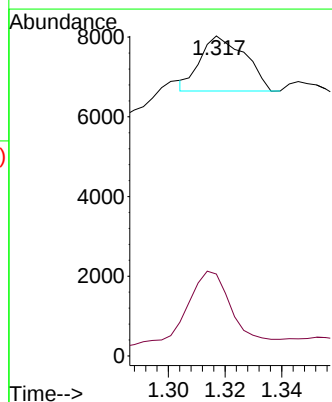
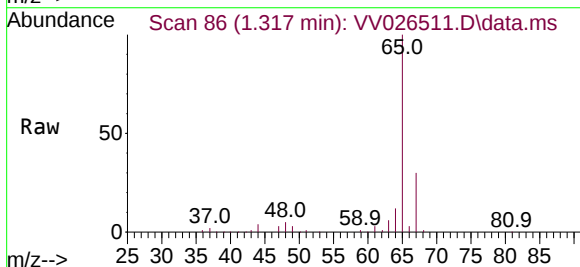
Instrument :
MSVOA_V
ClientSampleId :
VBLK383

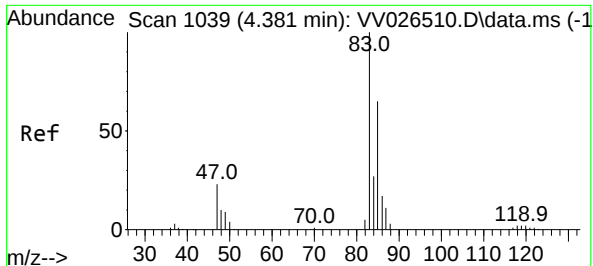
Tgt Ion: 94 Resp: 1131
Ion Ratio Lower Upper
94 100
96 90.6 68.0 126.2



#8
Chloroethane
Concen: 0.119 ug/L
RT: 1.317 min Scan# 86
Delta R.T. -0.277 min
Lab File: VV026511.D
Acq: 23 Jun 2022 13:55

Tgt Ion: 64 Resp: 1509
Ion Ratio Lower Upper
64 100
66 25.6 20.0 37.2





#25

Chloroform

Concen: 0.224 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VV026511.D

Acq: 23 Jun 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

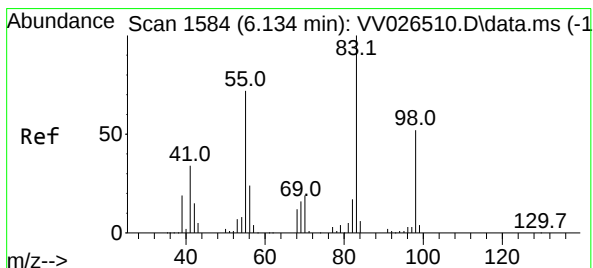
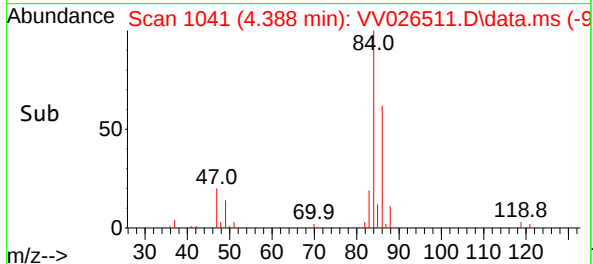
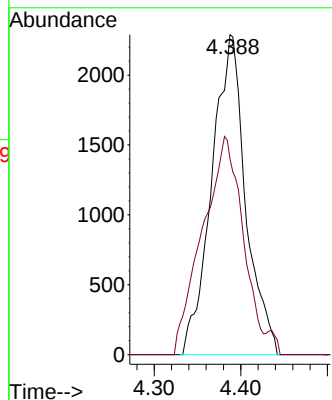
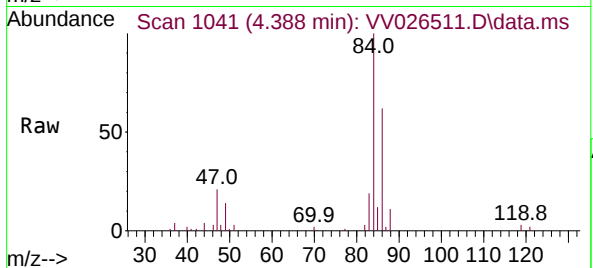
VBLK383

