

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029109.D
 Acq On : 18 Nov 2022 11:36
 Operator : SY/MD
 Sample : N5604-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 23:33:13 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

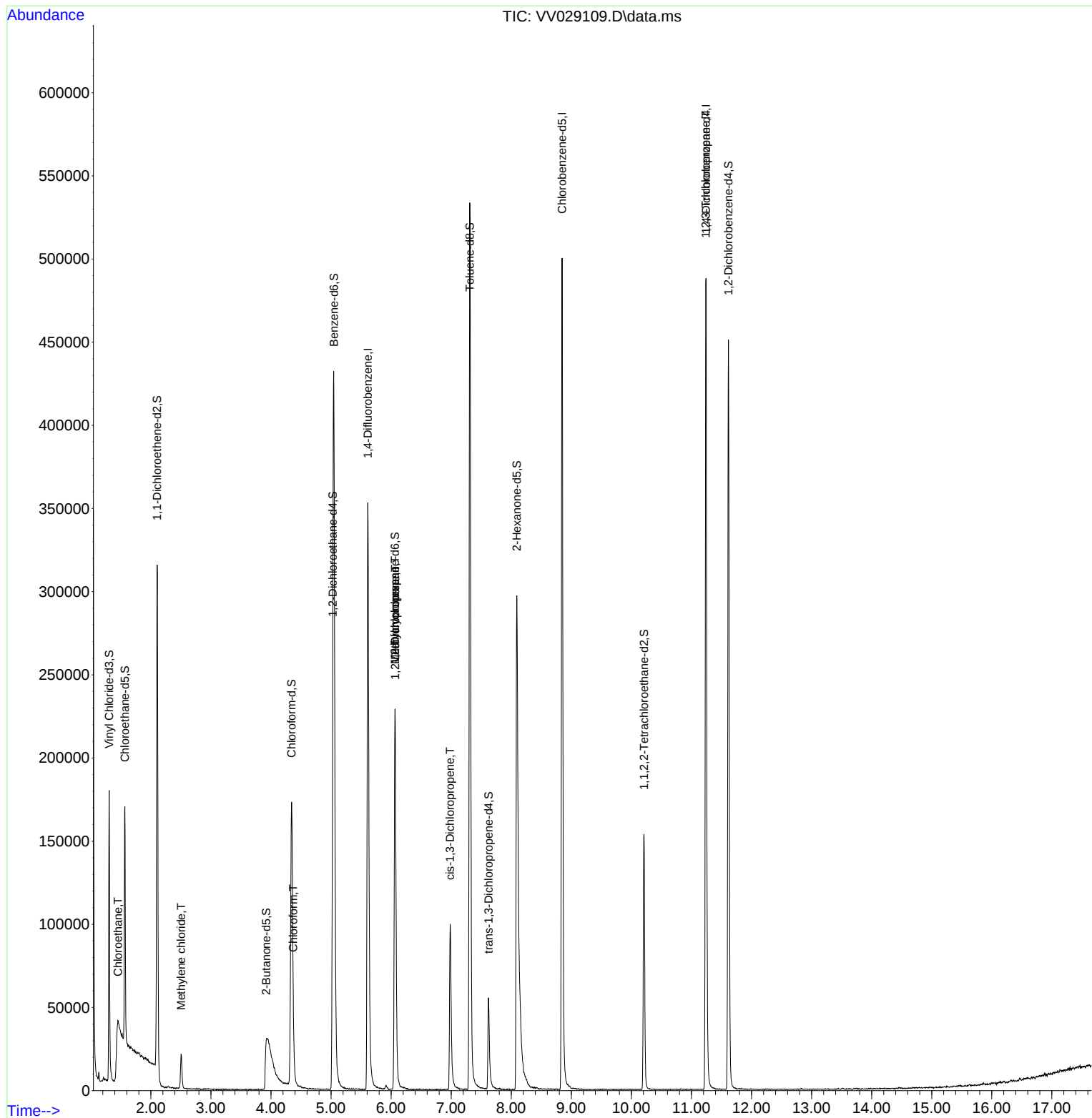
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	327923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	300823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	138981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	122213	6.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	122.200%	
7) Chloroethane-d5	1.568	69	93954	5.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.104	63	156247	4.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	3.921	46	26080	7.793	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	15.580%#	
24) Chloroform-d	4.342	84	187075	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.027	65	88726	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.046	84	420700	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.066	67	122241	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.310	98	370713	4.586	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.622	79	35692	4.365	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.091	63	146023	41.833	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.660%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80878	4.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	125687	5.055	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
8) Chloroethane	1.455	64	115387	7.588	ug/L #	52
16) Methylene chloride	2.506	84	9798	0.382	ug/L	98
25) Chloroform	4.371	83	6401	0.162	ug/L	88
35) Methylcyclohexane	6.066	83	28591	0.691	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	12638	0.596	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2684	0.091	ug/L #	63
61) 1,2,3-Trichloropropane	11.239	75	15835	1.667	ug/L #	63

