

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
 Data File : VV026067.D
 Acq On : 09 Jun 2022 20:57
 Operator : SY/MD
 Sample : VV0609WBL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK365

Quant Time: Jun 10 05:26:18 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)

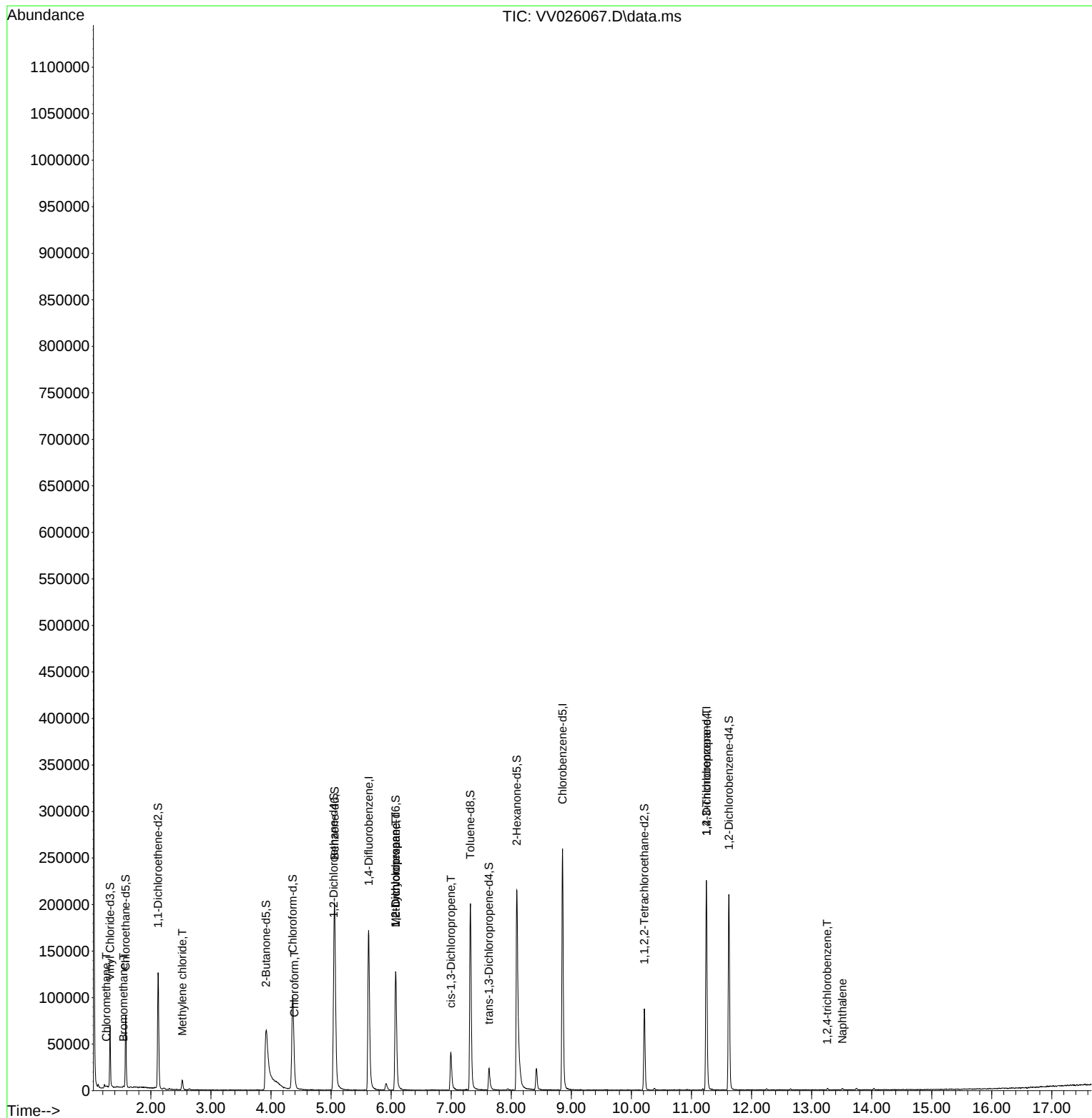
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	153199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	41657	4.632	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.581	69	49434	5.258	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.121	63	65995	3.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.600%	
20) 2-Butanone-d5	3.915	46	86384	64.946	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.900%	
24) Chloroform-d	4.362	84	104846	5.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
26) 1,2-Dichloroethane-d4	5.043	65	47325	6.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.800%	
32) Benzene-d6	5.060	84	186363	5.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.076	67	65817	6.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	121.600%	
41) Toluene-d8	7.320	98	140022	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.629	79	15832	4.970	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.092	63	81934	58.447	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43639	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54707	5.932	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	756	0.045	ug/L #	76
6) Bromomethane	1.542	94	770	0.075	ug/L	90
16) Methylene chloride	2.523	84	4047	0.330	ug/L	95
25) Chloroform	4.391	83	3579	0.165	ug/L	86
35) Methylcyclohexane	6.076	83	15656	0.855	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	6742	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1317	0.097	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	7537	1.602	ug/L #	63
70) 1,2,4-trichlorobenzene	13.259	180	692	0.067	ug/L #	84
71) Naphthalene	13.513	128	1967	0.135	ug/L #	80

