

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029108.D
 Acq On : 18 Nov 2022 11:11
 Operator : SY/MD
 Sample : N5628-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 23:33:07 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)

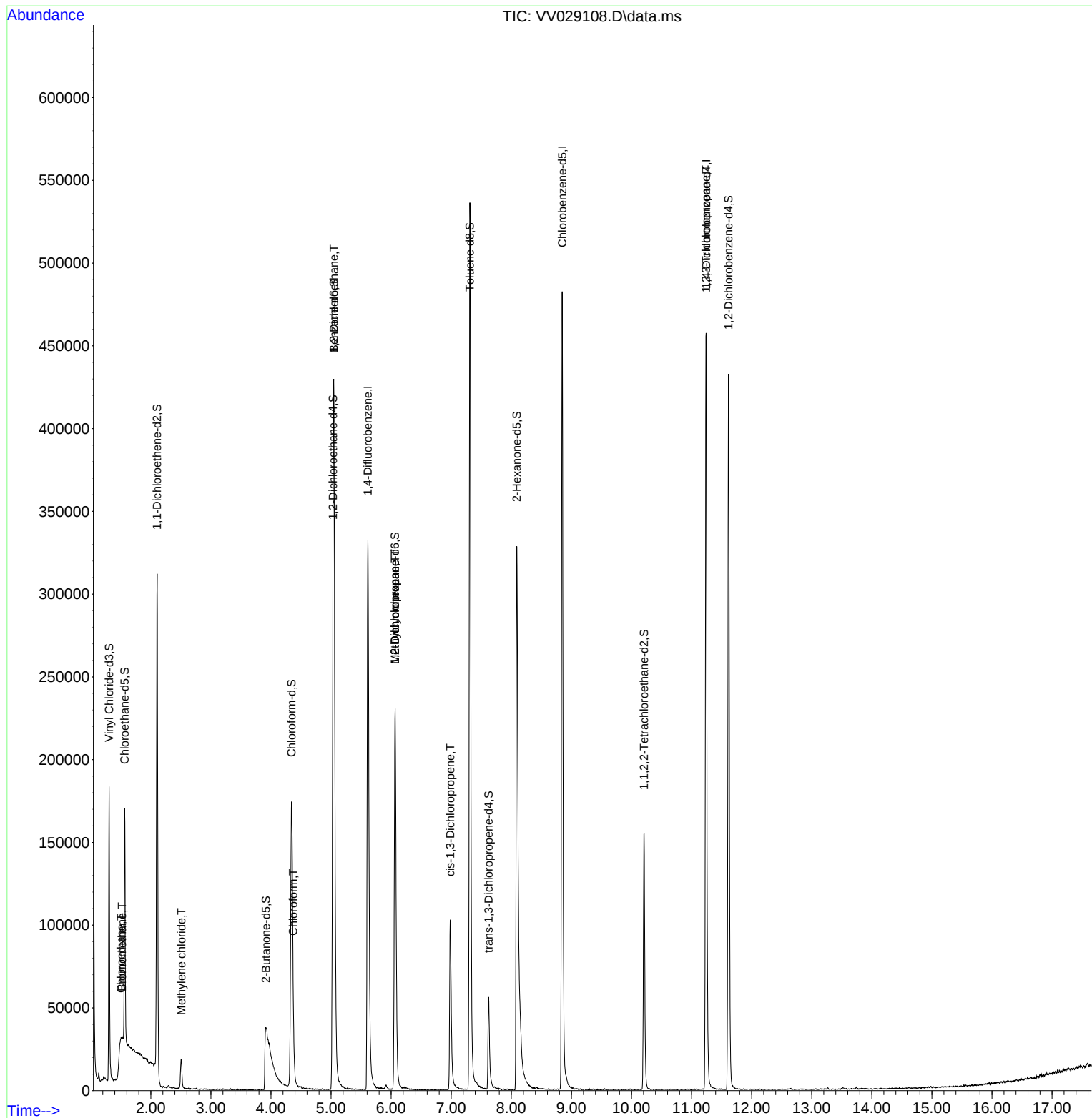
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	314642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	287625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	131482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119947	6.253	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	125.000%	
7) Chloroethane-d5	1.564	69	92811	5.504	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.000%	
11) 1,1-Dichloroethene-d2	2.105	63	155336	4.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	3.915	46	81180	25.282	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	50.560%	
24) Chloroform-d	4.342	84	191483	4.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.030	65	90847	5.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.047	84	425353	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.066	67	122023	5.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.310	98	376522	4.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.622	79	36310	4.644	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.091	63	143402	42.968	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.940%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80412	4.838	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	119709	5.089	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
6) Bromomethane	1.519	94	1051	0.071	ug/L	77
8) Chloroethane	1.503	64	43514	2.982	ug/L #	55
16) Methylene chloride	2.506	84	8192	0.333	ug/L	98
25) Chloroform	4.368	83	6312	0.167	ug/L	80
27) 1,2-Dichloroethane	5.047	62	2218	0.114	ug/L #	70
35) Methylcyclohexane	6.066	83	29300	0.741	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12484	0.616	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2599	0.092	ug/L #	68
61) 1,2,3-Trichloropropane	11.239	75	14540	1.618	ug/L #	64