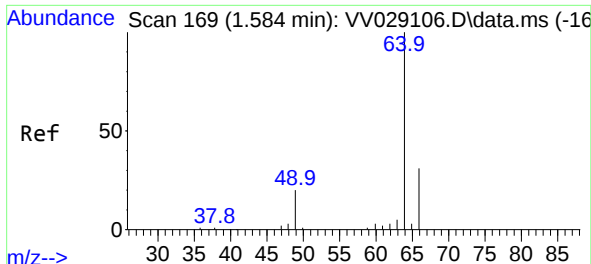
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

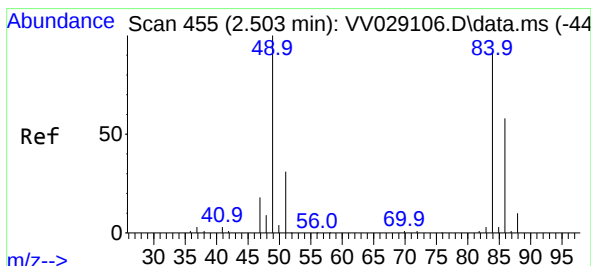
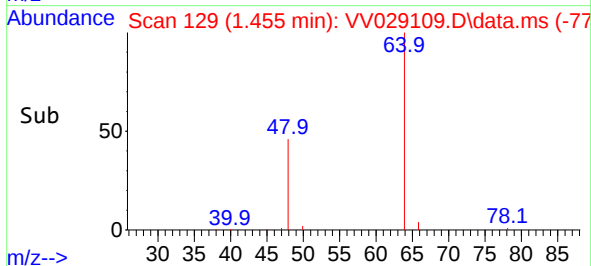
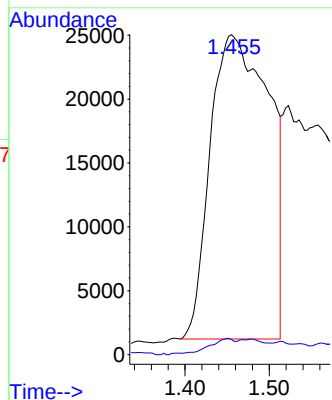
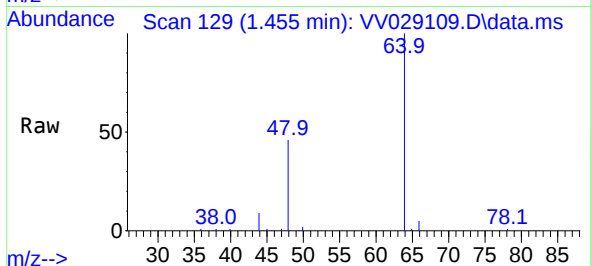




