

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029107.D
 Acq On : 18 Nov 2022 10:47
 Operator : SY/MD
 Sample : VV1118WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK268

Quant Time: Nov 18 23:32:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

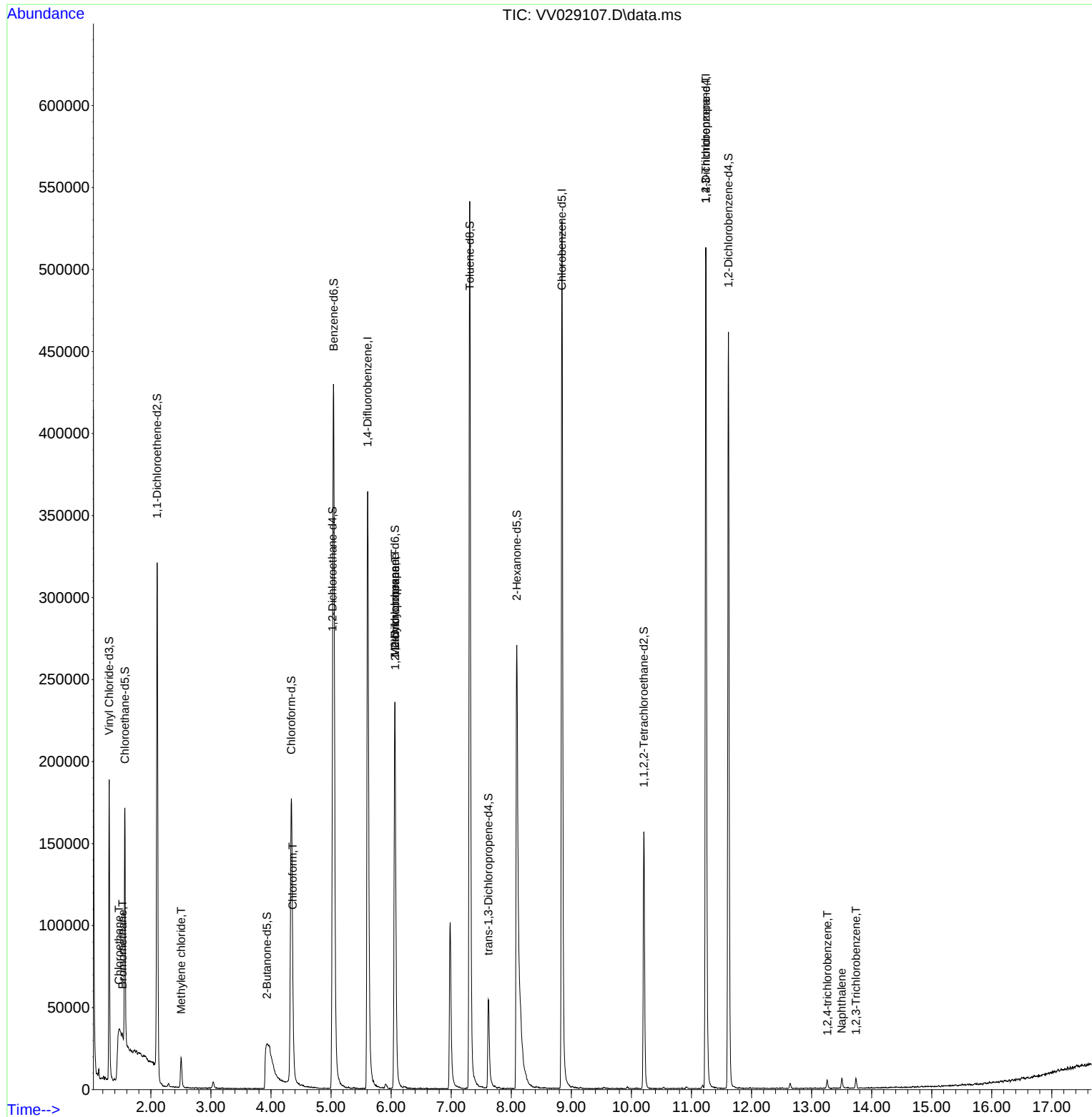
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	347653	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	313585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	147372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	125201	5.907	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.200%	
7) Chloroethane-d5	1.568	69	96715	5.191	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.105	63	157890	4.088	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	3.934	46	53334	15.033	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	30.060%#	
24) Chloroform-d	4.339	84	192920	4.433	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.024	65	87750	4.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.043	84	426571	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.063	67	122237	4.677	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.310	98	386730	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.619	79	37566	4.407	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.092	63	142137	39.063	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.120%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81265	4.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	128102	4.859	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
						Qvalue
6) Bromomethane	1.526	94	999	0.061	ug/L	80
8) Chloroethane	1.468	64	64894	4.025	ug/L #	53
16) Methylene chloride	2.507	84	8045	0.296	ug/L	94
25) Chloroform	4.362	83	2992	0.072	ug/L	87
35) Methylcyclohexane	6.063	83	28582	0.663	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	13065	0.591	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	16272	1.616	ug/L #	64
70) 1,2,4-trichlorobenzene	13.262	180	2005	0.076	ug/L	98
71) Naphthalene	13.503	128	6375	0.188	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.741	180	2217	0.100	ug/L	98

