

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029901.D
 Acq On : 23 Jan 2023 13:45
 Operator : SY/MD
 Sample : VW0123WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK293

Quant Time: Jan 24 01:33:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 24 01:33:02 2023
 Response via : Initial Calibration

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

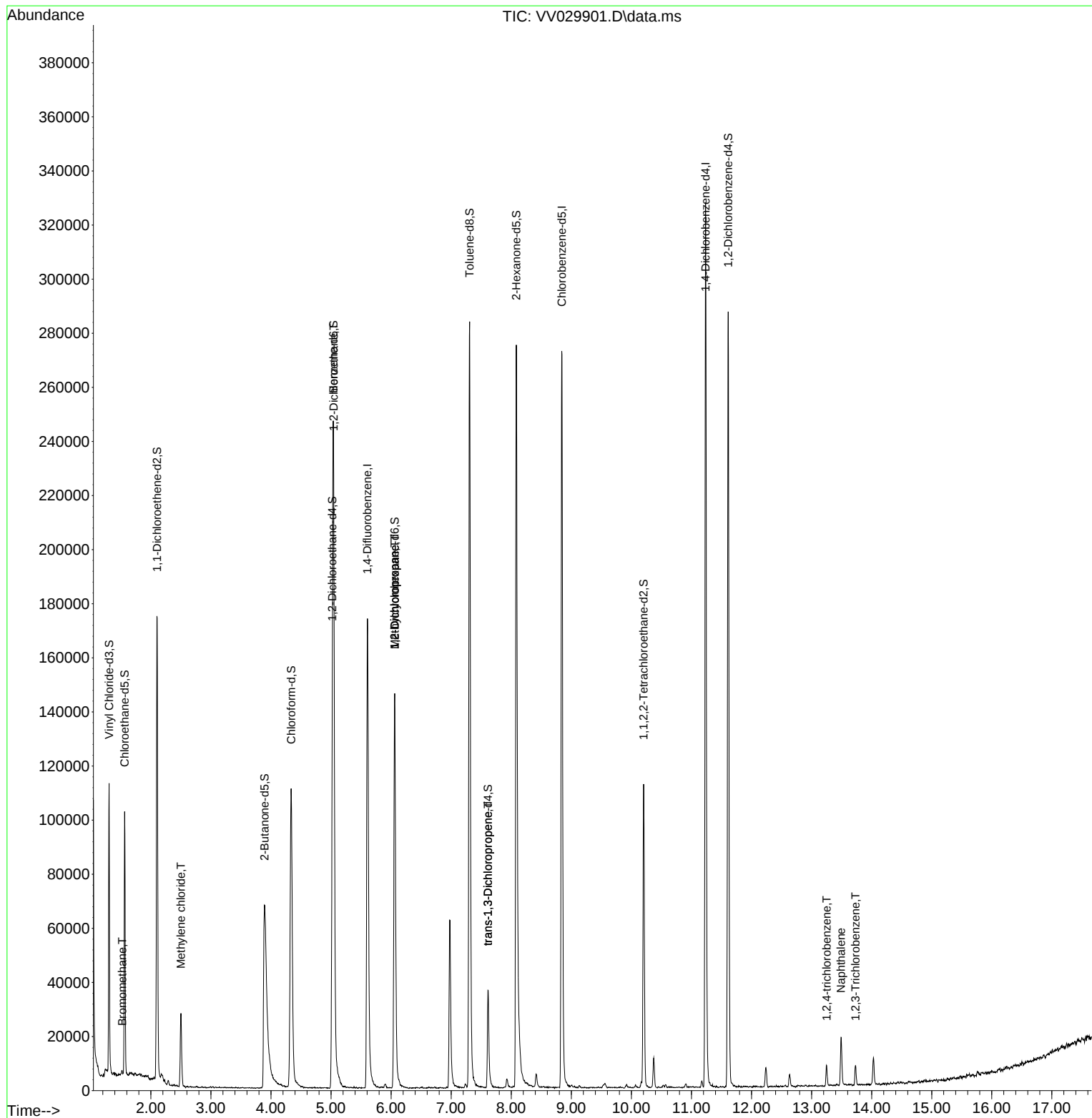
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	163627	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	165231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	88181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67892	5.470	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.400%		
7) Chloroethane-d5	1.565	69	63323	6.155	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.200%		
11) 1,1-Dichloroethene-d2	2.102	63	89078	3.937	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.800%		
20) 2-Butanone-d5	3.892	46	127883	58.135	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.280%		
24) Chloroform-d	4.336	84	121373	5.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
26) 1,2-Dichloroethane-d4	5.021	65	53123	5.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.200%		
32) Benzene-d6	5.040	84	244196	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
36) 1,2-Dichloropropane-d6	6.060	67	78394	5.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.307	98	204232	4.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.000%		
43) trans-1,3-Dichloroprop...	7.613	79	23449	4.476	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.600%		
46) 2-Hexanone-d5	8.085	63	109393	51.291	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.580%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	58353	5.551	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.000%		
66) 1,2-Dichlorobenzene-d4	11.612	152	78646	4.906	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.200%		
Target Compounds						Qvalue
6) Bromomethane	1.523	94	671	0.088	ug/L	75
16) Methylene chloride	2.500	84	11248	0.648	ug/L	91
27) 1,2-Dichloroethane	5.043	62	1200	0.105	ug/L #	71
35) Methylcyclohexane	6.060	83	18141	0.776	ug/L #	21
37) 1,2-Dichloropropane	6.060	63	7985	0.624	ug/L #	85
44) trans-1,3-Dichloropropene	7.613	75	1187	0.086	ug/L #	54
70) 1,2,4-trichlorobenzene	13.249	180	2549	0.142	ug/L	95
71) Naphthalene	13.490	128	15675	0.672	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	2785	0.186	ug/L	96