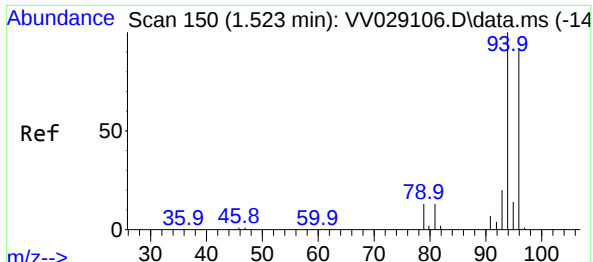
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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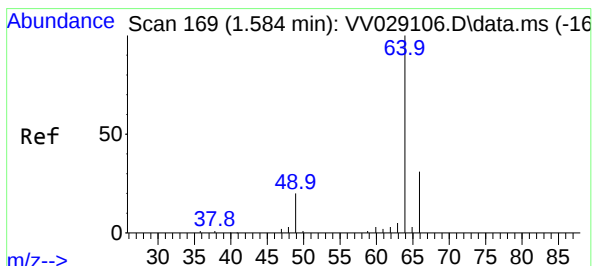
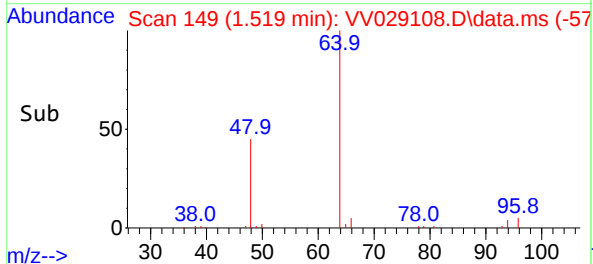
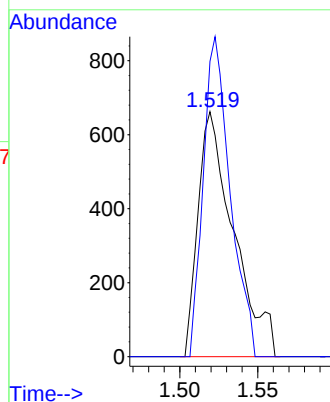
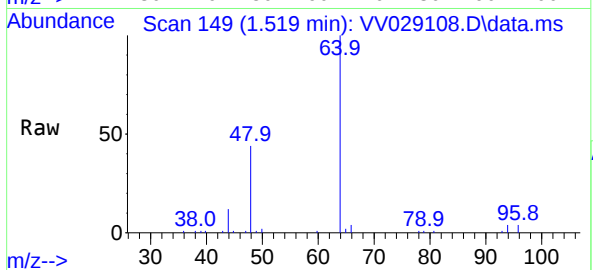