Tgt Ion: 83 Resp: 6219

Ion Ratio Lower Upper

83 100

85 61.3 44.0 81.8



#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026511.D

Acq: 23 Jun 2022 13:55

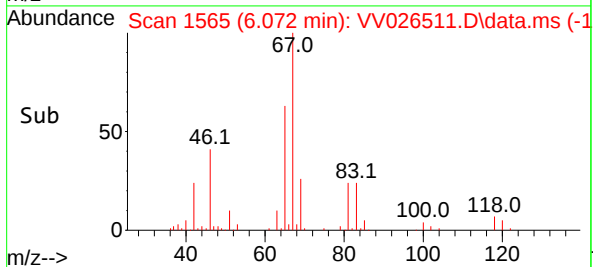
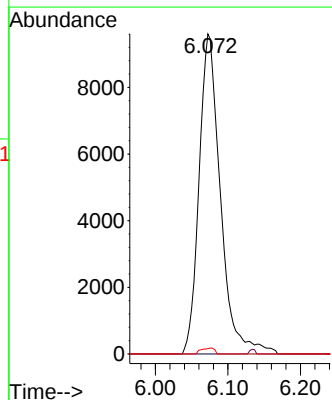
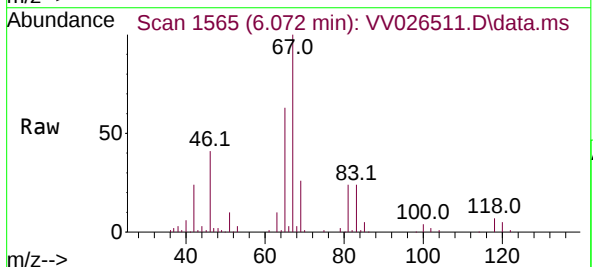
Tgt Ion: 83 Resp: 19658

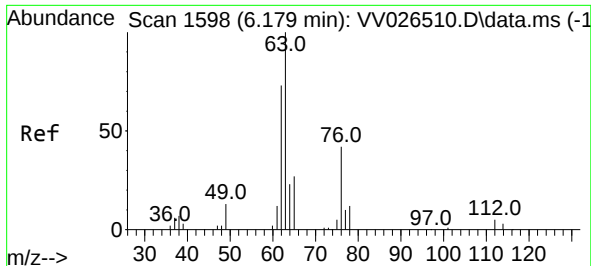
Ion Ratio Lower Upper

83 100

55 0.4 57.0 85.4#

98 1.2 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026511.D

Acq: 23 Jun 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

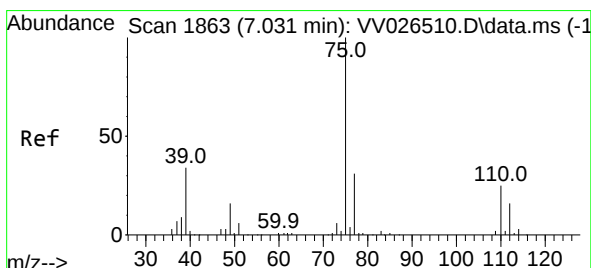
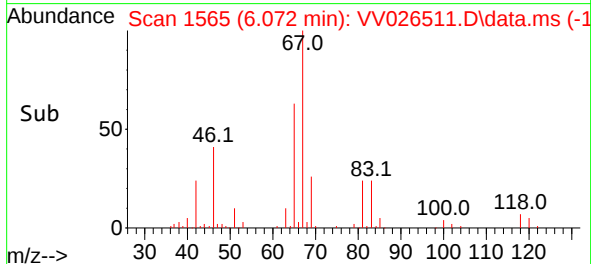
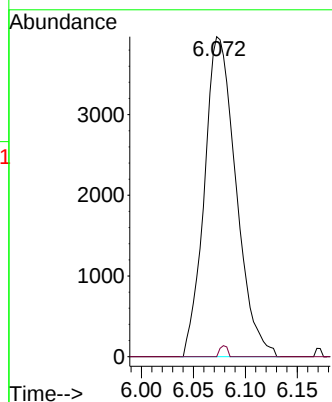
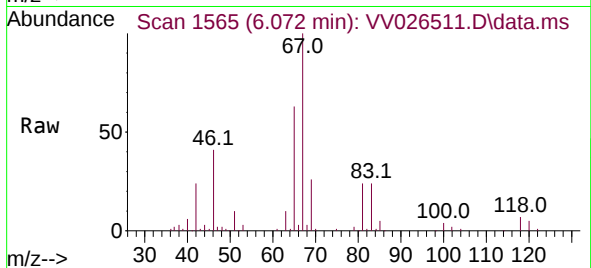
VBLK383

