

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029879.D
 Acq On : 16 Jan 2023 16:05
 Operator : SY/MD
 Sample : 01136-19DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W2

Quant Time: Jan 17 00:38:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	193921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	186476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56573	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.568	69	57265	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.111	63	119620	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.889	46	127189	48.787	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.580%
24) Chloroform-d	4.346	84	136488	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.027	65	59186	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.047	84	269920	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.066	67	86579	5.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.310	98	230728	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.619	79	24870	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.085	63	116834	48.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69536	5.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	93278	5.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	862	0.045	ug/L #	82
5) Vinyl chloride	1.310	62	31991	1.718	ug/L	99
8) Chloroethane	1.584	64	9564	0.846	ug/L #	60
12) 1,1-Dichloroethene	2.117	96	78134	4.719	ug/L	96
16) Methylene chloride	2.503	84	9677	0.470	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	2716	0.095	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	25585	1.662	ug/L	96
19) 1,1-Dichloroethane	3.188	63	141770	5.506	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	18769	1.144	ug/L	92
25) Chloroform	4.368	83	4199	0.150	ug/L	99
27) 1,2-Dichloroethane	5.137	62	3022	0.222	ug/L #	93
34) Trichloroethene	5.911	95	89722	5.742	ug/L	99
35) Methylcyclohexane	6.066	83	20396	0.773	ug/L #	20
47) Tetrachloroethene	7.972	164	808	0.061	ug/L	88
49) Dibromochloromethane	7.969	129	667	0.055	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	10379	1.451	ug/L #	66

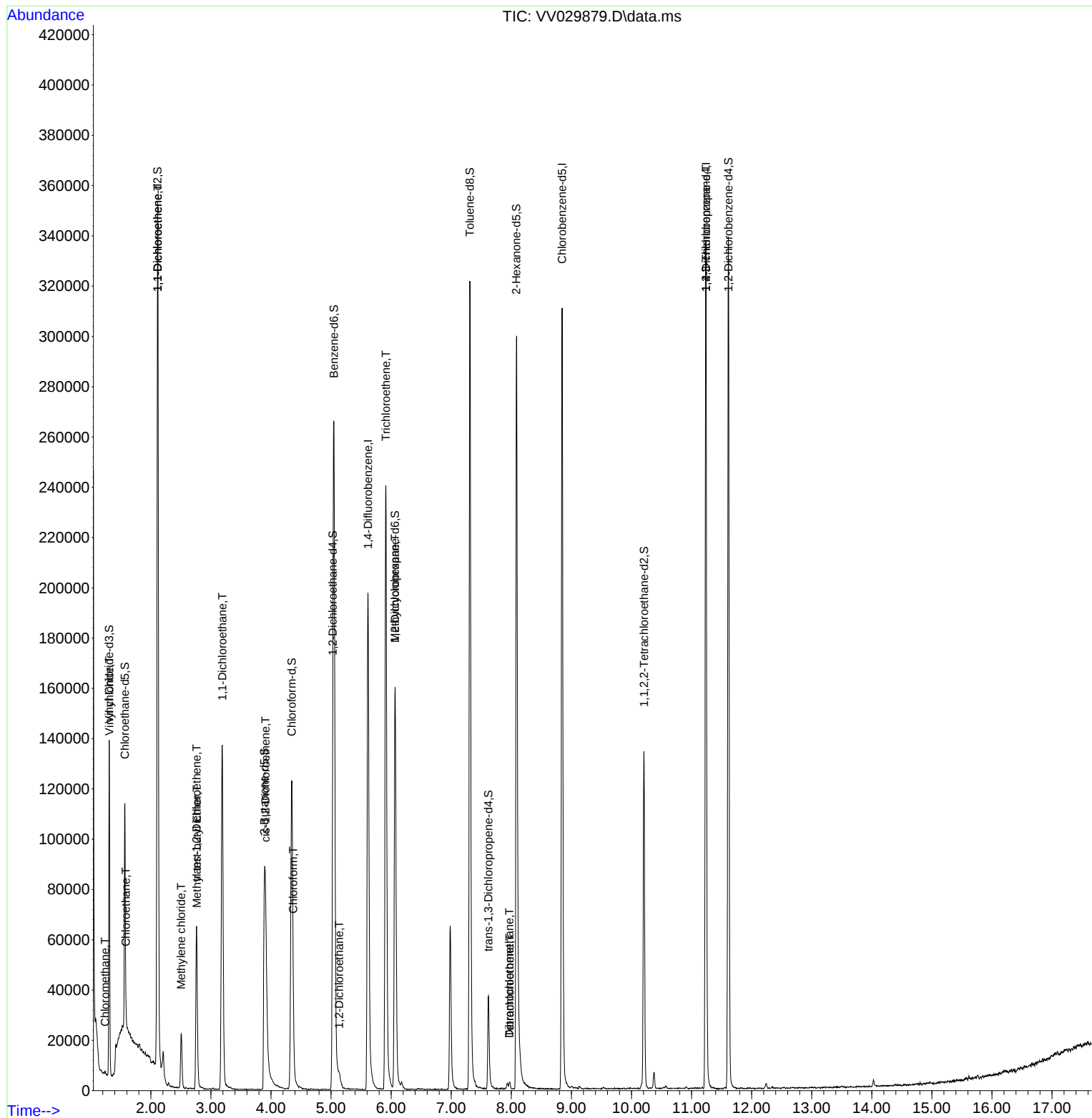
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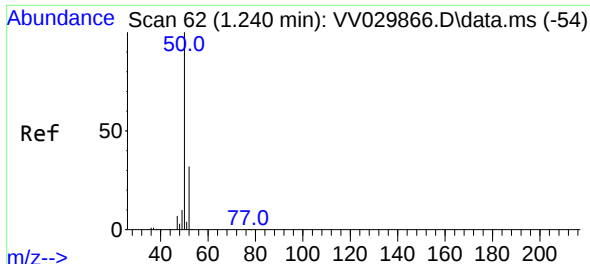
Instrument :
MSVOA_V
ClientSampleId :
BH1W2