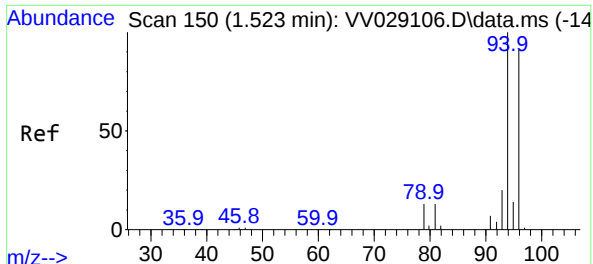
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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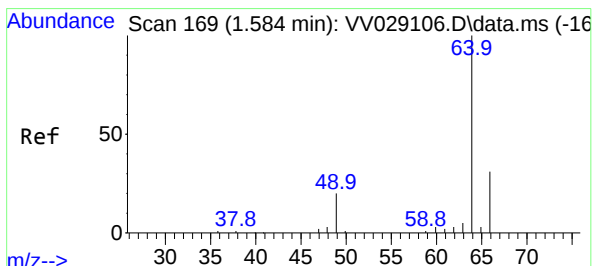
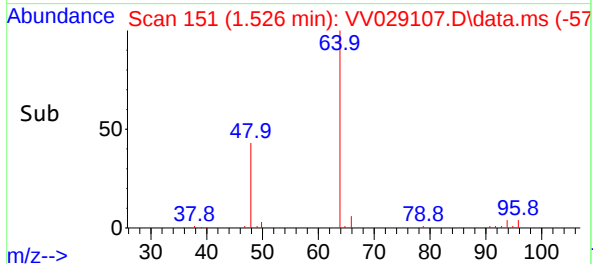
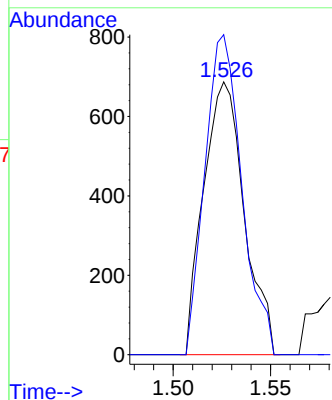
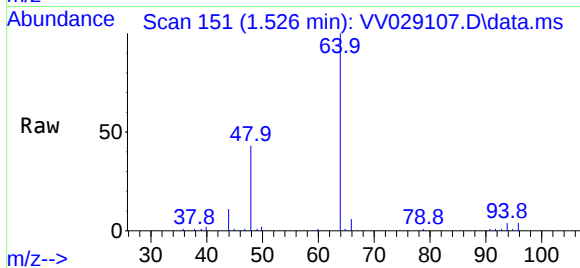