Tgt Ion: 63 Resp: 8393

Ion Ratio Lower Upper

63 100

112 0.8 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026511.D

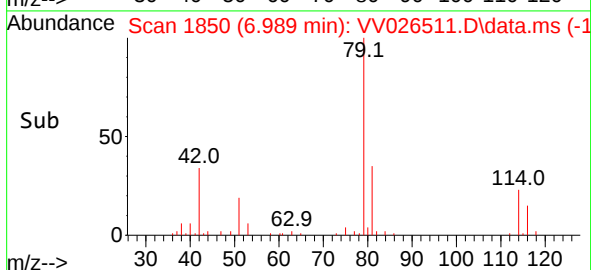
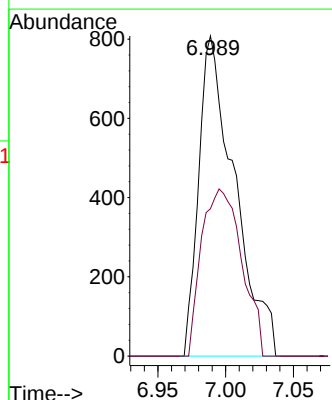
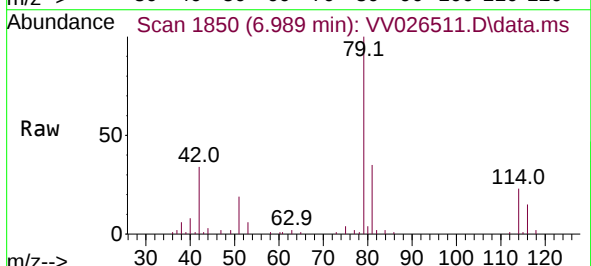
Acq: 23 Jun 2022 13:55

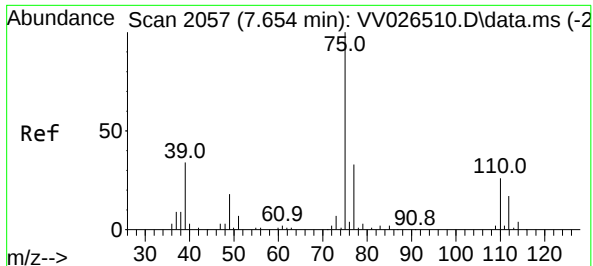
Tgt Ion: 75 Resp: 1486

Ion Ratio Lower Upper

75 100

77 46.0 22.8 42.4#

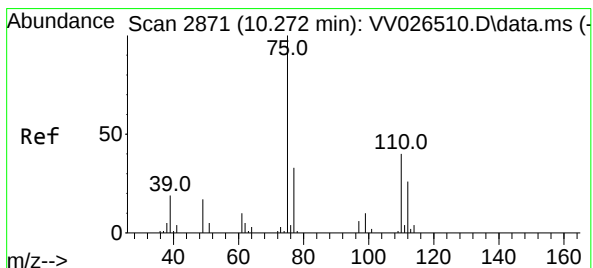
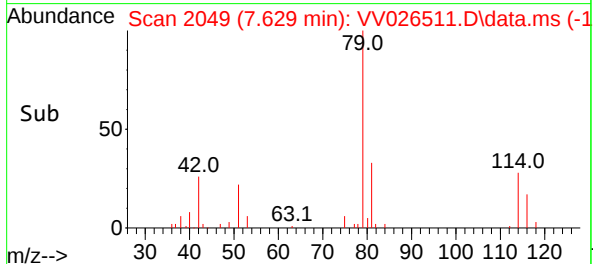
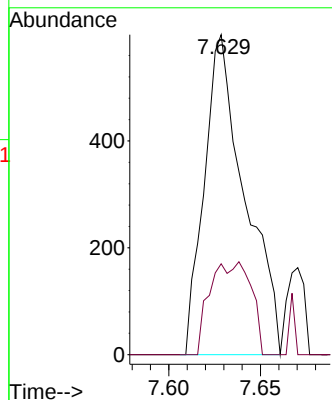
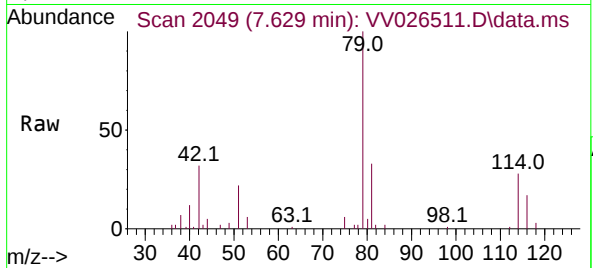