#8
Chloroethane
Concen: 7.588 ug/L
RT: 1.455 min Scan# 11
Delta R.T. -0.132 min
Lab File: VV029109.D
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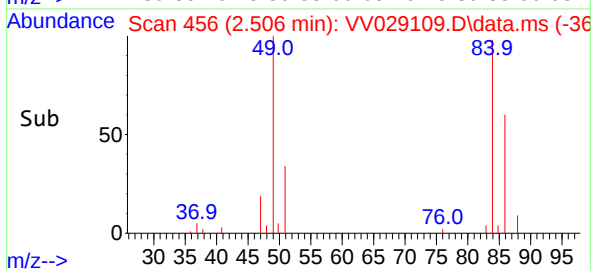
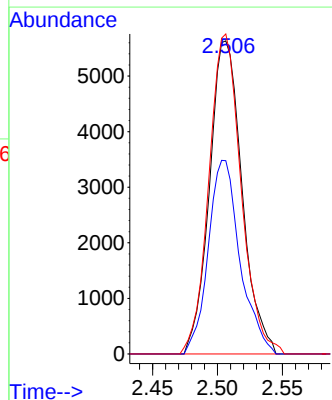
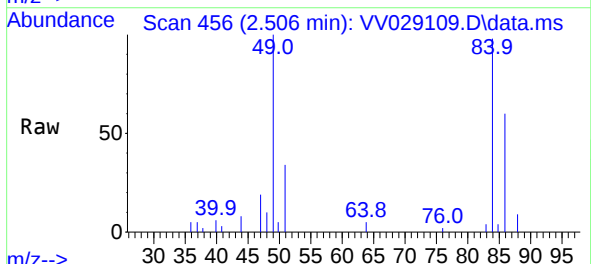
Instrument :
MSVOA_V
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VHBLK001

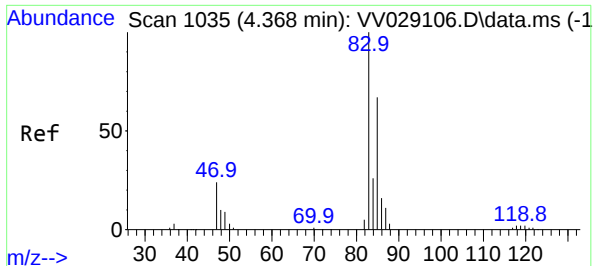
Tgt Ion: 64 Resp: 115387
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV029109.D
Acq: 18 Nov 2022 11:36

Tgt Ion: 84 Resp: 9798
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.0
49 107.0 75.5 140.1





#25

Chloroform

Concen: 0.162 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029109.D

Acq: 18 Nov 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

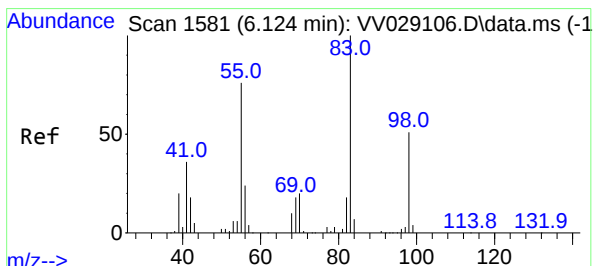
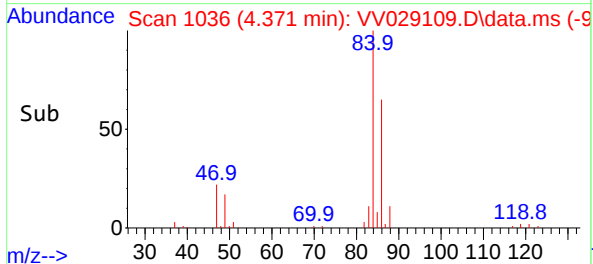
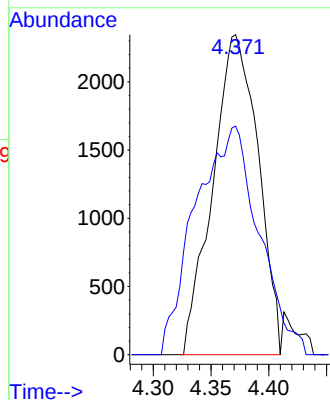
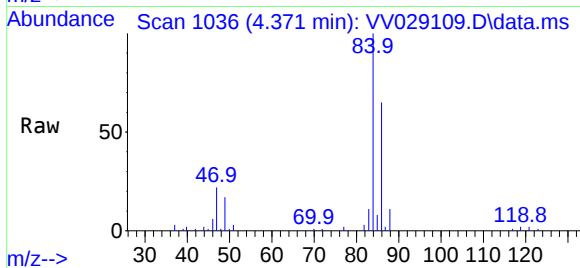
VHBLK001