#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV029108.D
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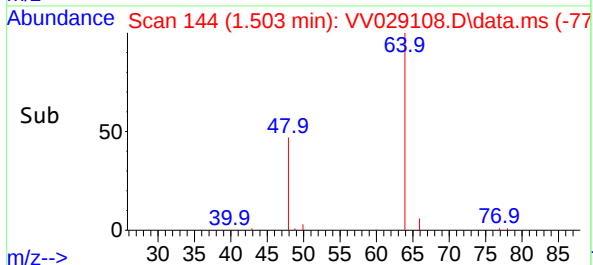
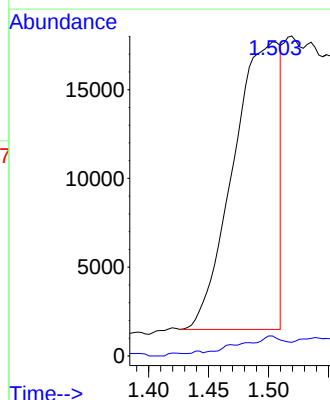
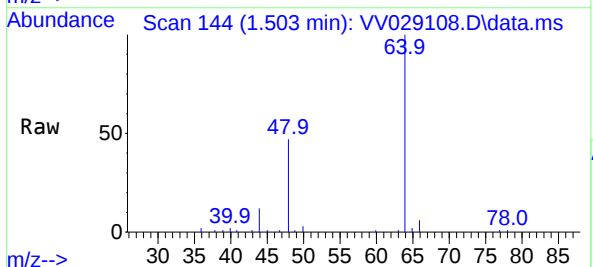
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

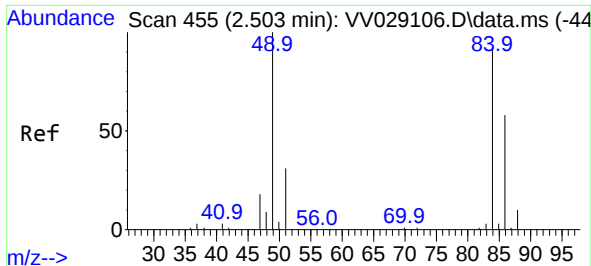
Tgt Ion: 94 Resp: 1051
Ion Ratio Lower Upper
94 100
96 120.5 68.5 127.3



#8
Chloroethane
Concen: 2.982 ug/L
RT: 1.503 min Scan# 144
Delta R.T. -0.084 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 64 Resp: 43514
Ion Ratio Lower Upper
64 100
66 6.4 22.0 40.8#

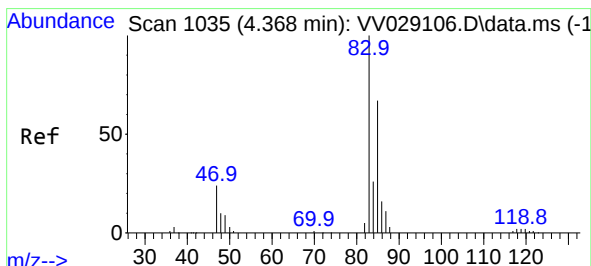
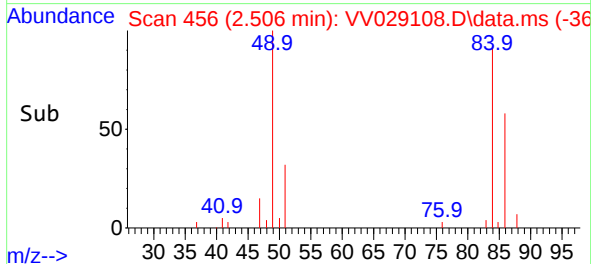
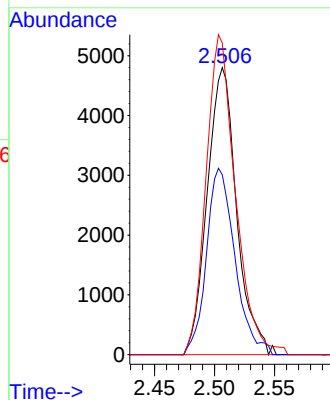
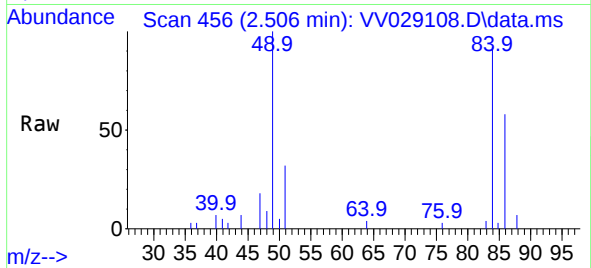