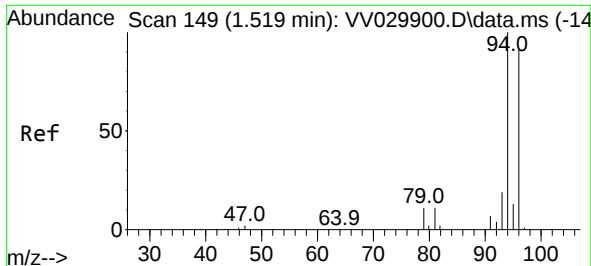
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
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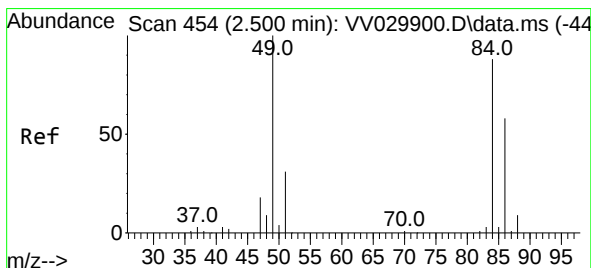
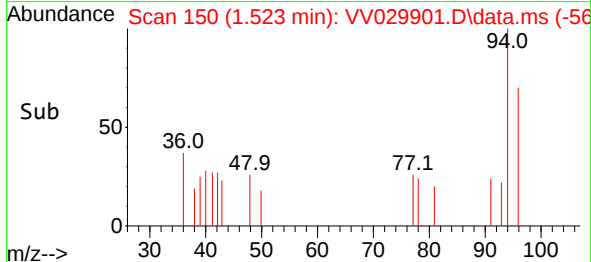
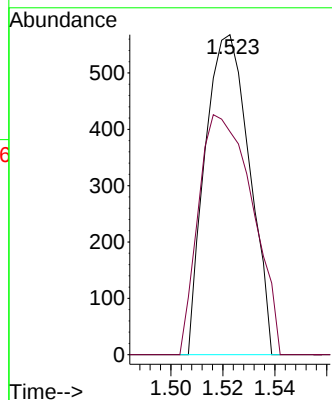
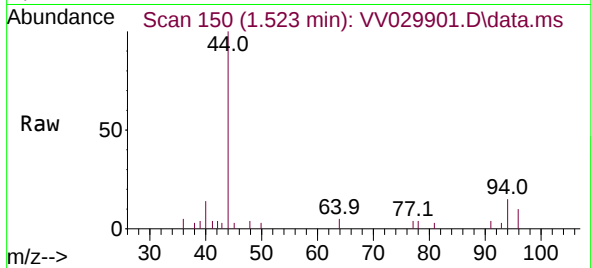




#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029901.D
Acq: 23 Jan 2023 13:45

