

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
 Data File : VV026090.D
 Acq On : 10 Jun 2022 06:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK252

Quant Time: Jun 10 07:14:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

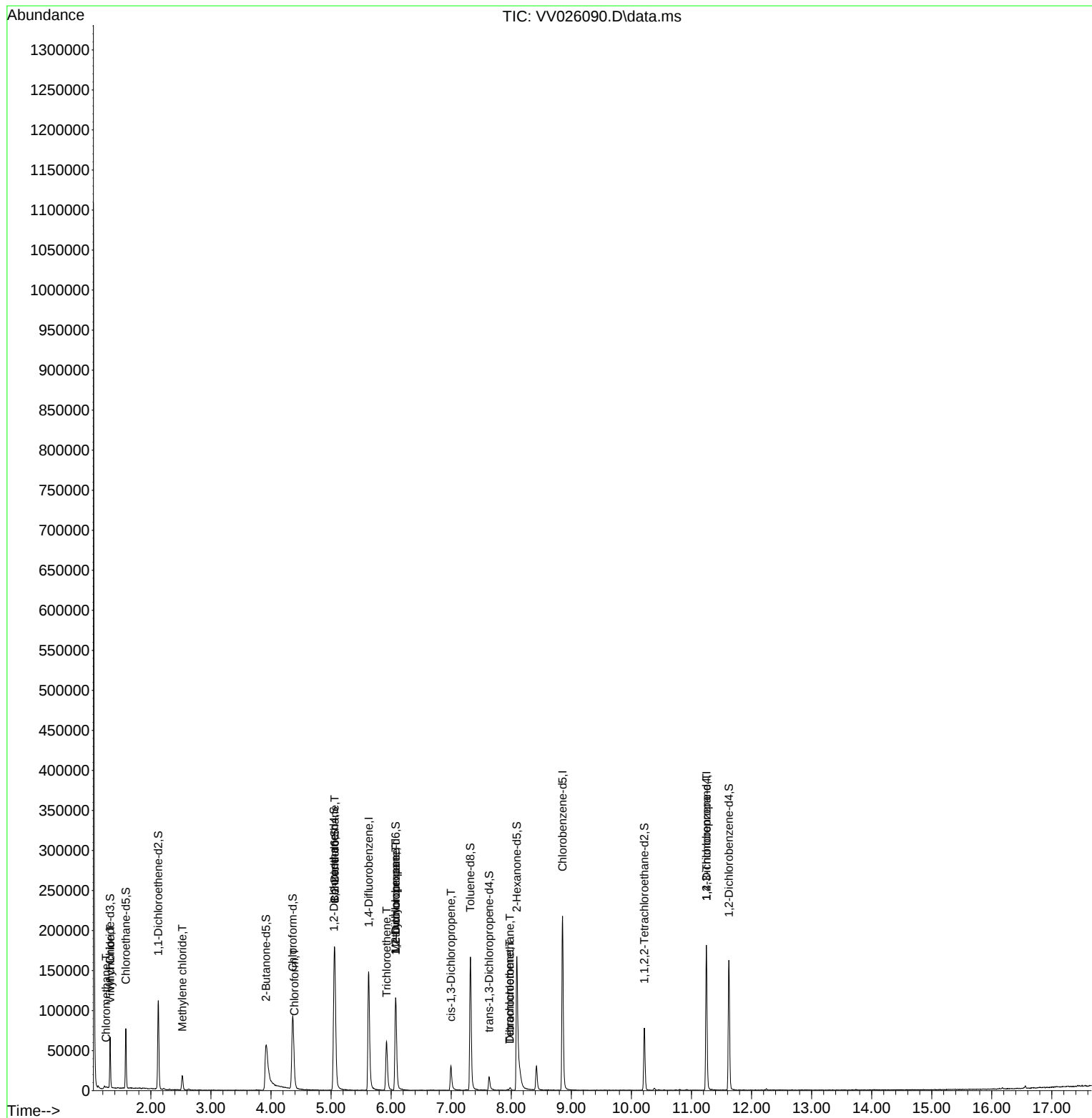
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	129682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	38573	5.067	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.584	69	46479	5.840	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.800%	
11) 1,1-Dichloroethene-d2	2.124	63	59249	3.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.915	46	63384	56.296	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.600%	
24) Chloroform-d	4.362	84	98540	6.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	122.200%	
26) 1,2-Dichloroethane-d4	5.047	65	44708	6.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	135.800%#	
32) Benzene-d6	5.059	84	167266	5.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.600%	
36) 1,2-Dichloropropane-d6	6.075	67	59563	6.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	130.800%	
41) Toluene-d8	7.320	98	117261	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.632	79	10658	3.973	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.091	63	64085	54.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.560%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39203	6.381	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	127.600%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	43116	5.881	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.600%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	590	0.041	ug/L	94
5) Vinyl chloride	1.326	62	1299	0.087	ug/L #	40
16) Methylene chloride	2.523	84	7338	0.706	ug/L	98
25) Chloroform	4.387	83	2475	0.135	ug/L #	62
27) 1,2-Dichloroethane	5.059	62	855	0.094	ug/L #	72
34) Trichloroethene	5.924	95	21160	2.114	ug/L	96
35) Methylcyclohexane	6.075	83	14070	0.912	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6358	0.685	ug/L #	87
39) cis-1,3-Dichloropropene	6.995	75	972	0.085	ug/L #	78
47) Tetrachloroethene	7.976	164	840	0.108	ug/L	85
49) Dibromochloromethane	7.979	129	760	0.115	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	5818	1.556	ug/L #	66