#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

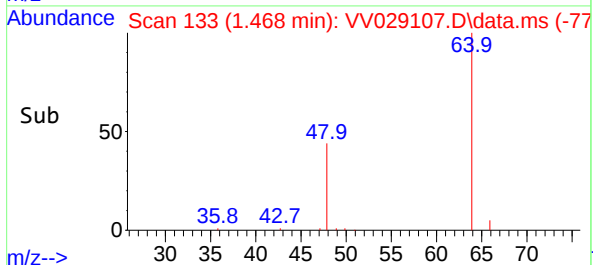
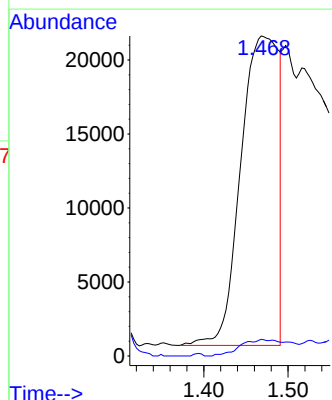
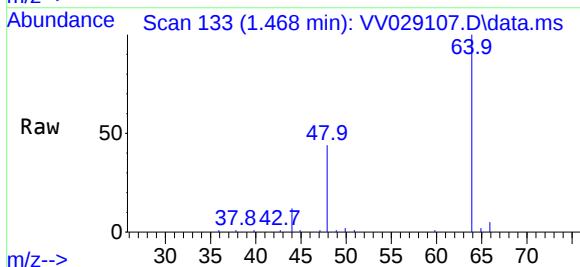
Instrument :
MSVOA_V
ClientSampleId :
VBLK268

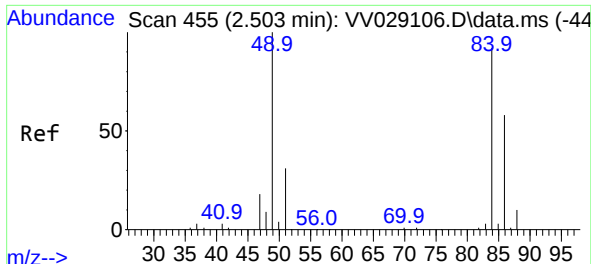
Tgt Ion: 94 Resp: 999
Ion Ratio Lower Upper
94 100
96 117.3 68.5 127.3



#8
Chloroethane
Concen: 4.025 ug/L
RT: 1.468 min Scan# 133
Delta R.T. -0.119 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

Tgt Ion: 64 Resp: 64894
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#

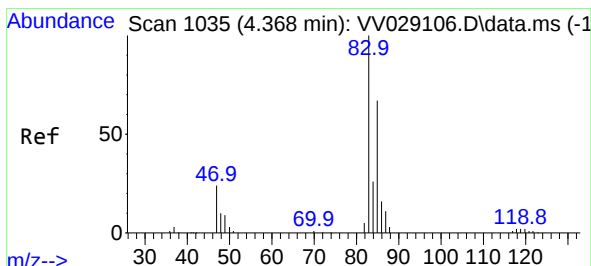
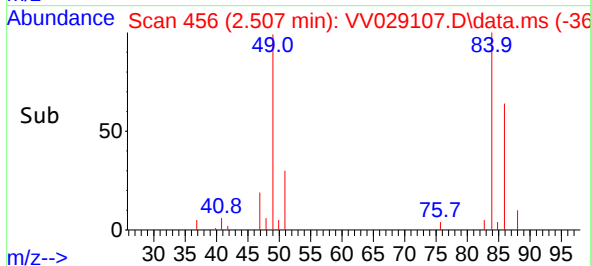
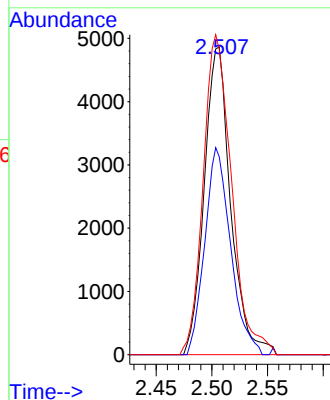
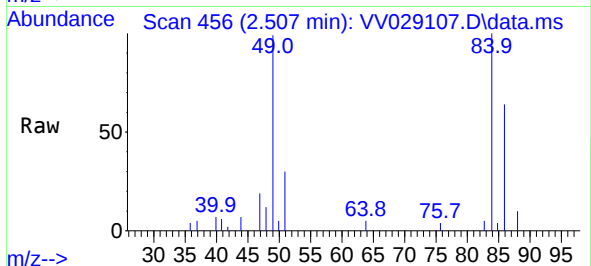