Tgt Ion: 83 Resp: 6401

Ion Ratio Lower Upper

83 100

85 71.4 43.7 81.1



#35

Methylcyclohexane

Concen: 0.691 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.065 min

Lab File: VV029109.D

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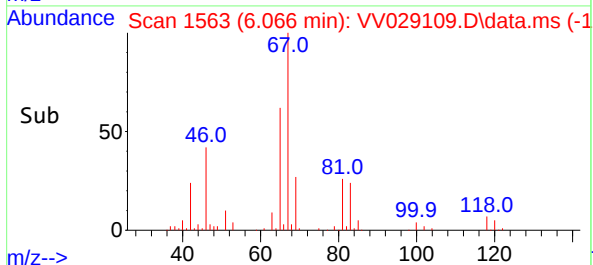
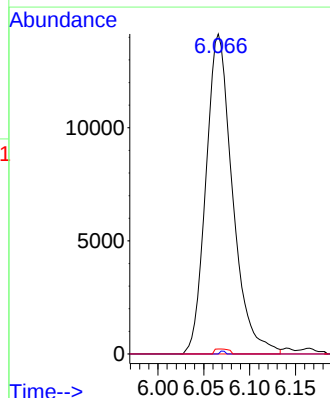
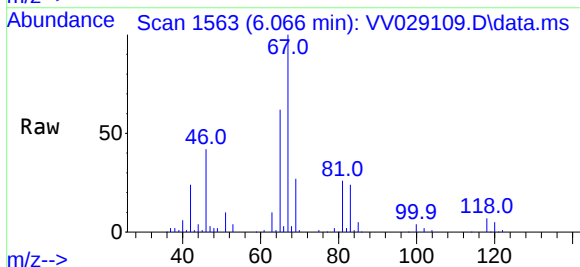
Tgt Ion: 83 Resp: 28591

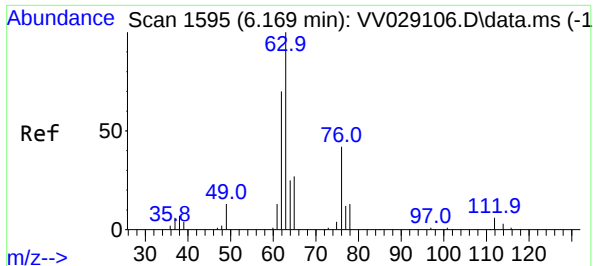
Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.8 38.2 57.2#

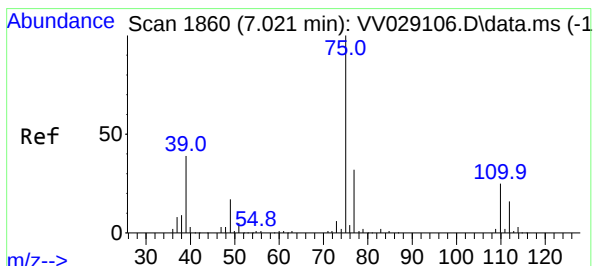
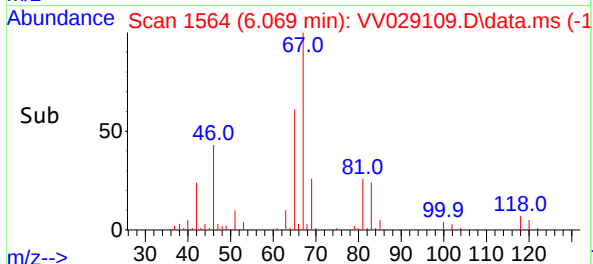
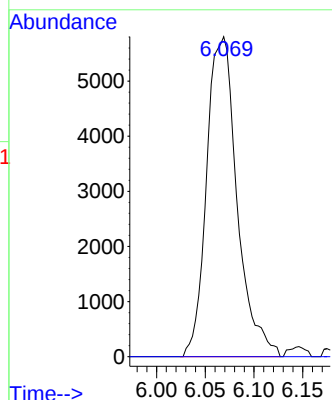
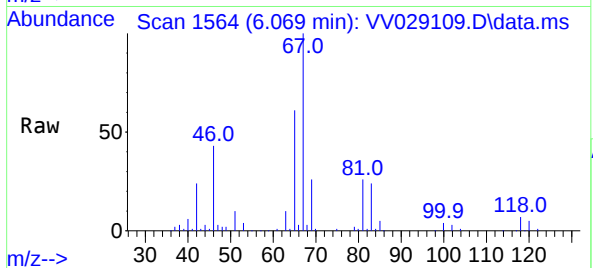