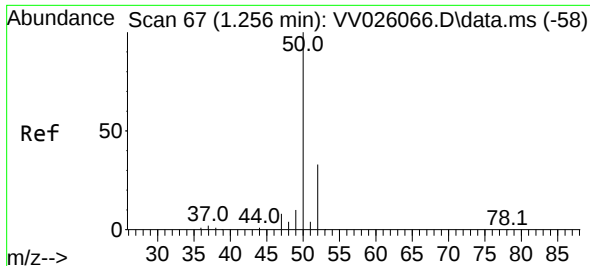
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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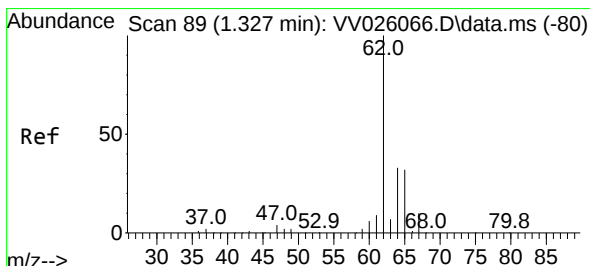
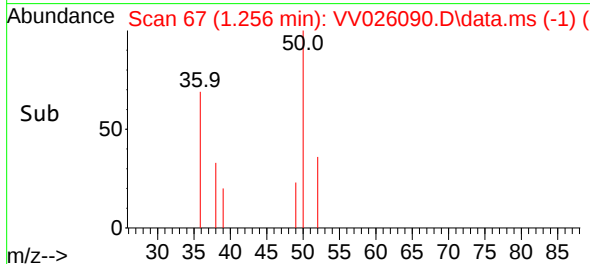
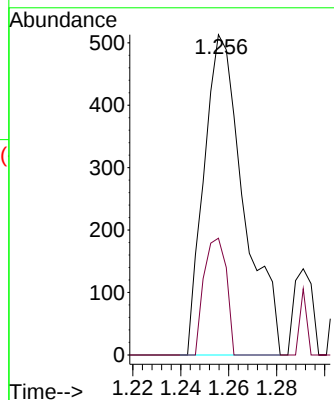
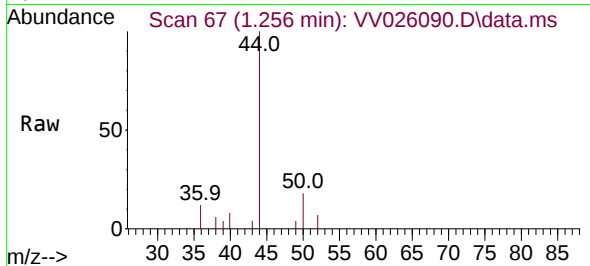




