

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
 Data File : VV030918.D
 Acq On : 28 Apr 2023 14:01
 Operator : SY/MD
 Sample : VV0428WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK330

Quant Time: Apr 29 01:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

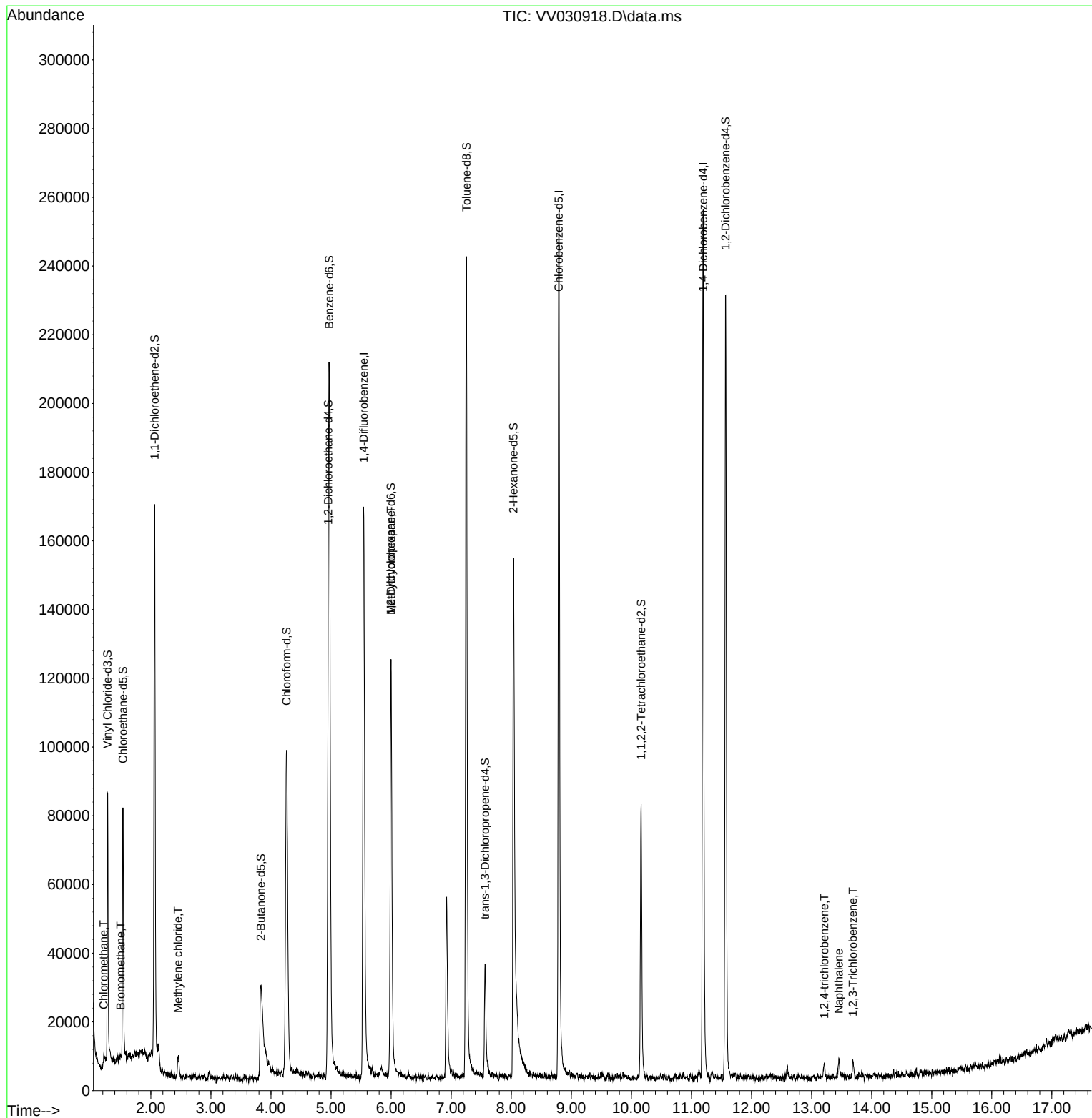
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143404	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51845	4.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.535	69	44002	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.063	65	26228	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.834	46	68345	32.620	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.240%
24) Chloroform-d	4.259	84	99164	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.953	65	53165	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.969	84	182672	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.998	67	51405	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.252	98	160294	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.564	79	18484	4.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.037	63	56344	36.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.660%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35772	4.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	58710	4.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1442	0.108	ug/L	95
6) Bromomethane	1.494	94	681	0.128	ug/L	80
16) Methylene chloride	2.455	84	2810	0.257	ug/L	98
35) Methylcyclohexane	5.998	83	13889	0.965	ug/L #	19
70) 1,2,4-trichlorobenzene	13.213	180	1250	0.104	ug/L	99
71) Naphthalene	13.455	128	3744	0.218	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.689	180	1178	0.116	ug/L	92