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV026511.D
Acq: 23 Jun 2022 13:55

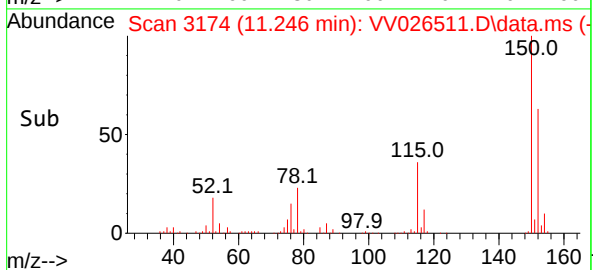
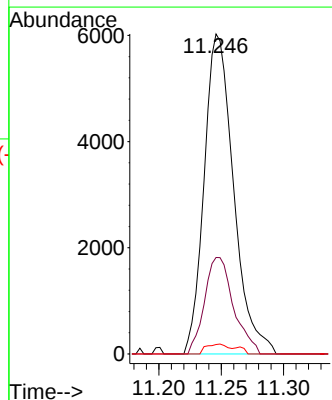
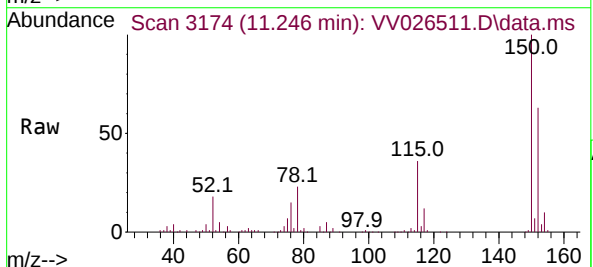
Instrument :
MSVOA_V
ClientSampleId :
VBLK383

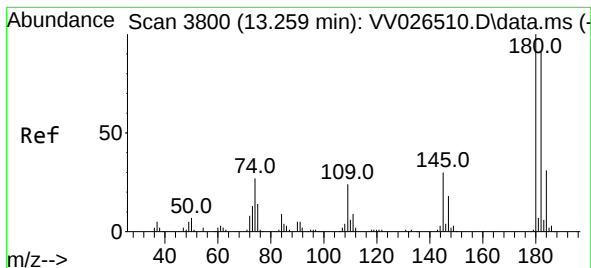
Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
77 28.4 23.1 42.9



#61
1,2,3-Trichloropropane
Concen: 1.794 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026511.D
Acq: 23 Jun 2022 13:55

Tgt Ion: 75 Resp: 9876
Ion Ratio Lower Upper
75 100
77 29.7 25.8 38.6
110 2.3 32.5 48.7#