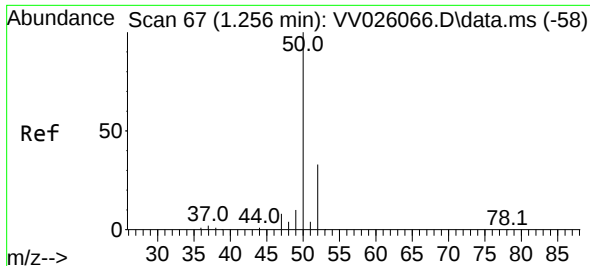
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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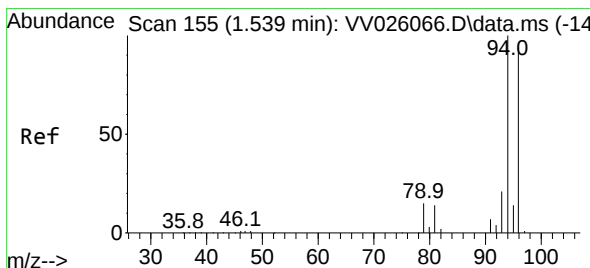
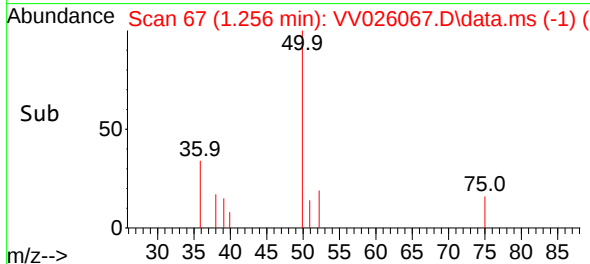
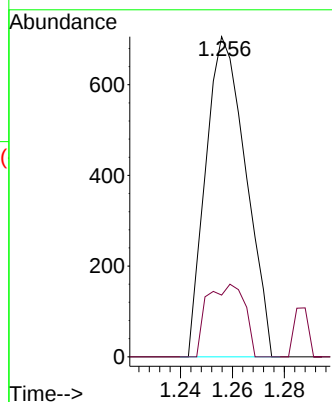
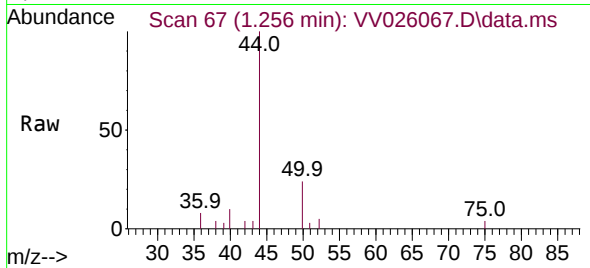