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029109.D
Acq: 18 Nov 2022 11:36

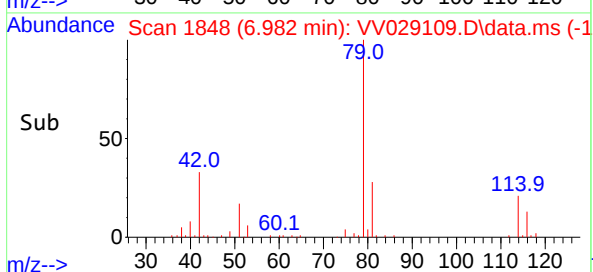
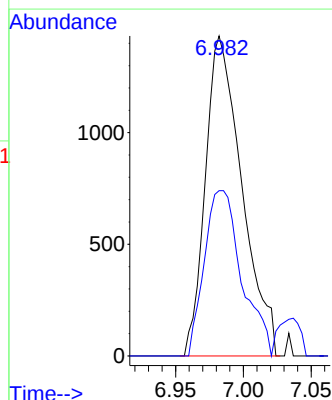
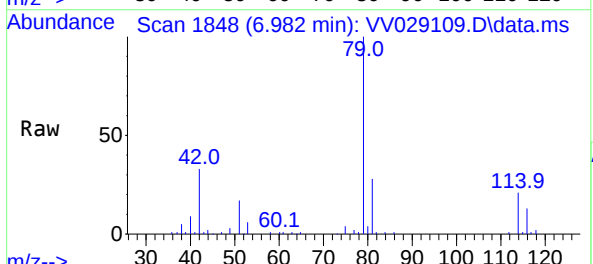
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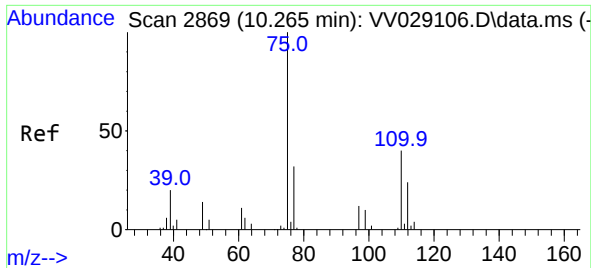
Tgt Ion: 63 Resp: 12638
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.045 min
Lab File: VV029109.D
Acq: 18 Nov 2022 11:36

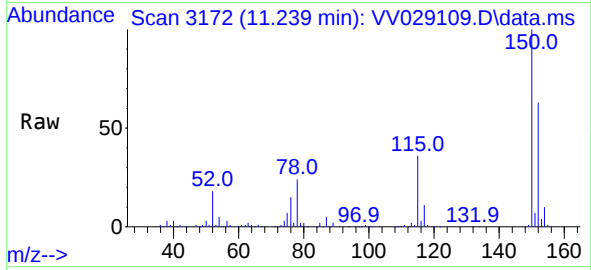
Tgt Ion: 75 Resp: 2684
Ion Ratio Lower Upper
75 100
77 51.6 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.667 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029109.D
 Acq: 18 Nov 2022 11:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion: 75 Resp: 15835
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.2 39.2
 110 1.9 32.6 48.8#