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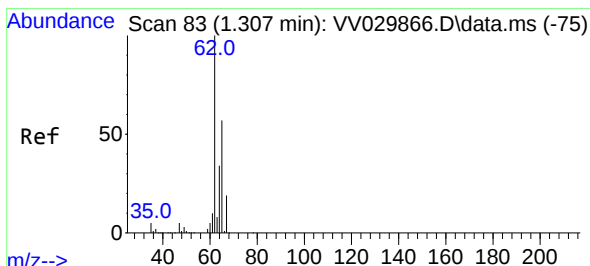
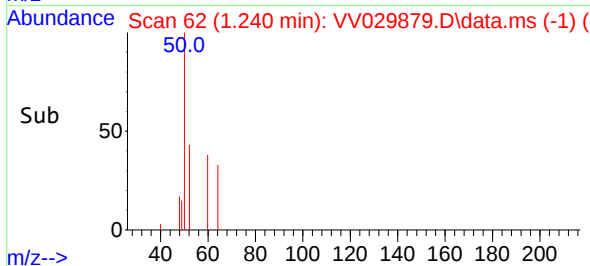
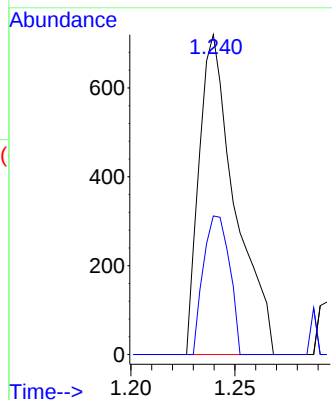
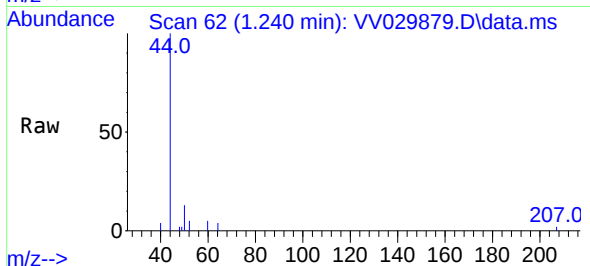