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026090.D
Acq: 10 Jun 2022 06:05

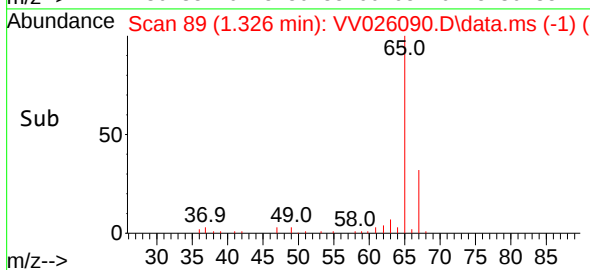
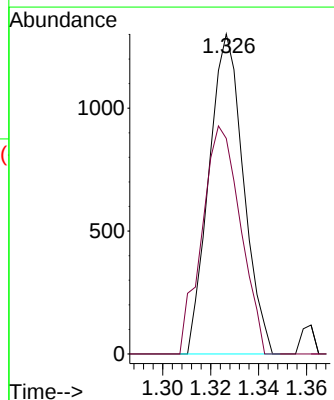
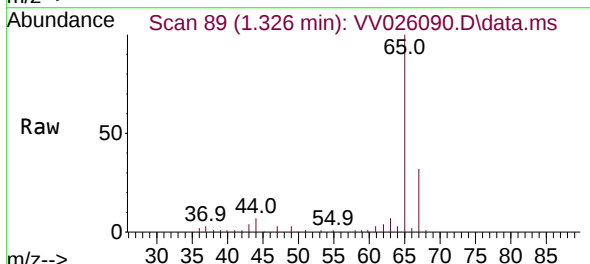
Instrument :
MSVOA_V
ClientSampleId :
VIBLK252

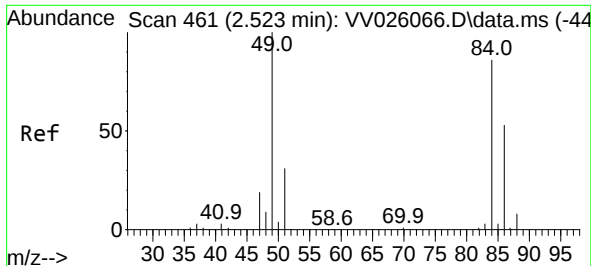
Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 36.5 23.0 42.6



#5
Vinyl chloride
Concen: 0.087 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.000 min
Lab File: VV026090.D
Acq: 10 Jun 2022 06:05

Tgt Ion: 62 Resp: 1299
Ion Ratio Lower Upper
62 100
64 67.4 23.4 43.4#

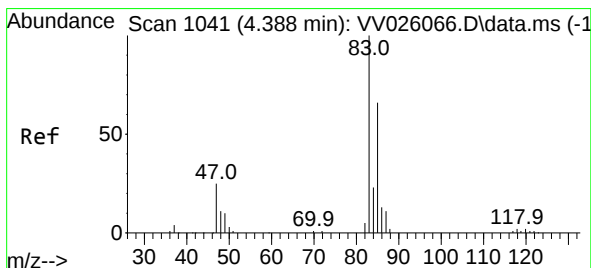
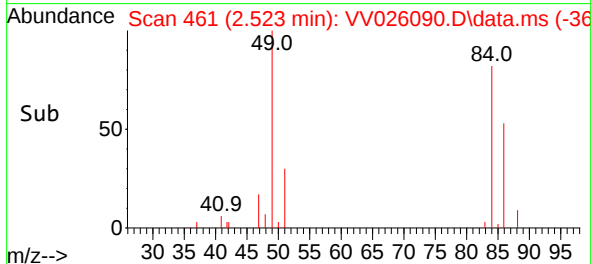
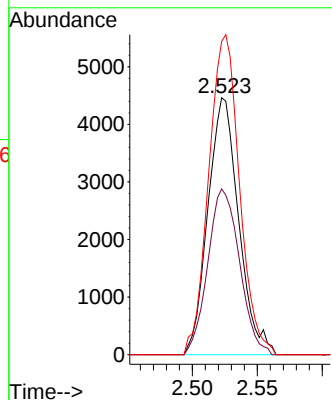
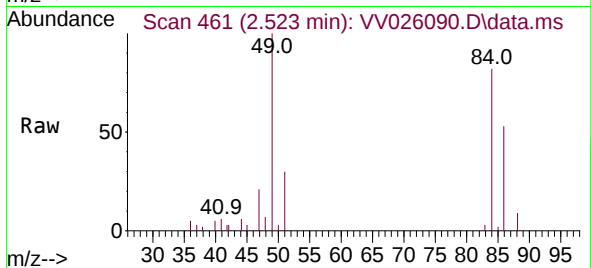