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026067.D
Acq: 09 Jun 2022 20:57

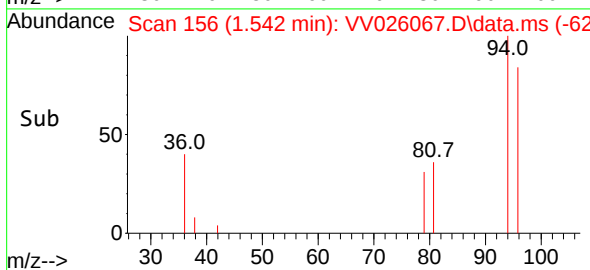
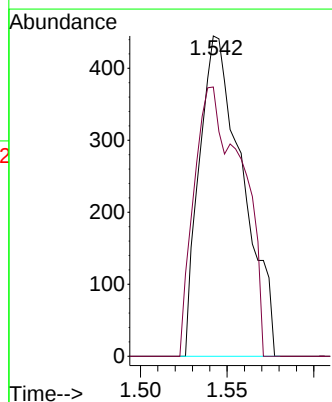
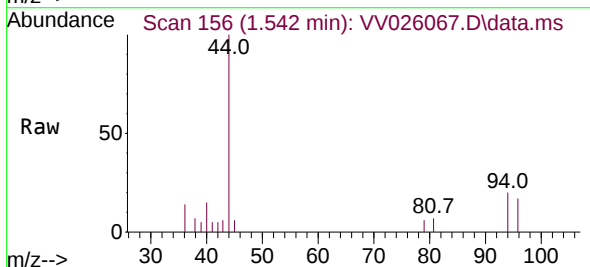
Instrument :
MSVOA_V
ClientSampleId :
VBLK365

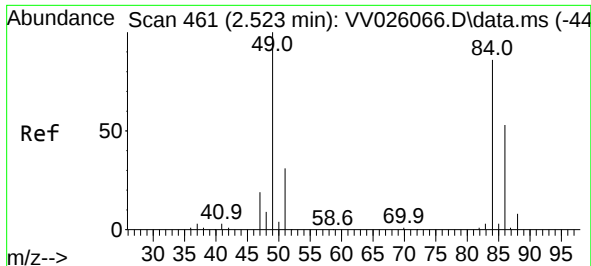
Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 19.3 23.0 42.6#



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV026067.D
Acq: 09 Jun 2022 20:57

Tgt Ion: 94 Resp: 770
Ion Ratio Lower Upper
94 100
96 84.0 65.5 121.6

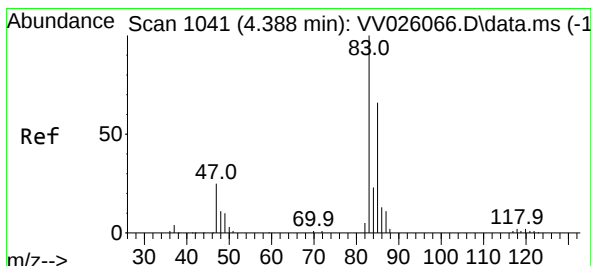
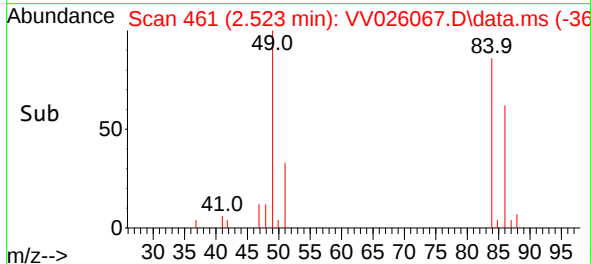
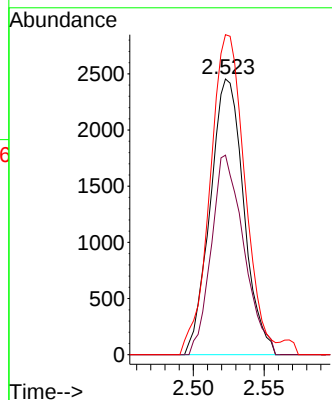
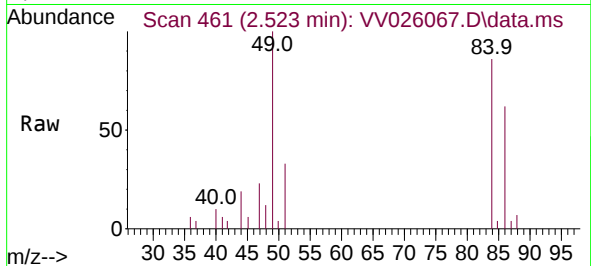