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

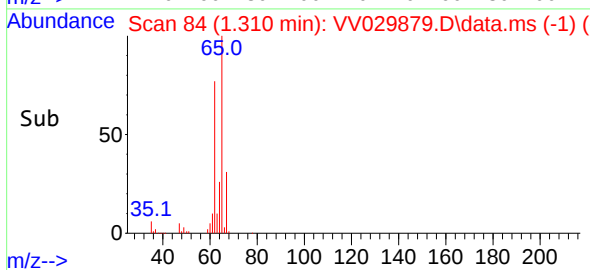
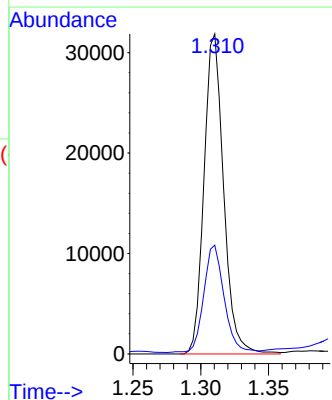
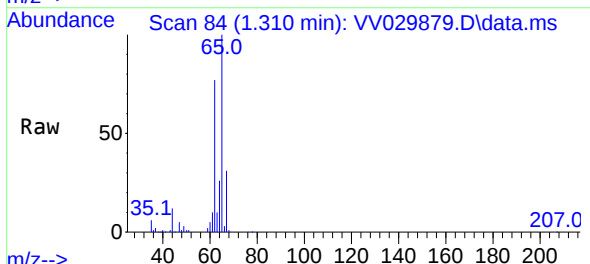
Instrument :
MSVOA_V
ClientSampleId :
BH1W2

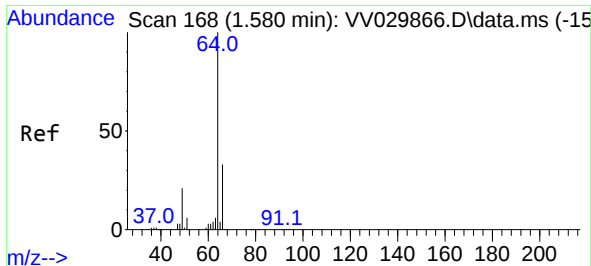
Tgt Ion: 50 Resp: 862
Ion Ratio Lower Upper
50 100
52 43.3 23.1 42.9#



#5
Vinyl chloride
Concen: 1.718 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 62 Resp: 31991
Ion Ratio Lower Upper
62 100
64 34.0 23.2 43.2

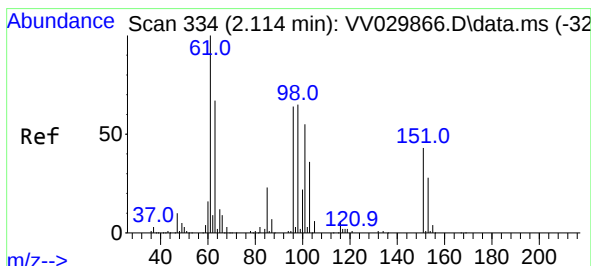
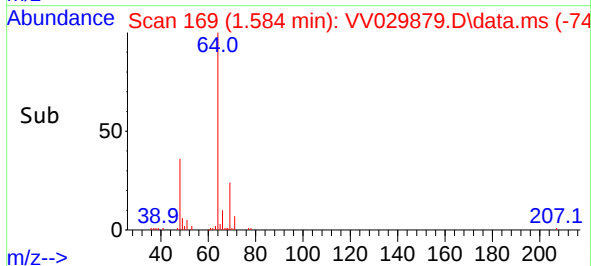
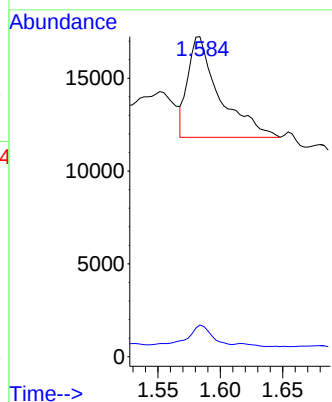
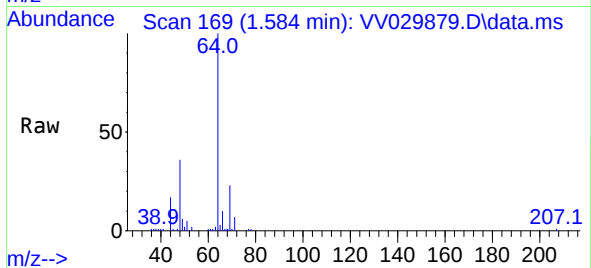