#16
Methylene chloride
Concen: 0.706 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.000 min
Lab File: VV026090.D
Acq: 10 Jun 2022 06:05

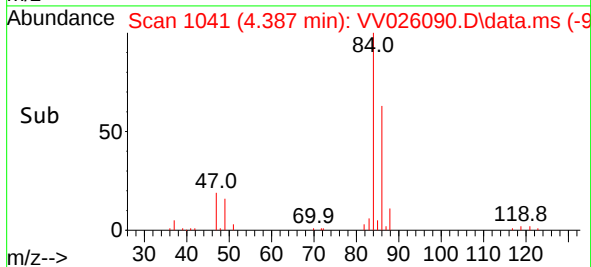
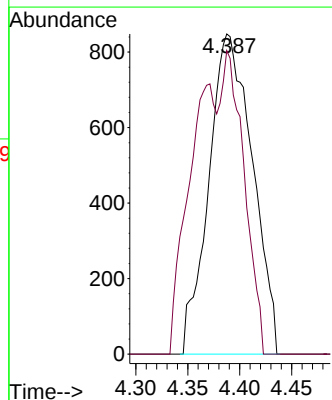
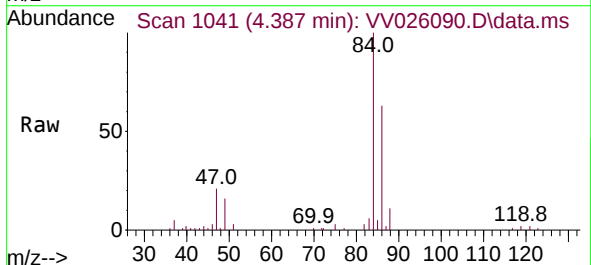
Instrument :
MSVOA_V
ClientSampleId :
VIBLK252

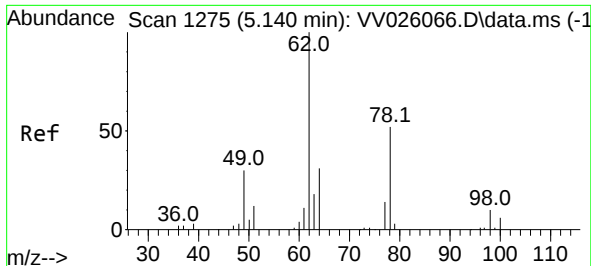
Tgt Ion: 84 Resp: 7338
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 121.9 82.9 153.9



#25
Chloroform
Concen: 0.135 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VV026090.D
Acq: 10 Jun 2022 06:05

Tgt Ion: 83 Resp: 2475
Ion Ratio Lower Upper
83 100
85 94.8 45.2 84.0#





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Instrument :

MSVOA_V

ClientSampleId :