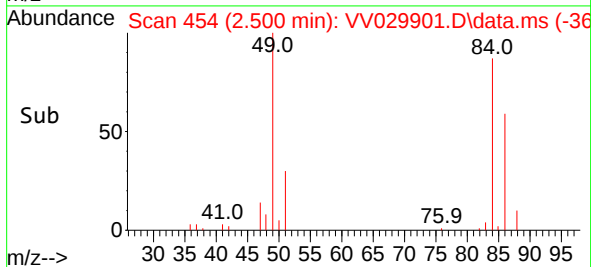
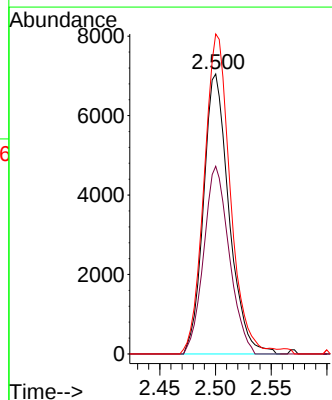
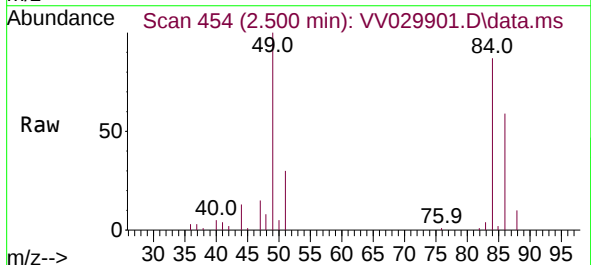
Instrument :
MSVOA_V
ClientSampleId :
VBLK293

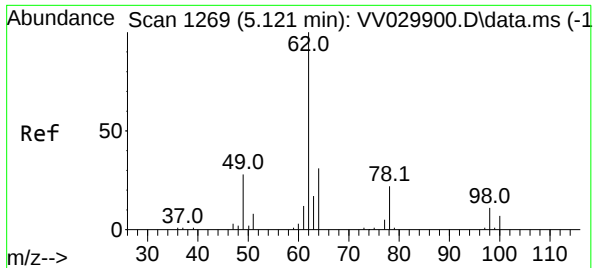
Tgt Ion: 94 Resp: 671
Ion Ratio Lower Upper
94 100
96 69.7 65.9 122.5



#16
Methylene chloride
Concen: 0.648 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029901.D
Acq: 23 Jan 2023 13:45

Tgt Ion: 84 Resp: 11248
Ion Ratio Lower Upper
84 100
86 67.1 45.0 83.6
49 114.3 71.5 132.7

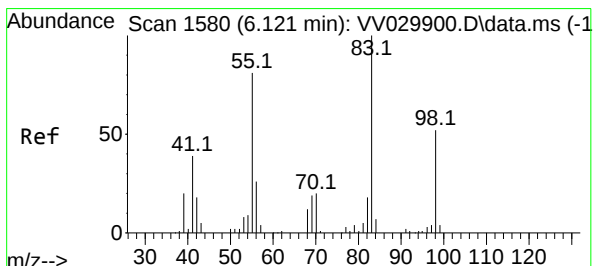
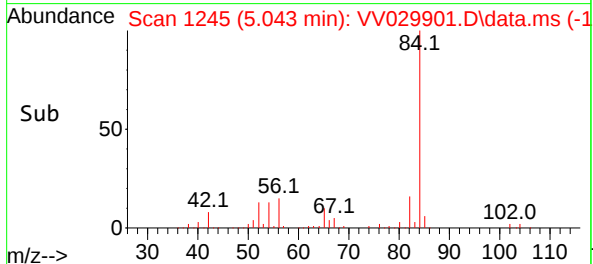
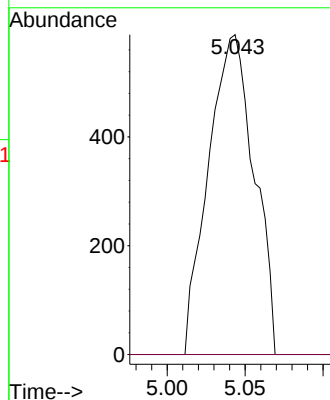
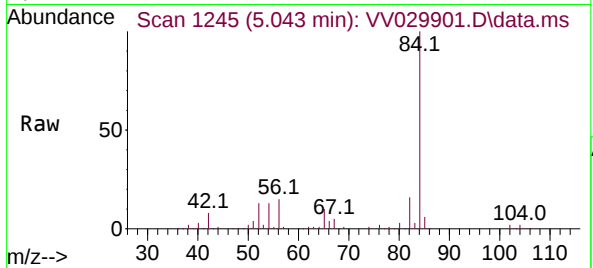