#8
Chloroethane
Concen: 0.846 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

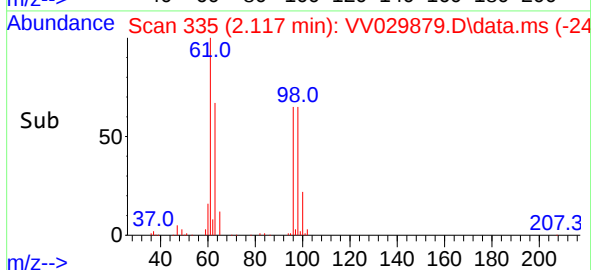
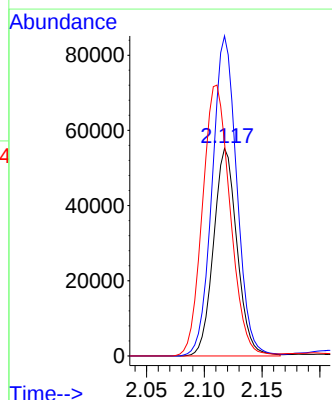
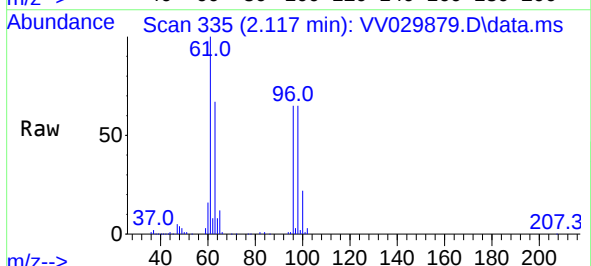
Instrument :
MSVOA_V
ClientSampleId :
BH1W2

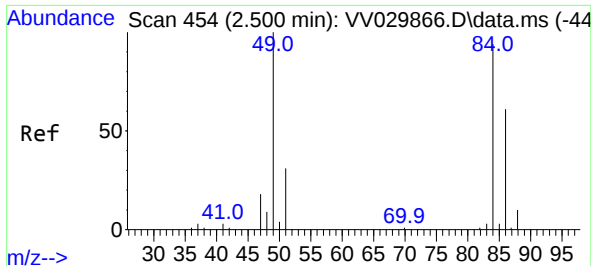
Tgt Ion: 64 Resp: 9564
Ion Ratio Lower Upper
64 100
66 9.9 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 4.719 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 96 Resp: 78134
Ion Ratio Lower Upper
96 100
61 154.2 106.1 197.1
63 102.7 76.4 141.8