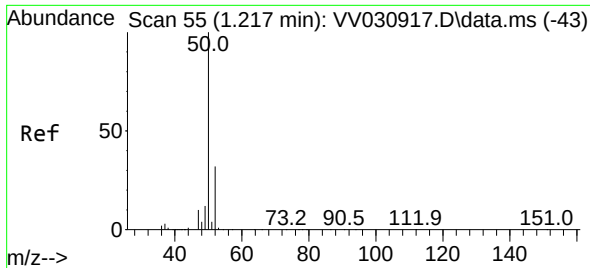
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 29 01:07:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

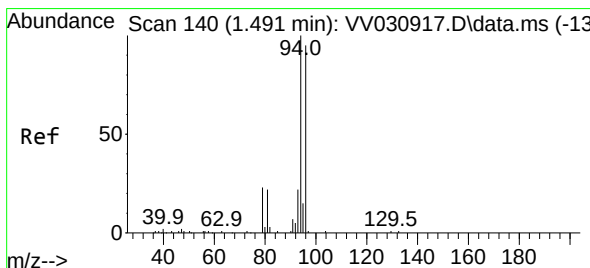
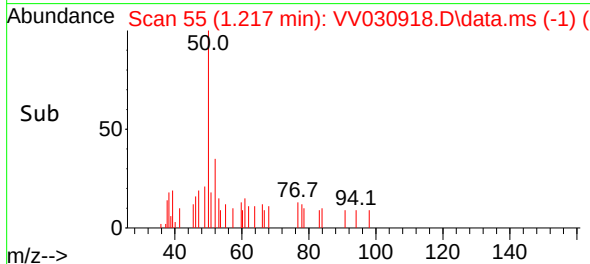
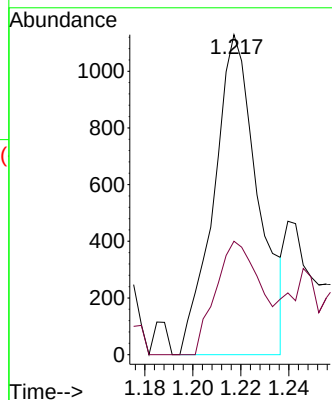
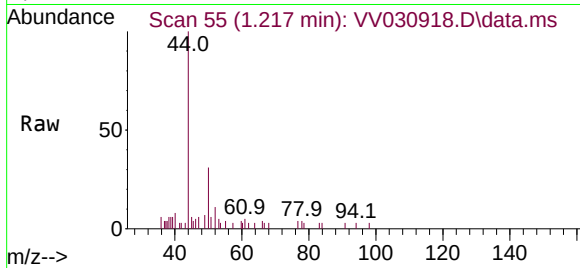




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030918.D
Acq: 28 Apr 2023 14:01