#27
1,2-Dichloroethane
Concen: 0.105 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029901.D
Acq: 23 Jan 2023 13:45

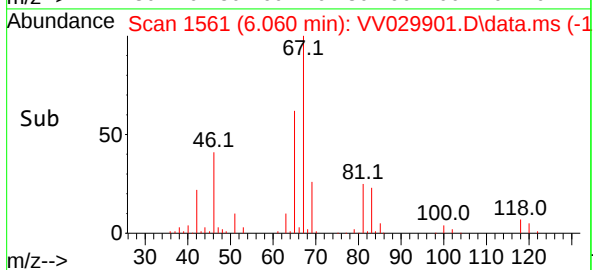
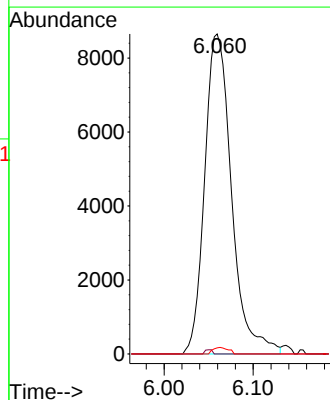
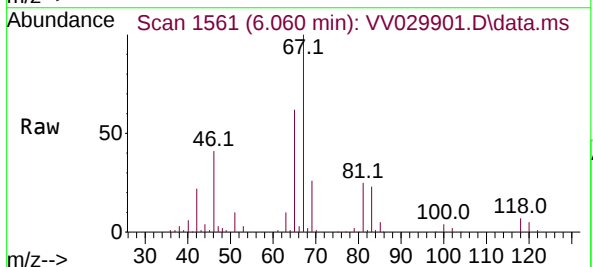
Instrument :
MSVOA_V
ClientSampleId :
VBLK293

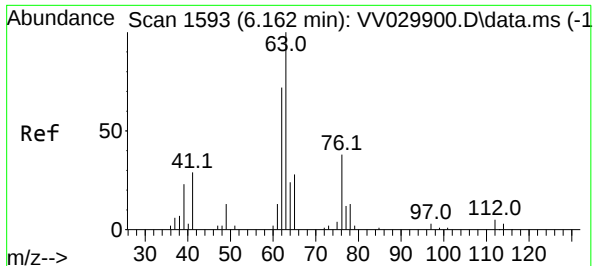
Tgt Ion: 62 Resp: 1200
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029901.D
Acq: 23 Jan 2023 13:45

Tgt Ion: 83 Resp: 18141
Ion Ratio Lower Upper
83 100
55 0.3 57.3 85.9#
98 1.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.060 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029901.D

Acq: 23 Jan 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

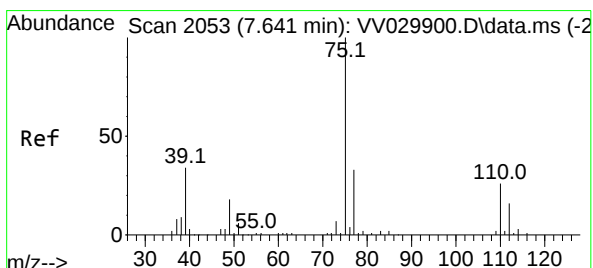
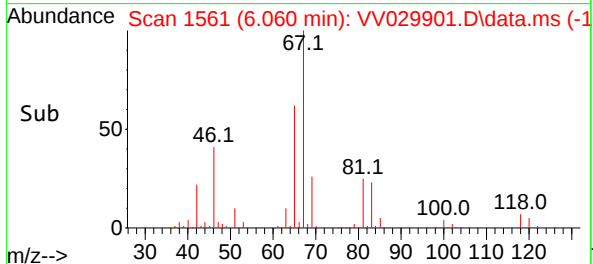
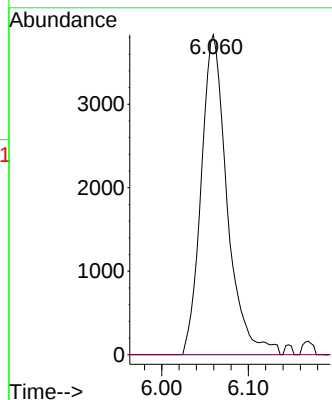
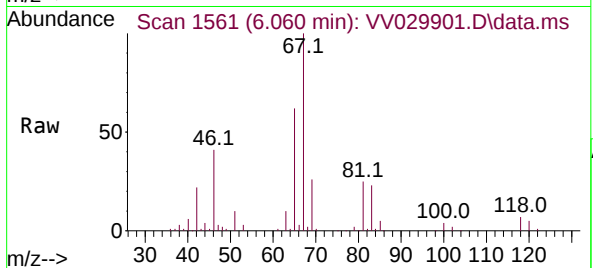
VBLK293