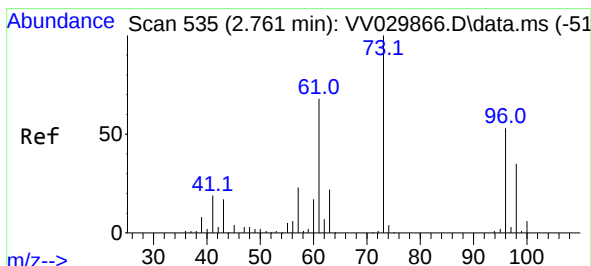
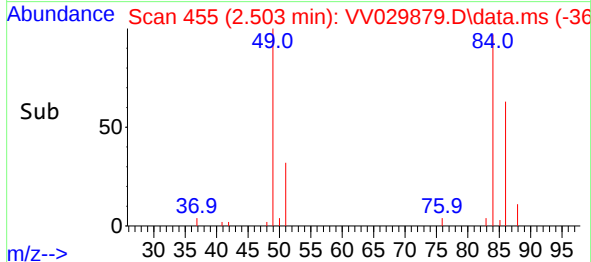
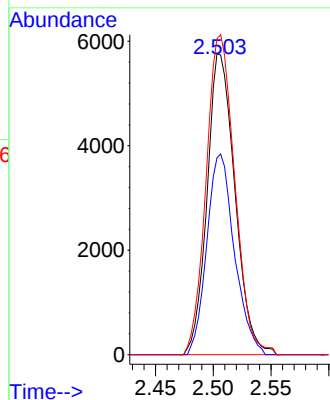
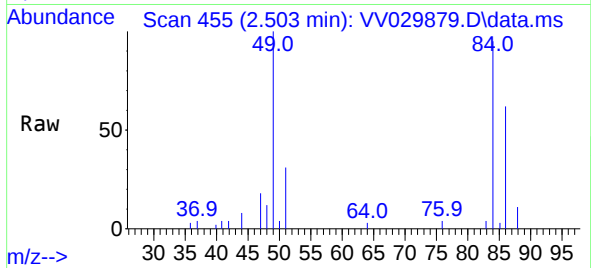


#16
Methylene chloride
Concen: 0.470 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion: 84 Resp: 9677

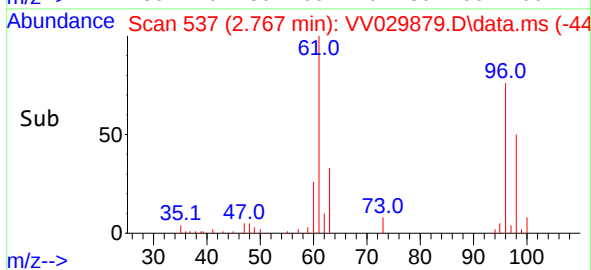
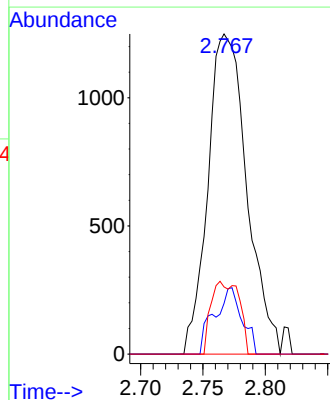
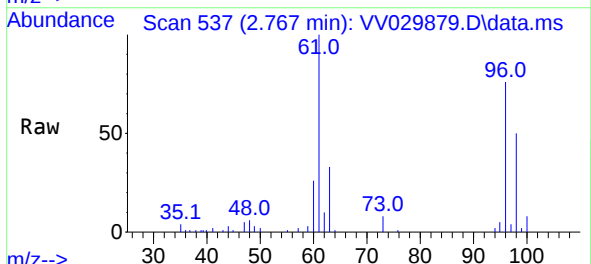
Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.0	83.6
49	105.0	71.5	132.7