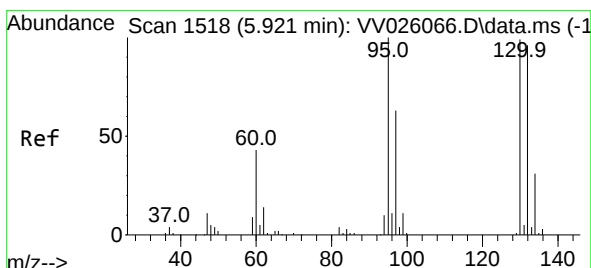
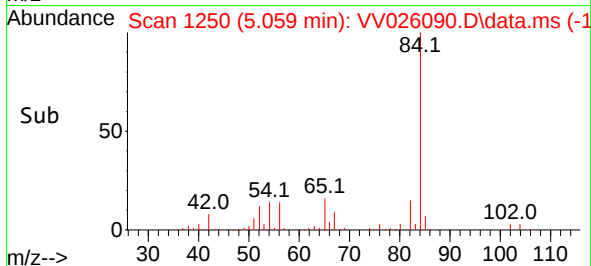
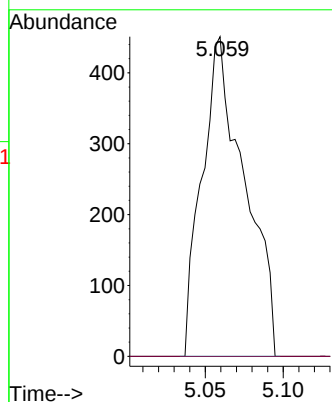
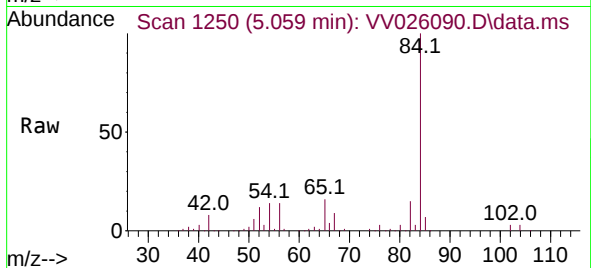
VIBLK252

Tgt Ion: 62 Resp: 855

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#34

Trichloroethene

Concen: 2.114 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.003 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Tgt Ion: 95 Resp: 21160

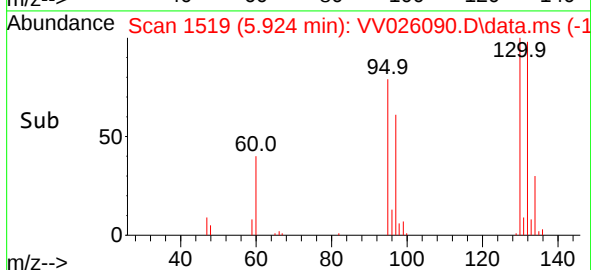
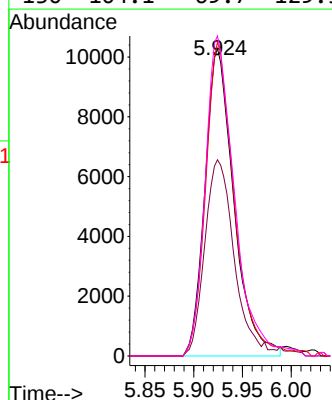
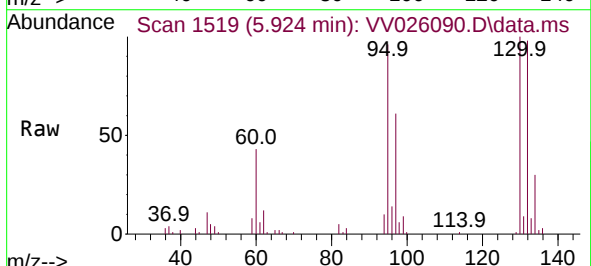
Ion Ratio Lower Upper

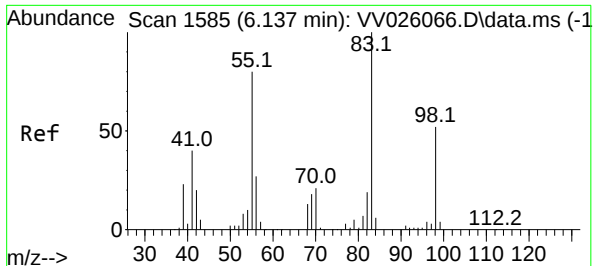
95 100

97 63.8 44.0 81.6

132 102.1 67.5 125.4

130 104.1 69.7 129.5





#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Instrument :