#16
Methylene chloride
Concen: 0.296 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

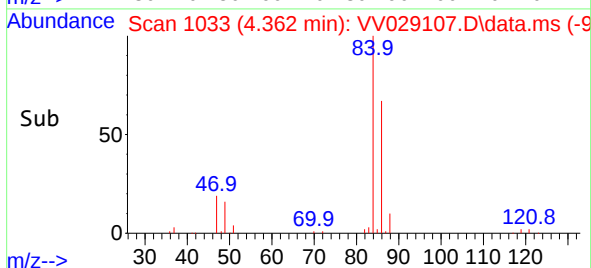
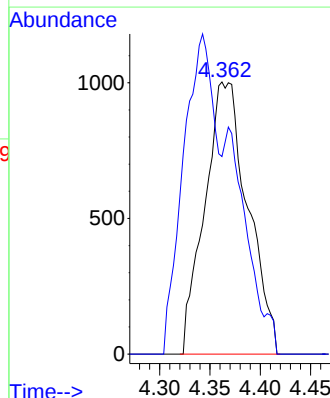
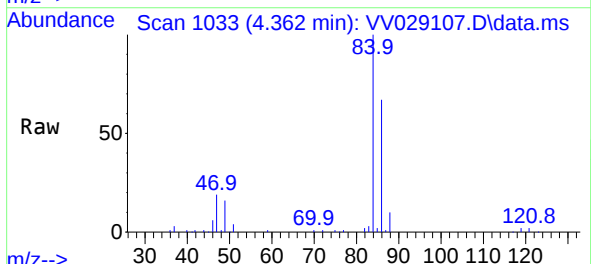
Instrument :
MSVOA_V
ClientSampleId :
VBLK268

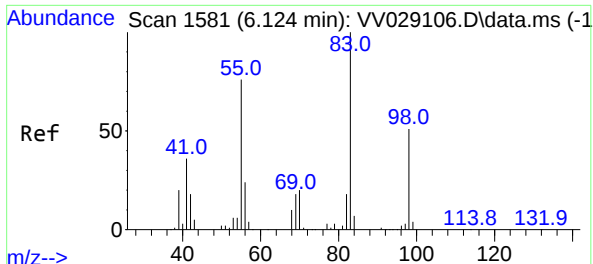
Tgt Ion: 84 Resp: 8045
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.0
49 99.2 75.5 140.1



#25
Chloroform
Concen: 0.072 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.013 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