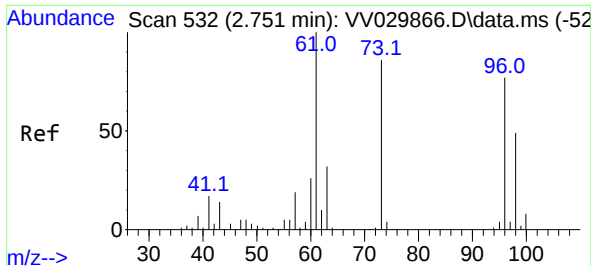


#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 73 Resp: 2716

Ion	Ratio	Lower	Upper
73	100		
43	14.9	13.0	19.4
57	16.4	17.1	25.7

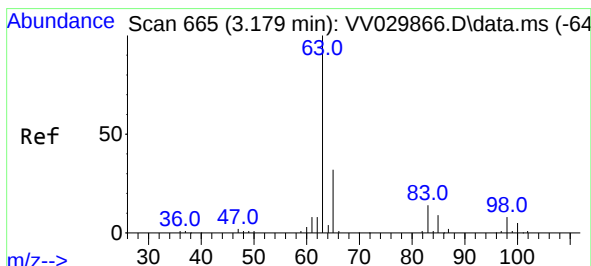
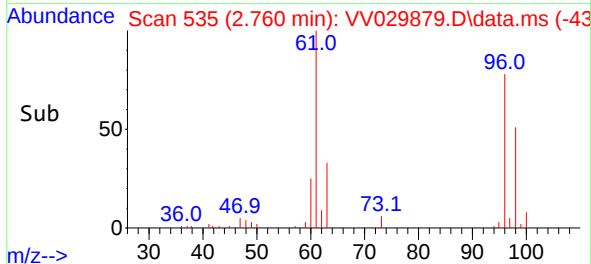
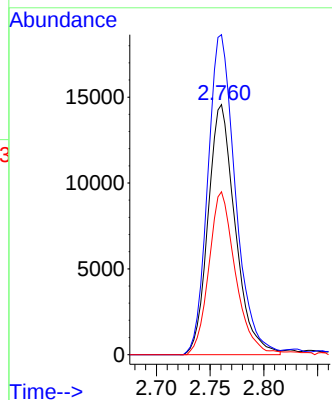
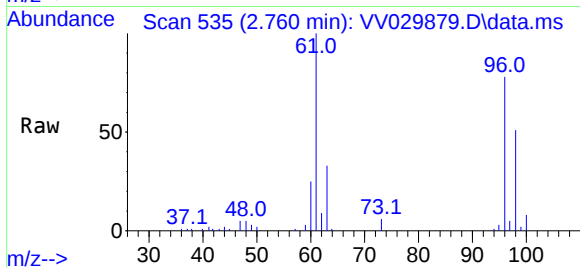




#18
trans-1,2-Dichloroethene
Concen: 1.662 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

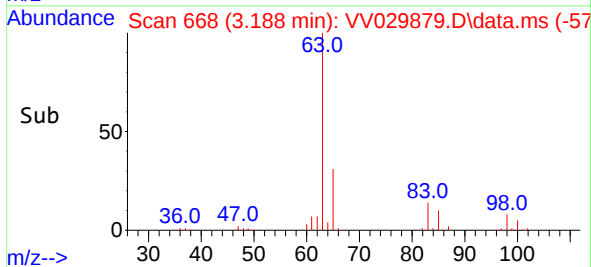
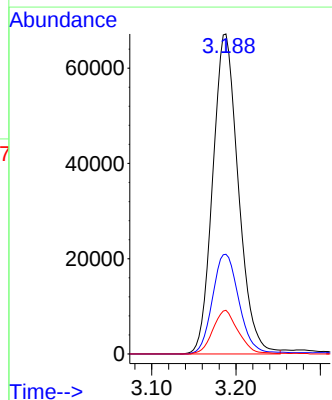
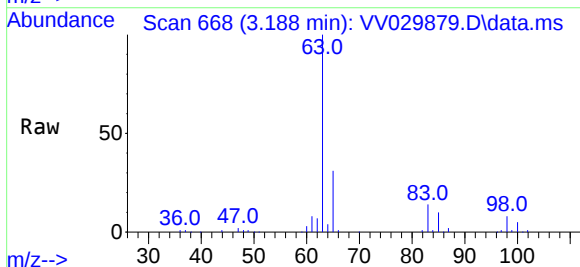
Instrument :
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ClientSampleId :
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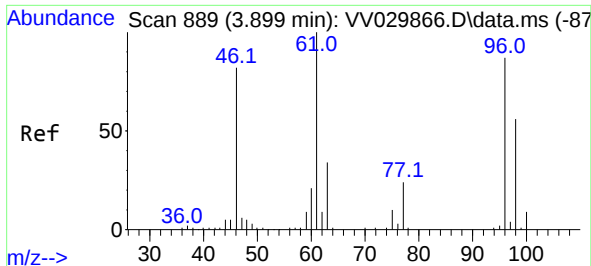
Tgt Ion: 96 Resp: 25585
Ion Ratio Lower Upper
96 100
61 128.0 86.1 159.9
98 65.1 43.9 81.5