#16
Methylene chloride
Concen: 0.333 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

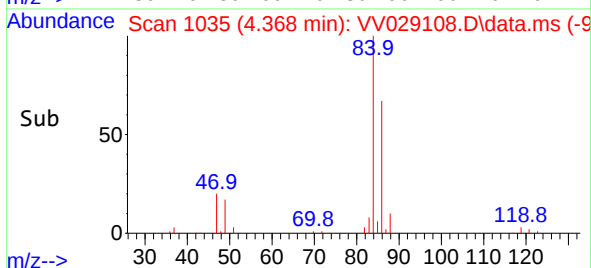
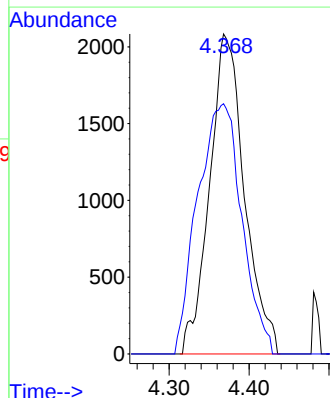
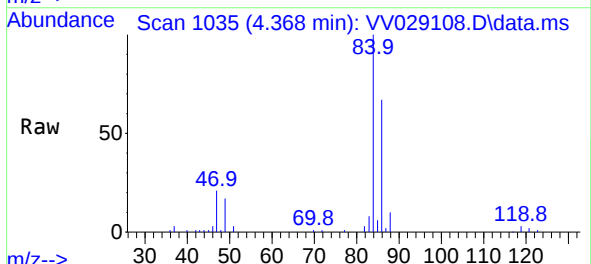
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

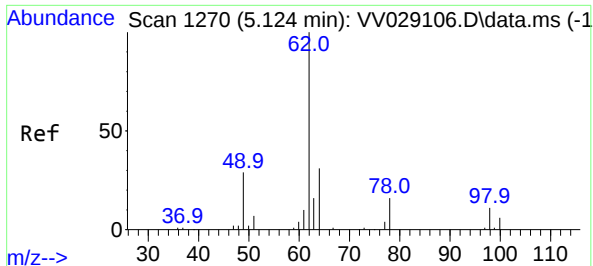
Tgt Ion: 84 Resp: 8192
Ion Ratio Lower Upper
84 100
86 62.7 45.8 85.0
49 108.6 75.5 140.1



#25
Chloroform
Concen: 0.167 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 83 Resp: 6312
Ion Ratio Lower Upper
83 100
85 78.2 43.7 81.1

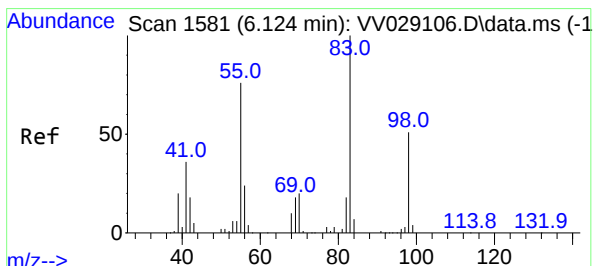
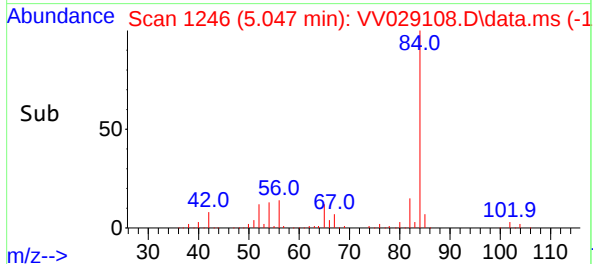
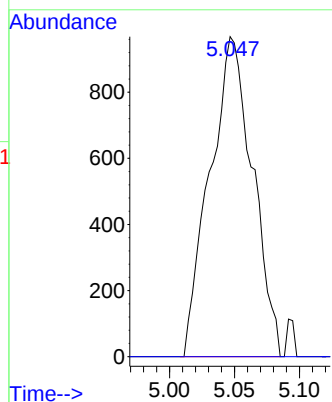
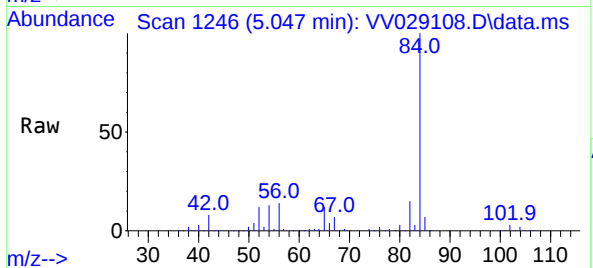