#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026067.D
Acq: 09 Jun 2022 20:57

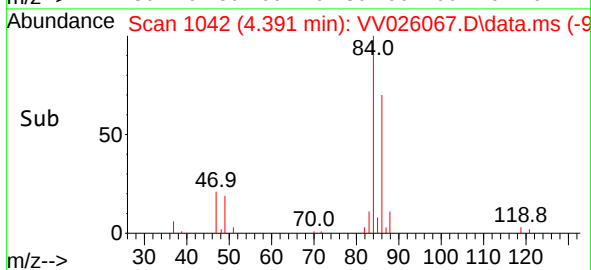
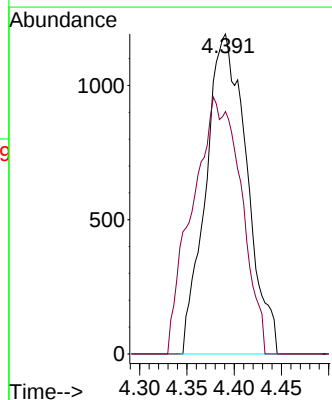
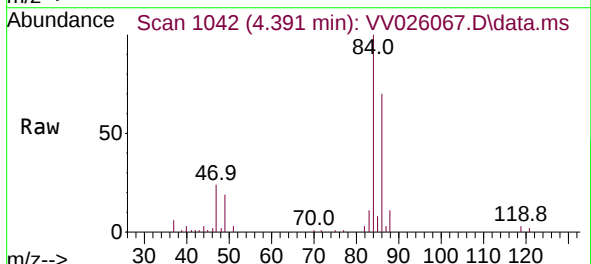
Instrument :
MSVOA_V
ClientSampleId :
VBLK365

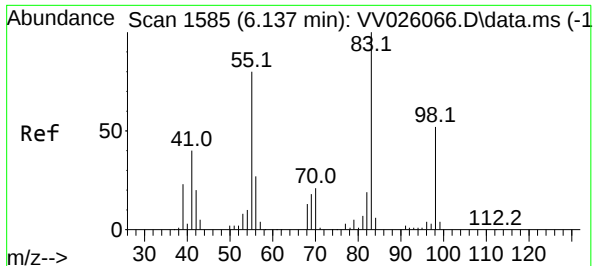
Tgt Ion: 84	Resp: 4047		
Ion Ratio	Lower	Upper	
84	100		
86	72.4	45.6	84.6
49	116.1	82.9	153.9



#25
Chloroform
Concen: 0.165 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.003 min
Lab File: VV026067.D
Acq: 09 Jun 2022 20:57