#19
1,1-Dichloroethane
Concen: 5.506 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 63 Resp: 141770
Ion Ratio Lower Upper
63 100
65 31.1 22.4 41.6
83 13.6 10.2 19.0

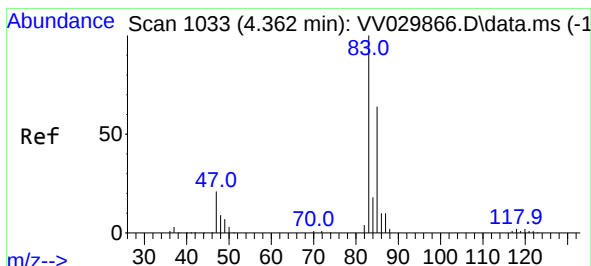
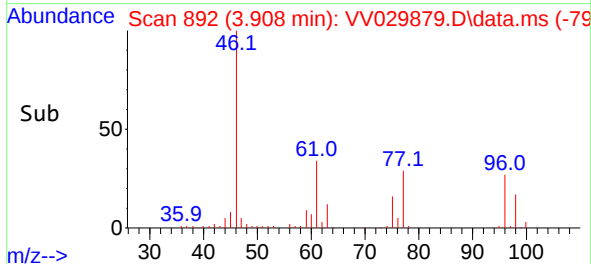
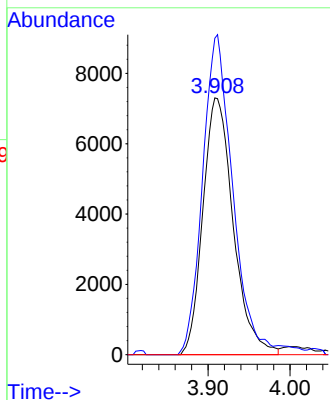
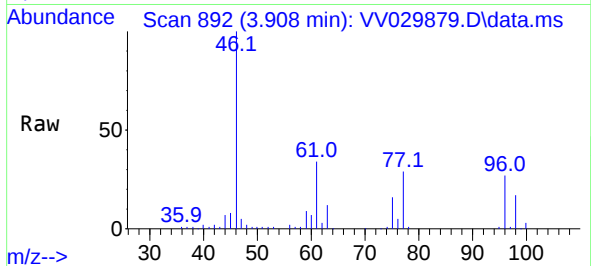




#22
cis-1,2-Dichloroethene
Concen: 1.144 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

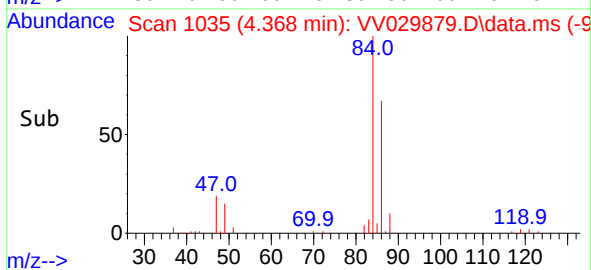
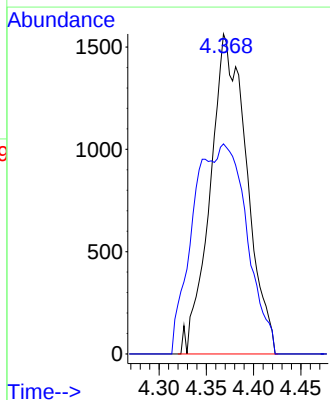
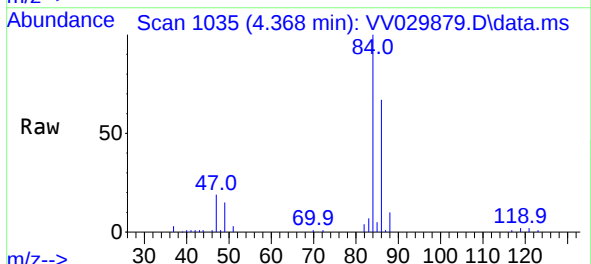
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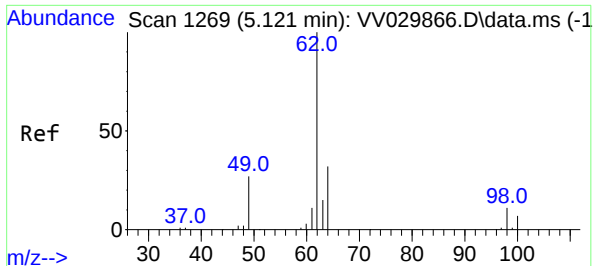
Tgt Ion: 96 Resp: 18769
Ion Ratio Lower Upper
96 100
61 123.2 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.150 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 83 Resp: 4199
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.5