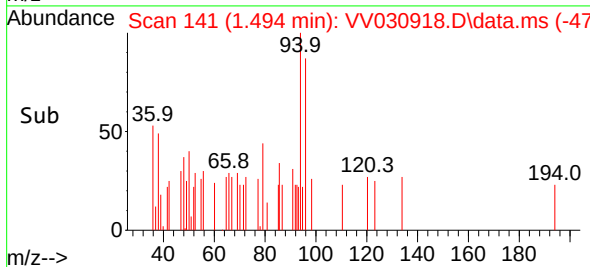
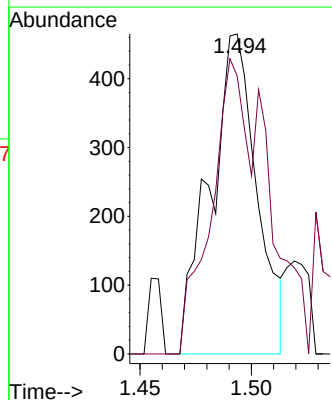
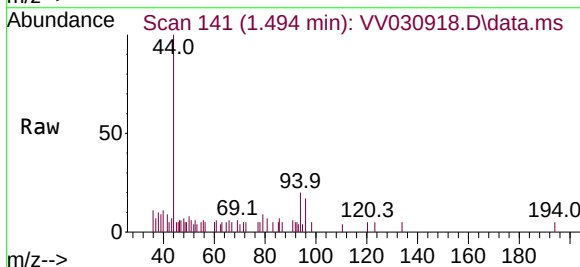
Instrument :
MSVOA_V
ClientSampleId :
VBLK330

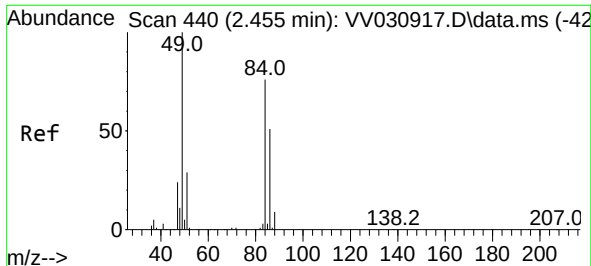
Tgt Ion: 50 Resp: 1442
Ion Ratio Lower Upper
50 100
52 35.4 22.8 42.4



#6
Bromomethane
Concen: 0.128 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030918.D
Acq: 28 Apr 2023 14:01

Tgt Ion: 94 Resp: 681
Ion Ratio Lower Upper
94 100
96 71.5 63.4 117.8

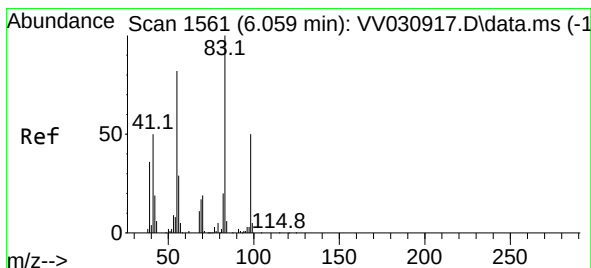
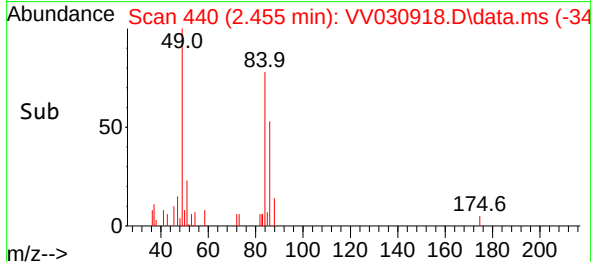
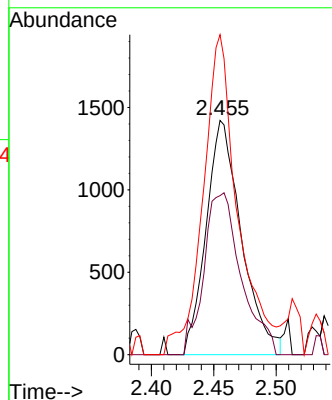
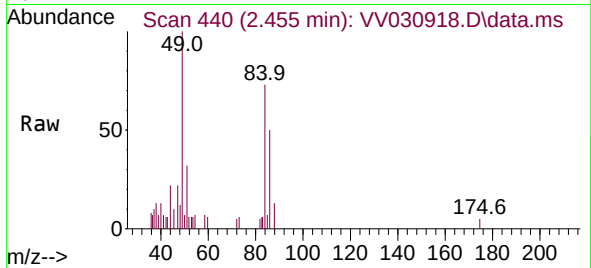