Tgt Ion: 63 Resp: 7985

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.613 min Scan# 2044

Delta R.T. -0.029 min

Lab File: VV029901.D

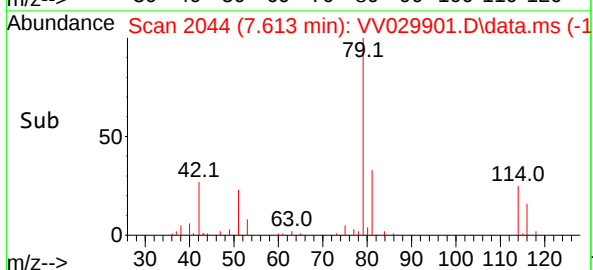
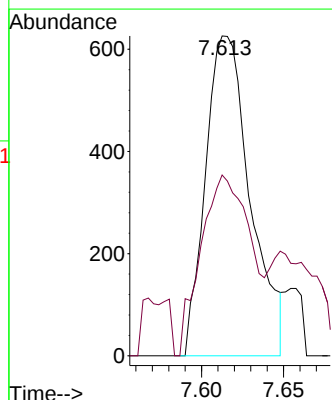
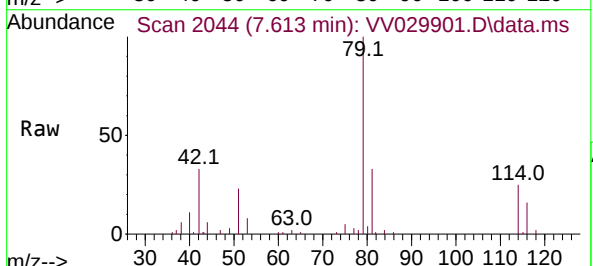
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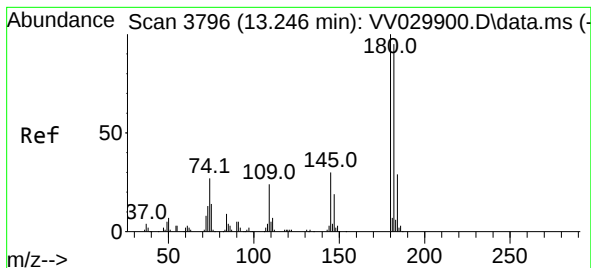
Tgt Ion: 75 Resp: 1187