Tgt Ion: 83 Resp: 2992
Ion Ratio Lower Upper
83 100
85 72.6 43.7 81.1





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.068 min

Lab File: VV029107.D

Acq: 18 Nov 2022 10:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK268

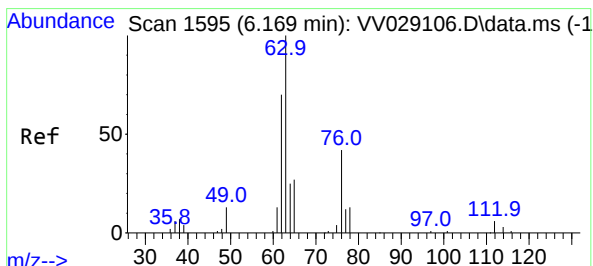
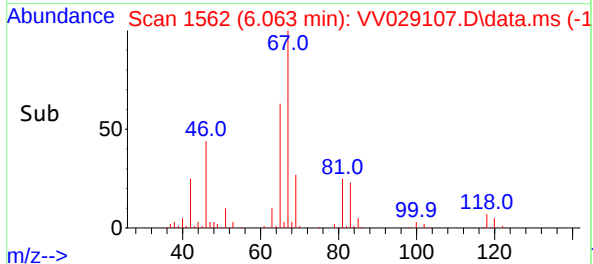
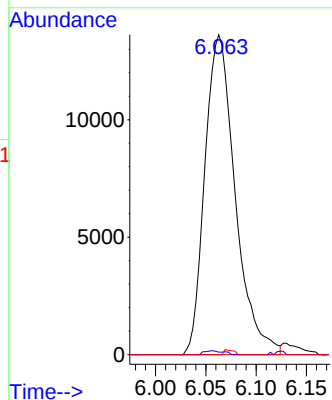
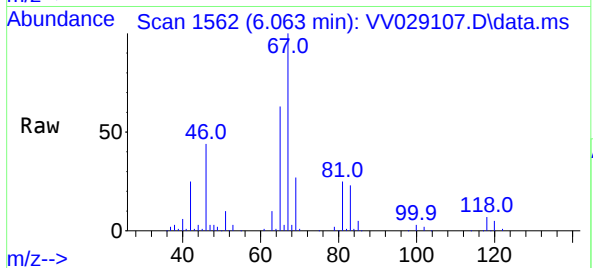
Tgt Ion: 83 Resp: 28582

Ion Ratio Lower Upper

83 100

55 0.8 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029107.D

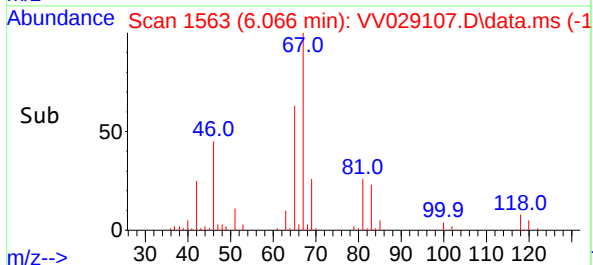
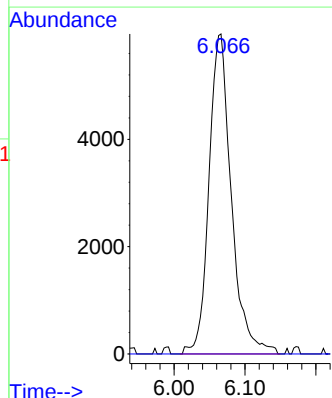
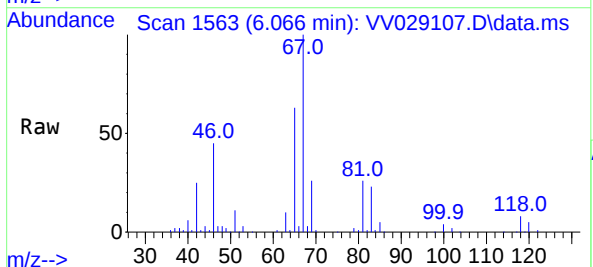
Acq: 18 Nov 2022 10:47