#70

1,2,4-trichlorobenzene

Concen: 0.086 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.010 min

Lab File: VV026511.D

Acq: 23 Jun 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

VBLK383

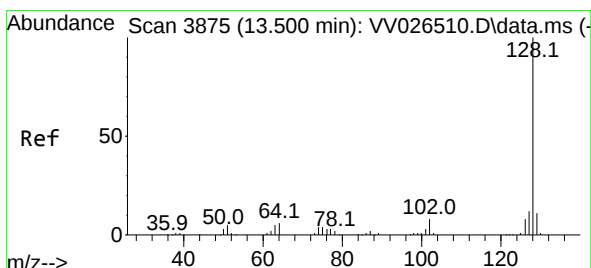
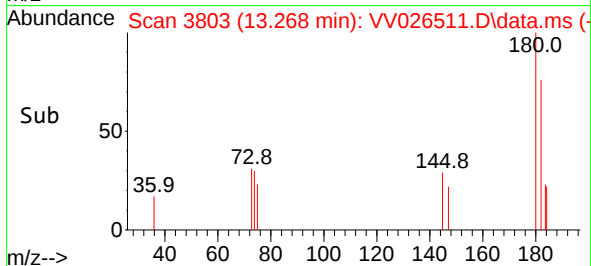
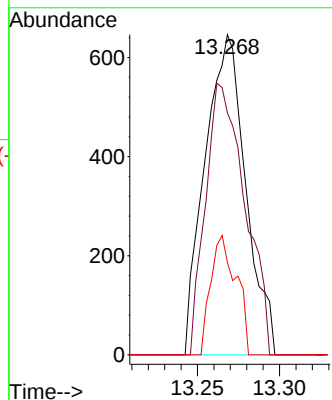
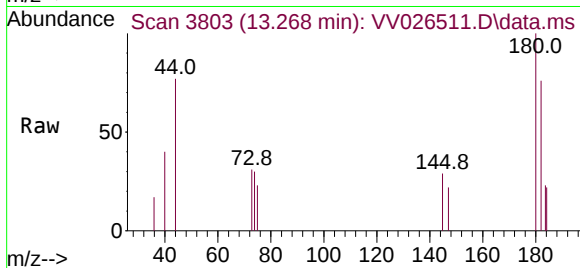
Tgt Ion:180 Resp: 1117

Ion Ratio Lower Upper

180 100

182 81.7 75.2 112.8

145 23.3 24.4 36.6#



#71

Naphthalene

Concen: 0.123 ug/L

RT: 13.516 min Scan# 3880

Delta R.T. 0.016 min

Lab File: VV026511.D

Acq: 23 Jun 2022 13:55

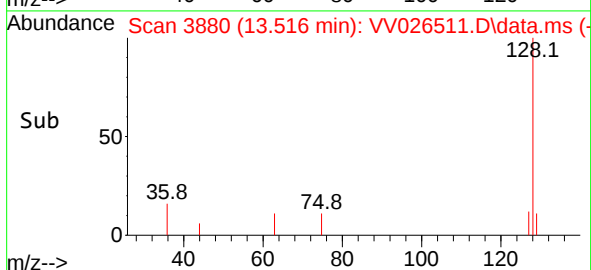
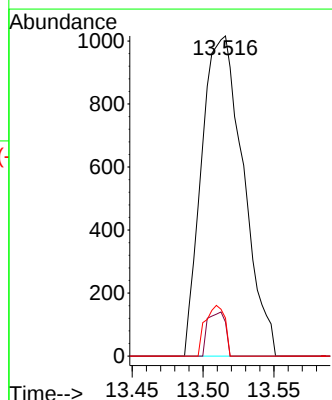
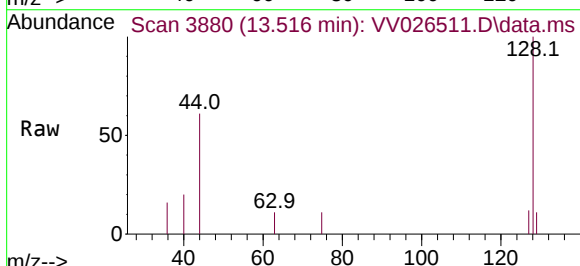
Tgt Ion:128 Resp: 2074

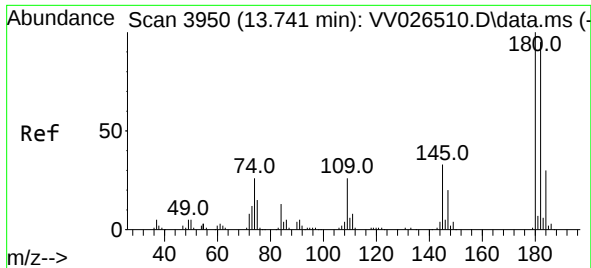
Ion Ratio Lower Upper

128 100

129 5.8 8.6 12.8#

127 7.4 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV026511.D
 Acq: 23 Jun 2022 13:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK383

Tgt Ion:180 Resp: 1002
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.8 115.2
 145 17.8 25.8 38.6#