Tgt Ion: 83	Resp: 3579		
Ion Ratio	Lower	Upper	
83 100			
85 75.8	45.2	84.0	





#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026067.D

Acq: 09 Jun 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VBLK365

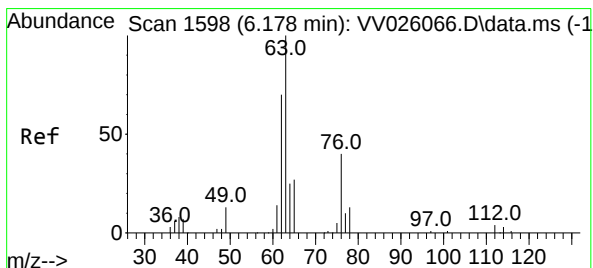
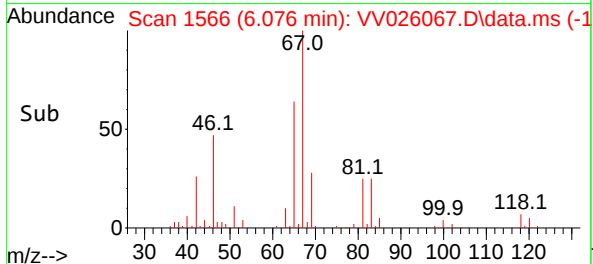
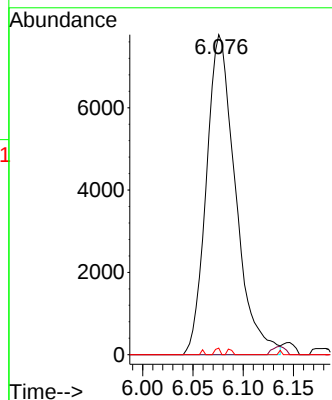
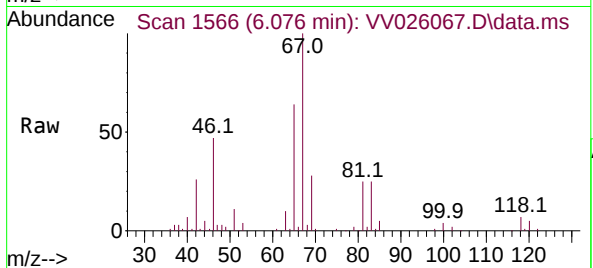
Tgt Ion: 83 Resp: 15656

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.4 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026067.D

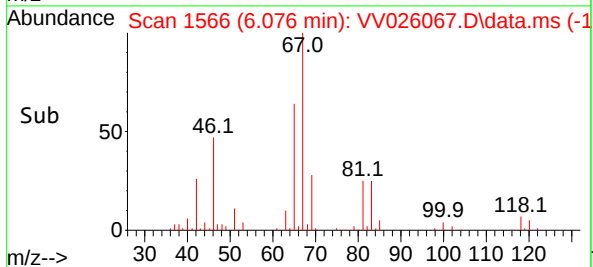
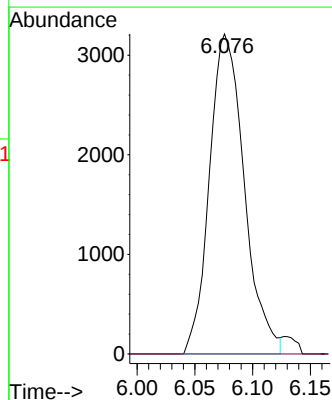
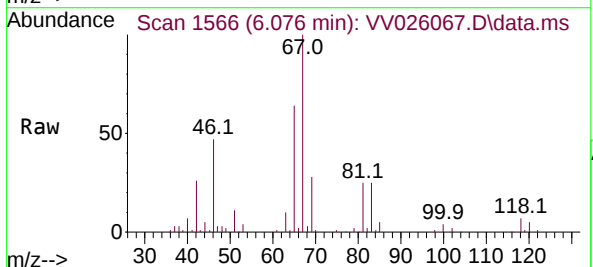
Acq: 09 Jun 2022 20:57