#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

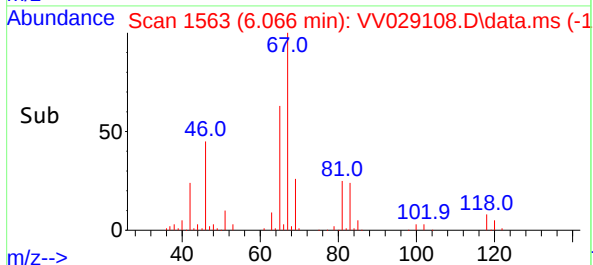
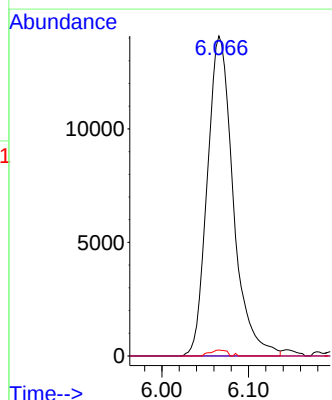
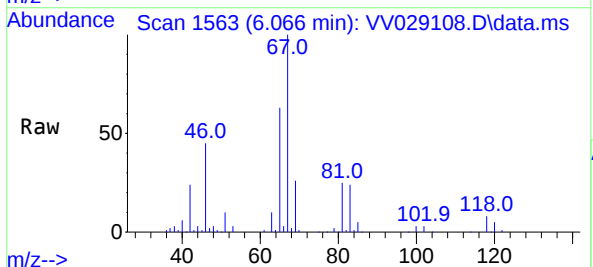
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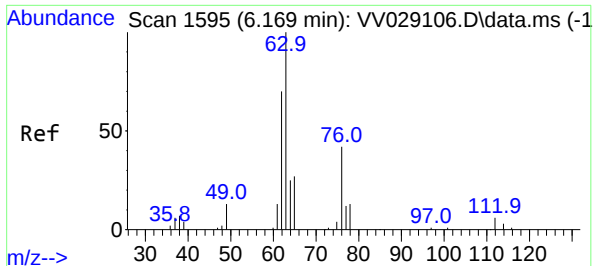
Tgt Ion: 62 Resp: 2218
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029108.D
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Tgt Ion: 83 Resp: 29300
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.2 38.2 57.2#

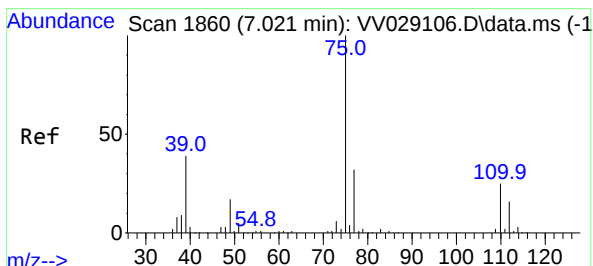
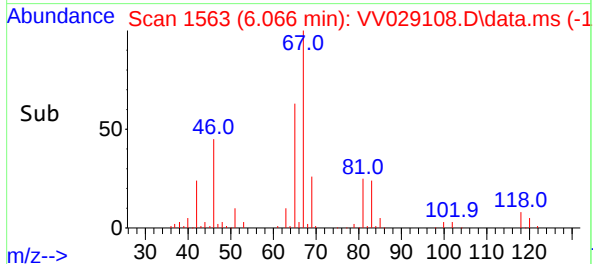
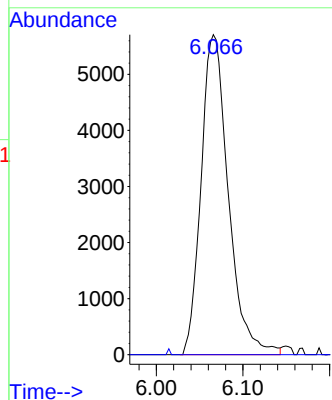
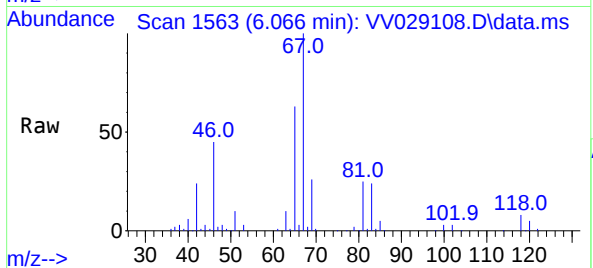