MSVOA_V

ClientSampleId :

VIBLK252

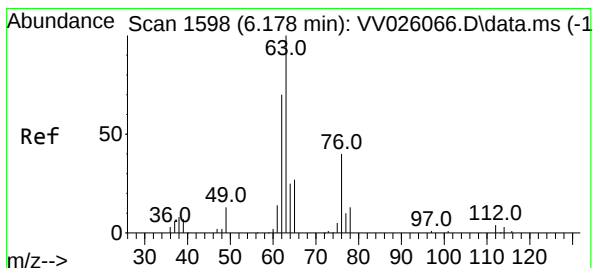
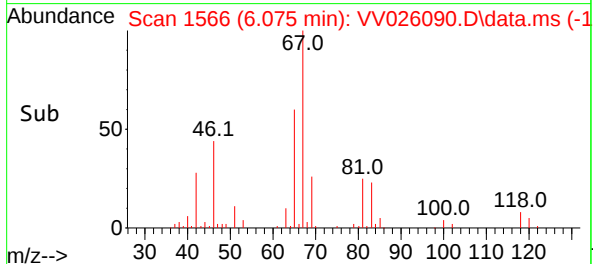
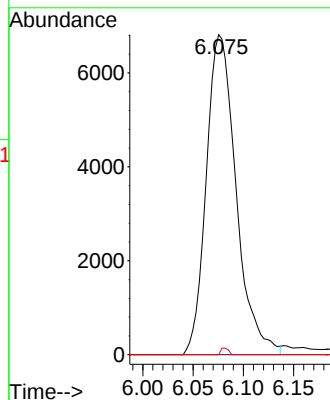
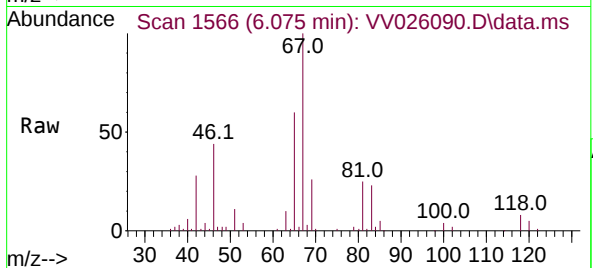
Tgt Ion: 83 Resp: 14070

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.5 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.100 min

Lab File: VV026090.D

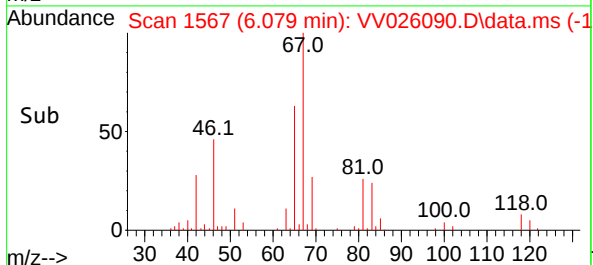
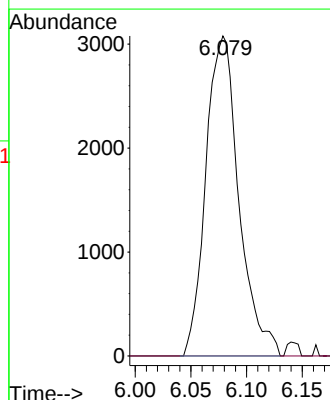
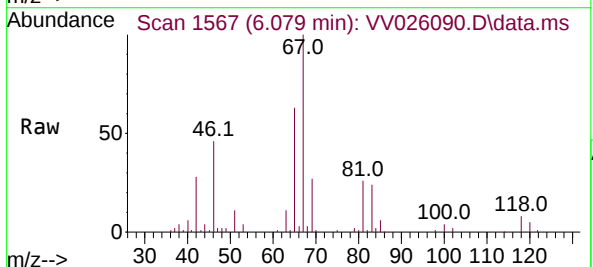
Acq: 10 Jun 2022 06:05