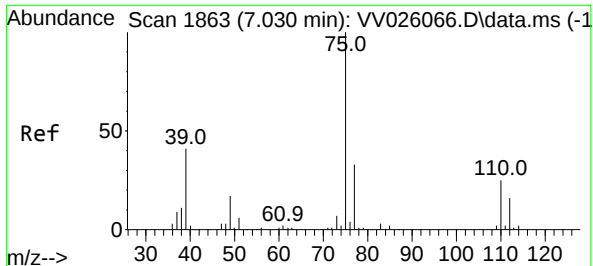
Tgt Ion: 63 Resp: 6742

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026067.D

Acq: 09 Jun 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

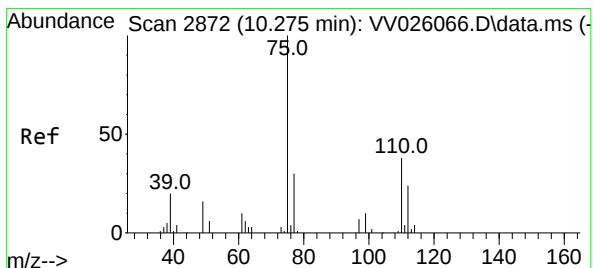
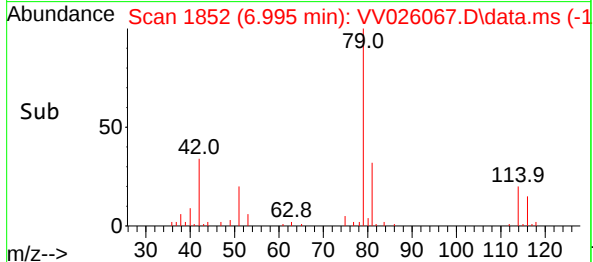
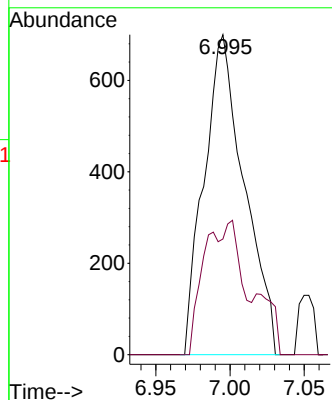
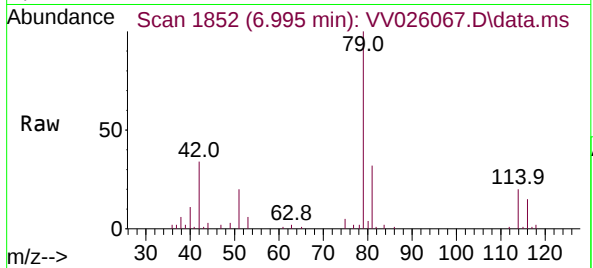
VBLK365

Tgt Ion: 75 Resp: 1317

Ion Ratio Lower Upper

75 100

77 36.1 23.2 43.0



#61

1,2,3-Trichloropropane

Concen: 1.602 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026067.D

Acq: 09 Jun 2022 20:57

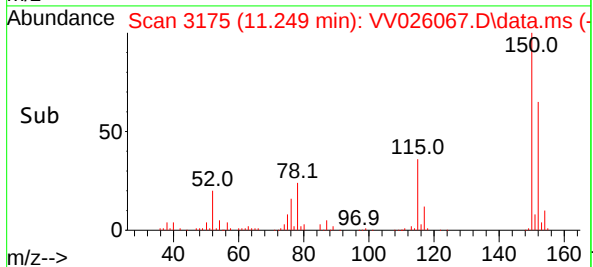
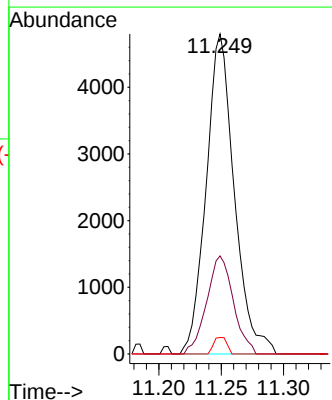
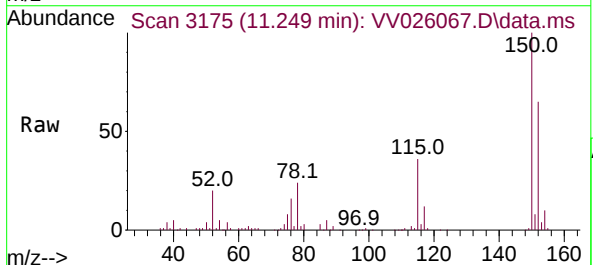
Tgt Ion: 75 Resp: 7537