Ion Ratio Lower Upper

75 100

77 56.5 21.9 40.7#





#70

1,2,4-trichlorobenzene

Concen: 0.142 ug/L

RT: 13.249 min Scan# 3796

Delta R.T. 0.003 min

Lab File: VV029901.D

Acq: 23 Jan 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK293

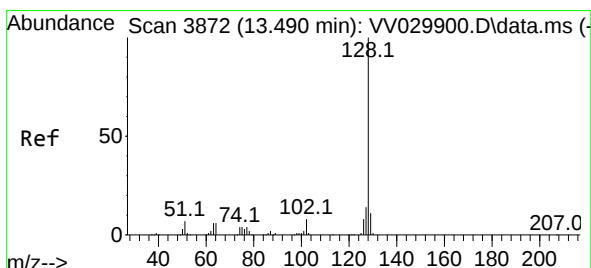
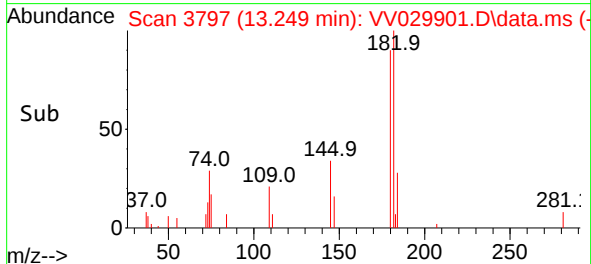
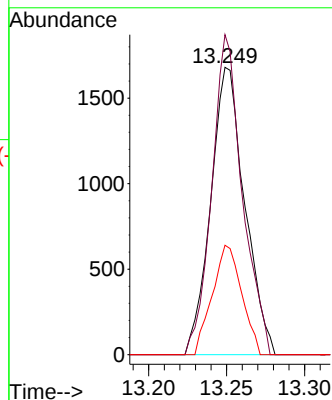
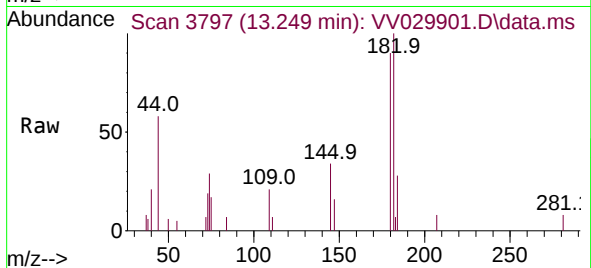
Tgt Ion:180 Resp: 2549

Ion Ratio Lower Upper

180 100

182 99.8 75.8 113.8

145 32.8 23.7 35.5



#71

Naphthalene

Concen: 0.672 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029901.D

Acq: 23 Jan 2023 13:45

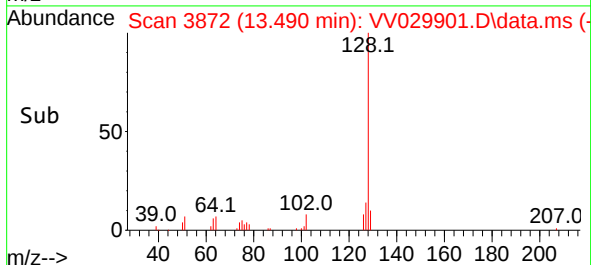
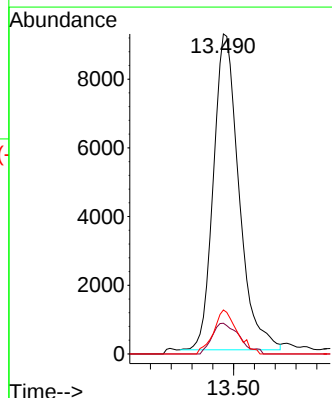
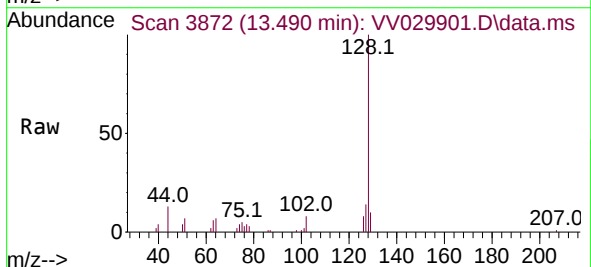
Tgt Ion:128 Resp: 15675

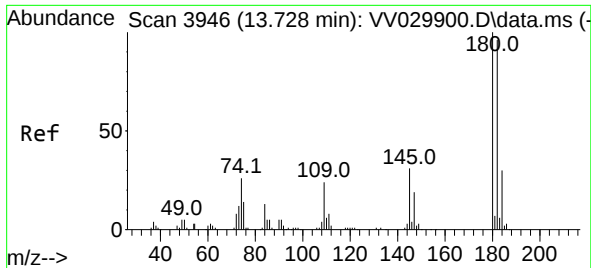
Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

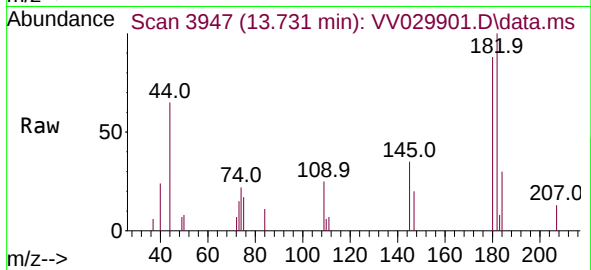
127 12.8 10.0 15.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.186 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. 0.003 min
 Lab File: VV029901.D
 Acq: 23 Jan 2023 13:45

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	180	Resp:	2785
Ion Ratio	Lower	Upper	
180	100		
182	99.2	75.5	113.3
145	30.1	25.0	37.6