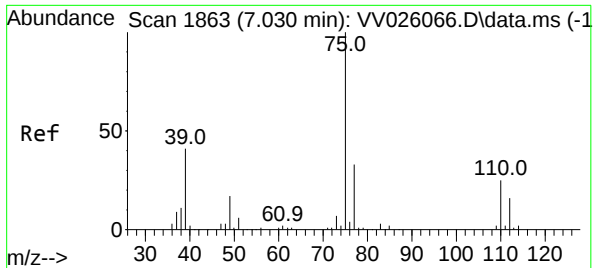
Tgt Ion: 63 Resp: 6358

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026090.D

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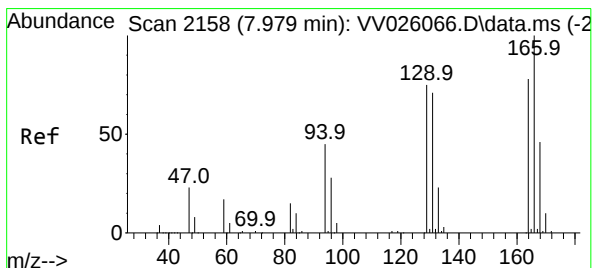
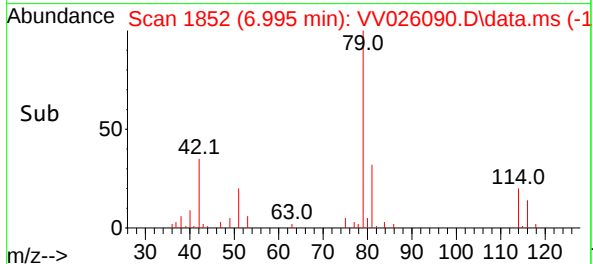
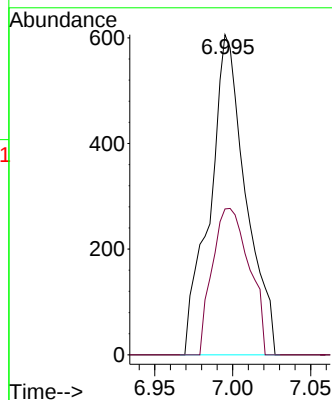
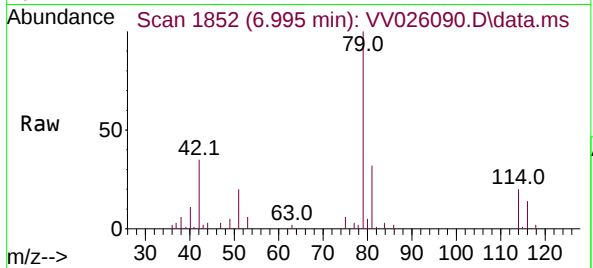
VIBLK252

Tgt Ion: 75 Resp: 972

Ion Ratio Lower Upper

75 100

77 45.5 23.2 43.0#



#47

Tetrachloroethene

Concen: 0.108 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Tgt Ion: 164 Resp: 840