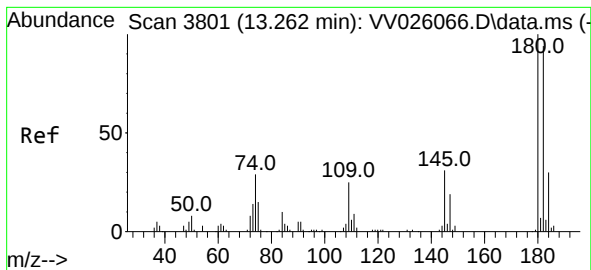
Ion Ratio Lower Upper

75 100

77 29.1 26.6 40.0

110 2.4 32.0 48.0#





#70

1,2,4-trichlorobenzene

Concen: 0.067 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV026067.D

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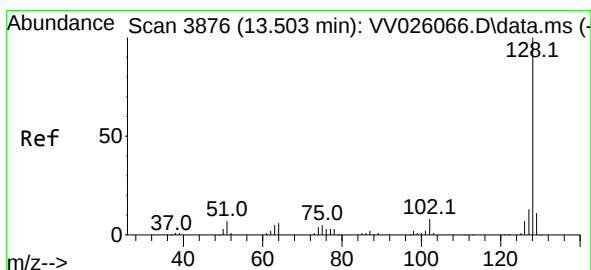
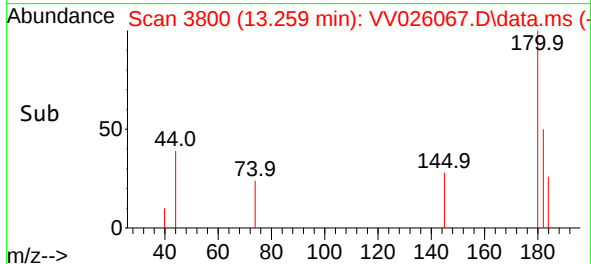
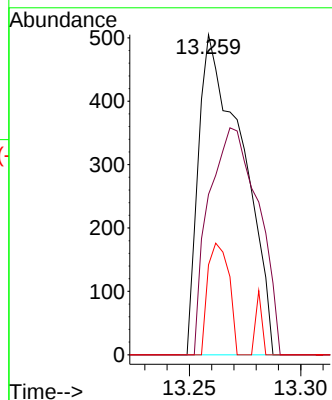
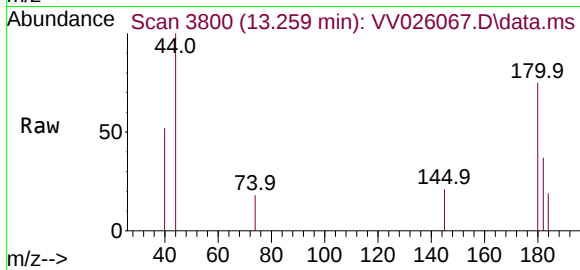
Tgt Ion:180 Resp: 692

Ion Ratio Lower Upper

180 100

182 79.9 74.2 111.4

145 16.8 24.1 36.1#



#71

Naphthalene

Concen: 0.135 ug/L

RT: 13.513 min Scan# 3879

Delta R.T. 0.010 min

Lab File: VV026067.D

Acq: 09 Jun 2022 20:57

Tgt Ion:128 Resp: 1967

Ion Ratio Lower Upper

128 100

129 4.9 8.7 13.1#

127 3.3 10.3 15.5#