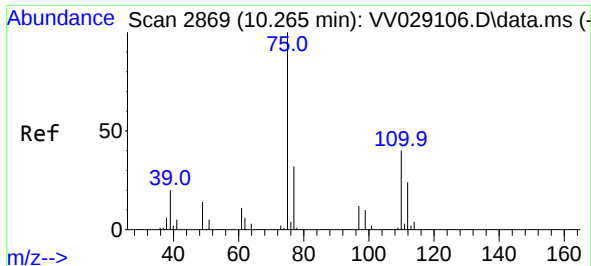
Tgt Ion: 63 Resp: 13065

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#61

1,2,3-Trichloropropane

Concen: 1.616 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029107.D

Acq: 18 Nov 2022 10:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK268

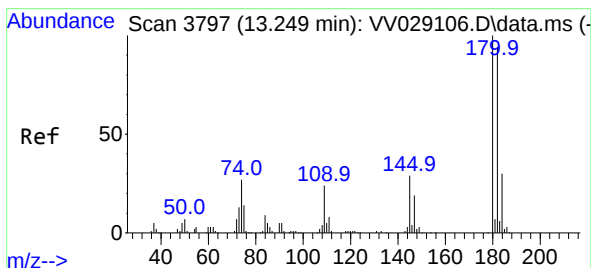
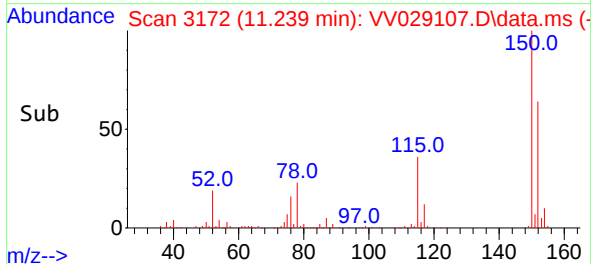
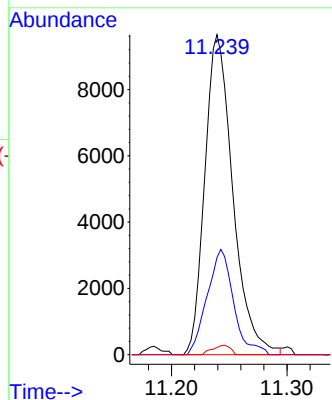
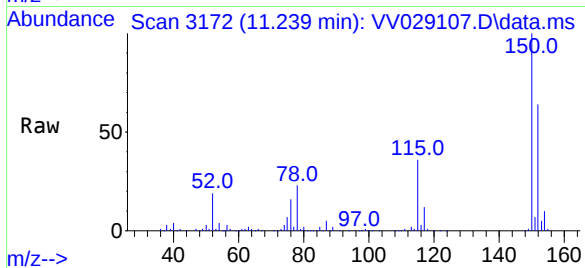
Tgt Ion: 75 Resp: 16272

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

110 1.9 32.6 48.8#



#70

1,2,4-trichlorobenzene

Concen: 0.076 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.010 min

Lab File: VV029107.D

Acq: 18 Nov 2022 10:47

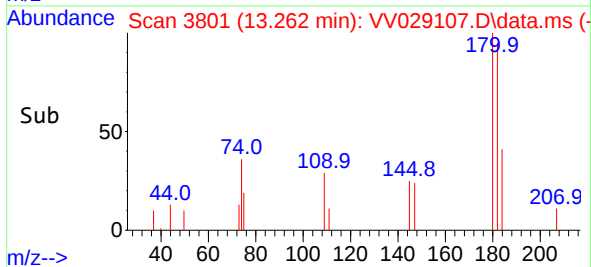
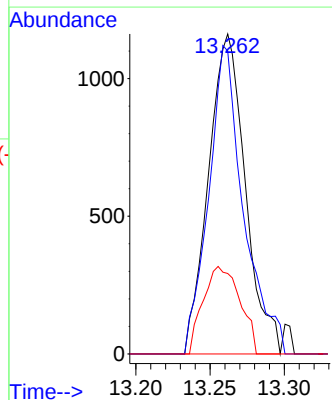
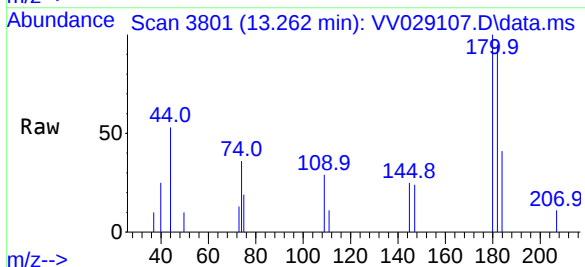
Tgt Ion:180 Resp: 2005