#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030918.D
Acq: 28 Apr 2023 14:01

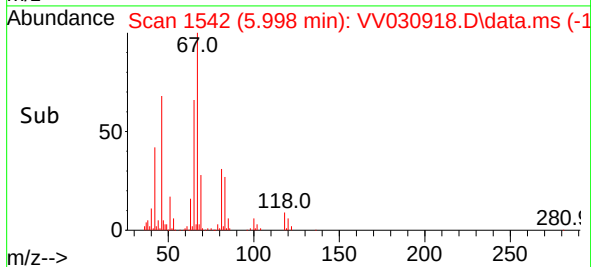
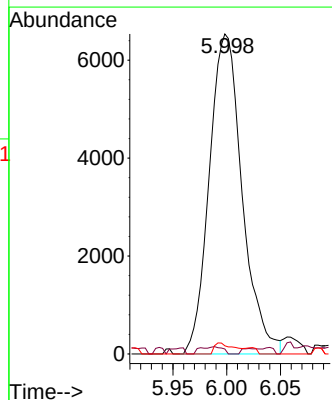
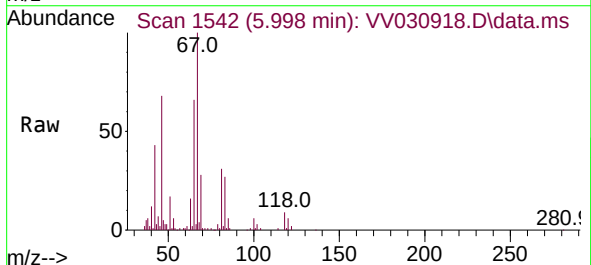
Instrument :
MSVOA_V
ClientSampleId :
VBLK330

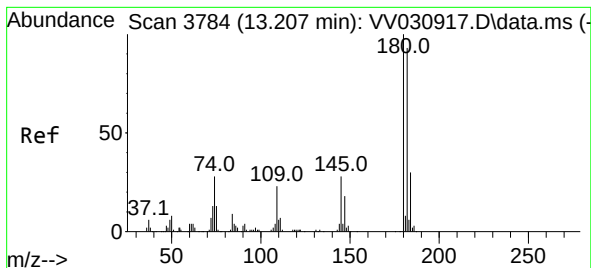
Tgt Ion: 84 Resp: 2810
Ion Ratio Lower Upper
84 100
86 67.9 46.1 85.5
49 136.6 94.3 175.1



#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030918.D
Acq: 28 Apr 2023 14:01

Tgt Ion: 83 Resp: 13889
Ion Ratio Lower Upper
83 100
55 1.5 62.9 94.3#
98 2.0 40.5 60.7#





#70

1,2,4-trichlorobenzene

Concen: 0.104 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV030918.D

Acq: 28 Apr 2023 14:01

Instrument :

MSVOA_V

ClientSampleId :

VBLK330

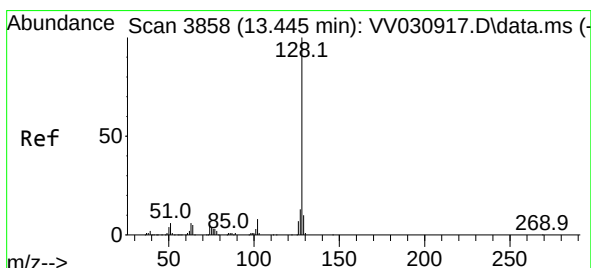
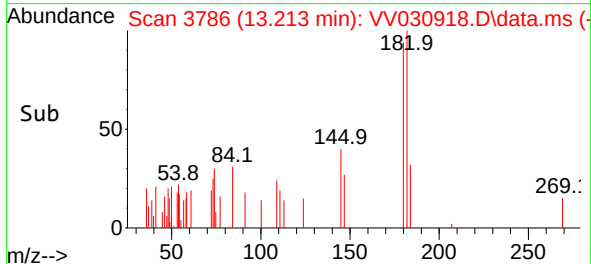
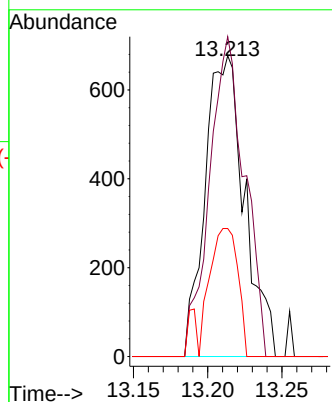
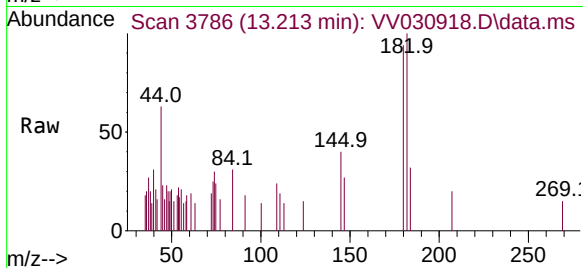
Tgt Ion:180 Resp: 1250

Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 30.3 22.9 34.3



#71

Naphthalene

Concen: 0.218 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.010 min

Lab File: VV030918.D

Acq: 28 Apr 2023 14:01

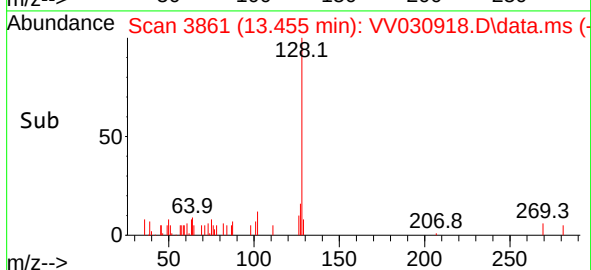
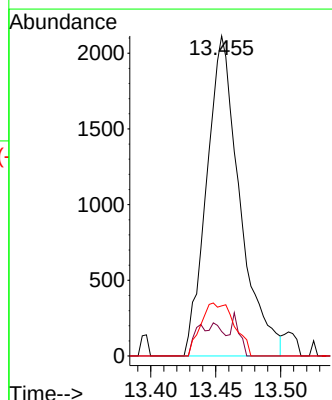
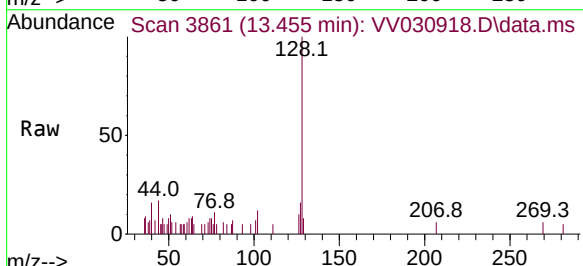
Tgt Ion:128 Resp: 3744

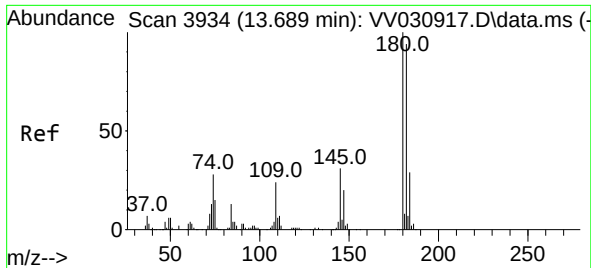
Ion Ratio Lower Upper

128 100

129 3.7 8.6 13.0#

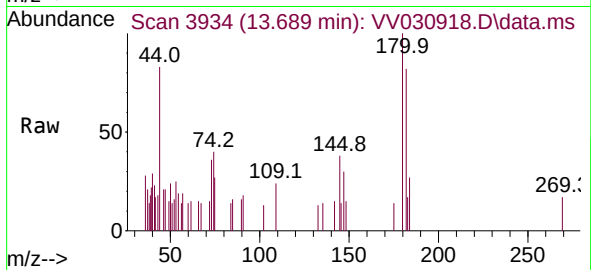
127 16.9 10.6 16.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.116 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030918.D
 Acq: 28 Apr 2023 14:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK330



Tgt Ion:	180	Resp:	1178
Ion	Ratio	Lower	Upper
180	100		
182	103.4	77.3	115.9
145	36.2	24.7	37.1