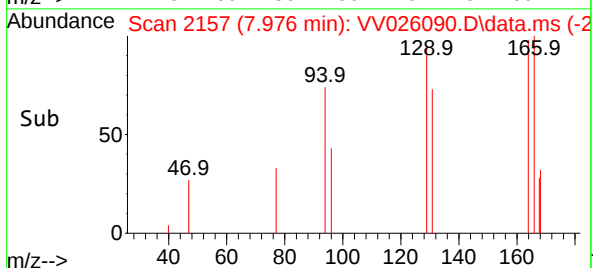
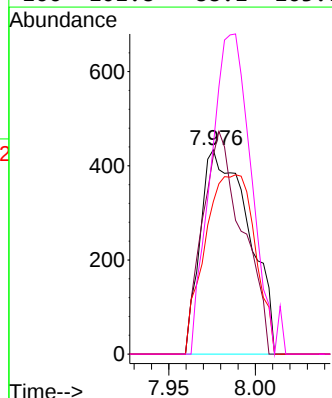
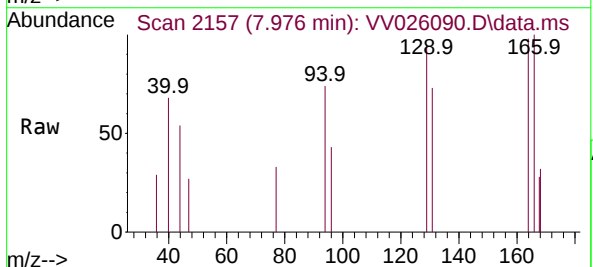
Ion Ratio Lower Upper

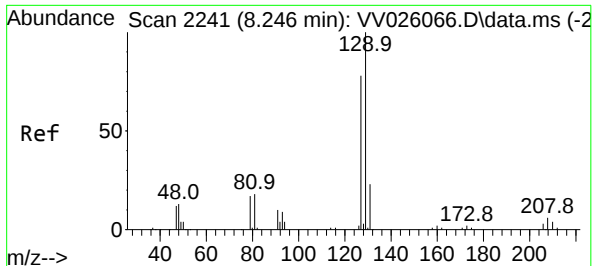
164 100

129 97.2 68.3 126.9

131 74.7 66.5 123.5

166 101.8 88.1 163.7





#49

Dibromochloromethane

Concen: 0.115 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Instrument :

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ClientSampleId :

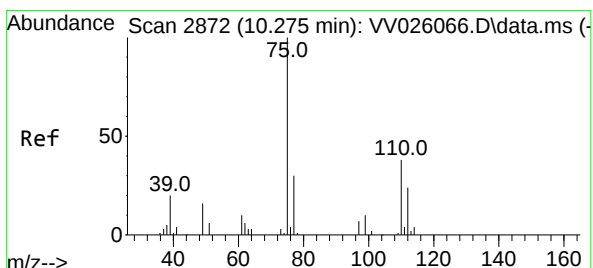
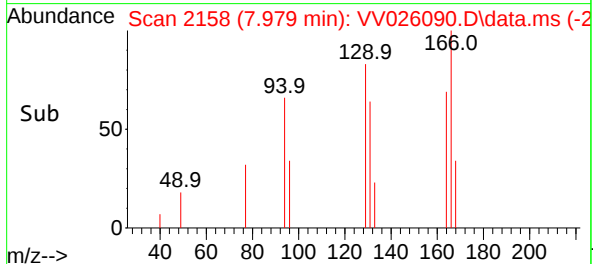
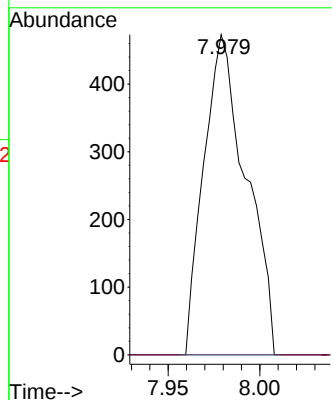
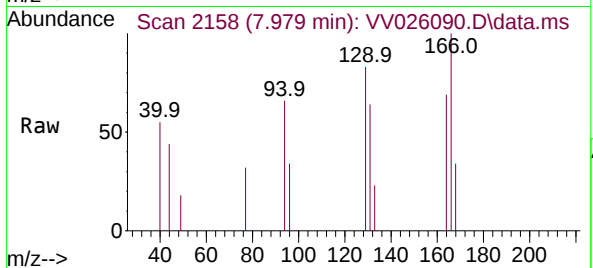
VIBLK252

Tgt Ion:129 Resp: 760

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.556 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026090.D

Acq: 10 Jun 2022 06:05

Tgt Ion: 75 Resp: 5818

Ion Ratio Lower Upper

75 100

77 32.4 26.6 40.0

110 2.3 32.0 48.0#