#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

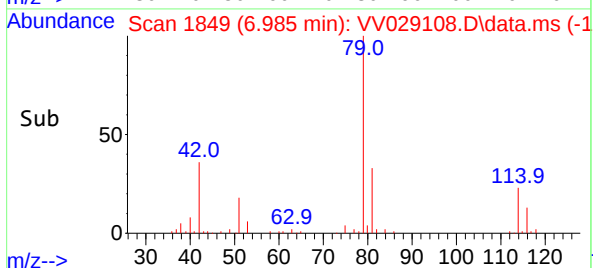
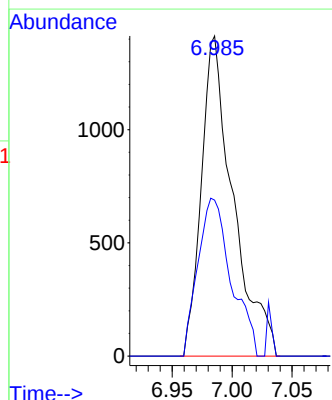
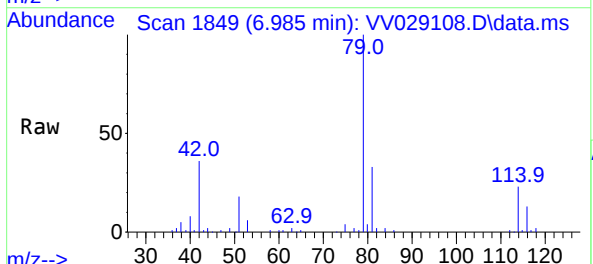
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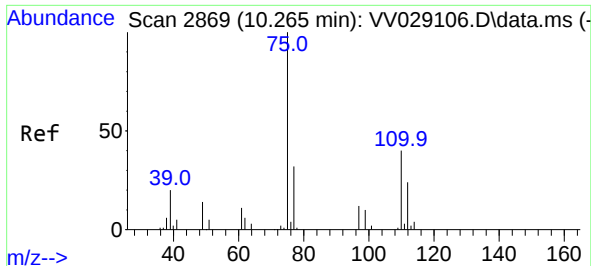
Tgt Ion: 63 Resp: 12484
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

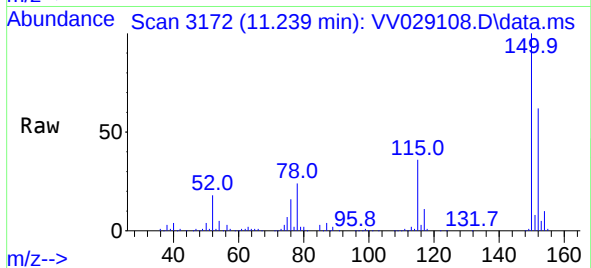
Tgt Ion: 75 Resp: 2599
Ion Ratio Lower Upper
75 100
77 48.7 21.8 40.6#





#61
1,2,3-Trichloropropane
Concen: 1.618 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.971 min
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Tgt Ion:	75	Resp:	14540
Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.2
110	2.2	32.6	48.8#