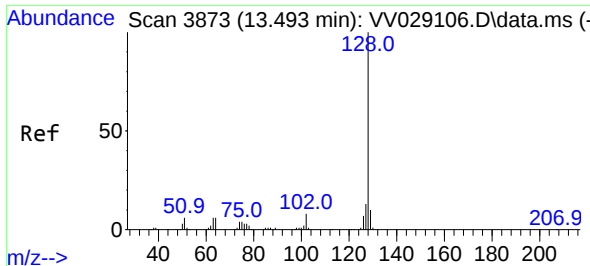
Ion Ratio Lower Upper

180 100

182 91.4 74.3 111.5

145 27.3 23.7 35.5

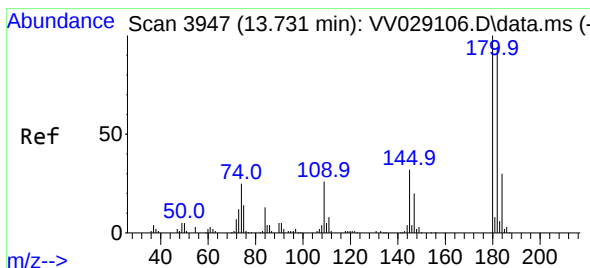
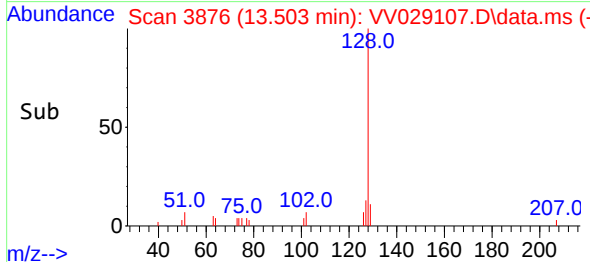
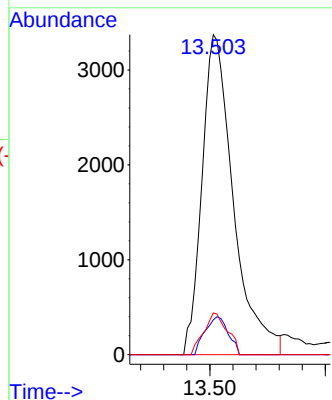
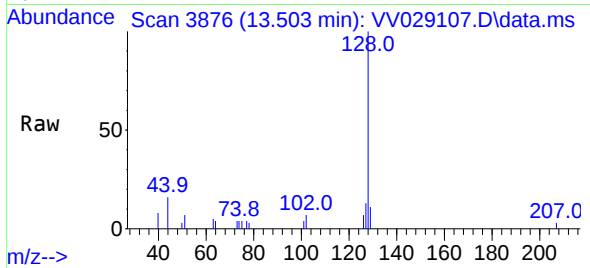




#71
Naphthalene
Concen: 0.188 ug/L
RT: 13.503 min Scan# 3950
Delta R.T. 0.010 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

Instrument :
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VBLK268

Tgt Ion:128 Resp: 6375
Ion Ratio Lower Upper
128 100
129 8.7 8.8 13.2#
127 9.8 9.8 14.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.100 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.010 min
Lab File: VV029107.D
Acq: 18 Nov 2022 10:47

Tgt Ion:180 Resp: 2217
Ion Ratio Lower Upper
180 100
182 92.8 75.4 113.2
145 33.4 24.9 37.3