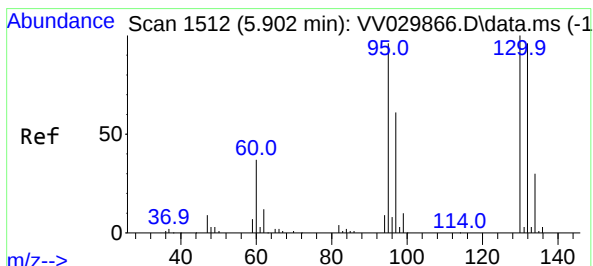
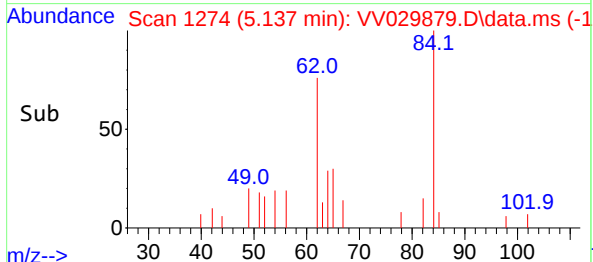
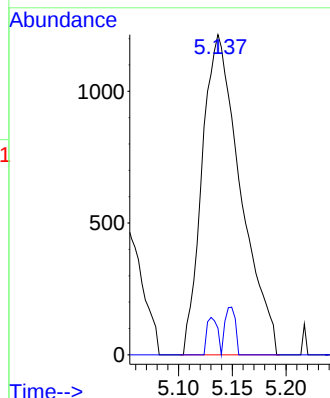
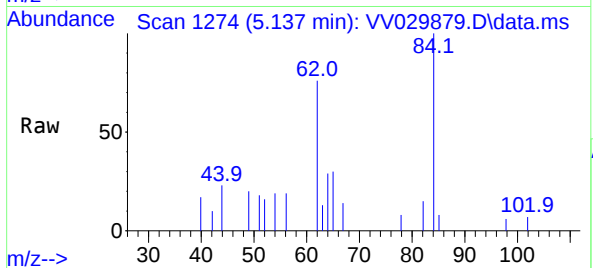




#27
1,2-Dichloroethane
Concen: 0.222 ug/L
RT: 5.137 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

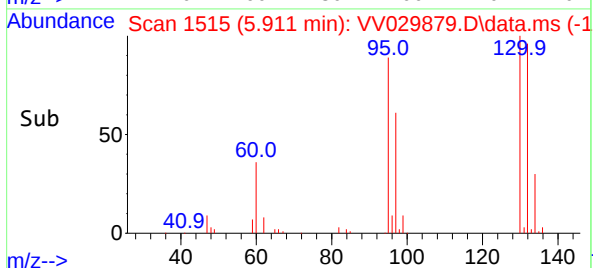
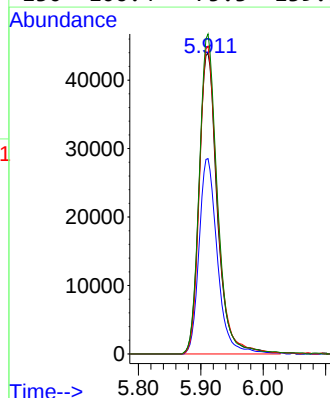
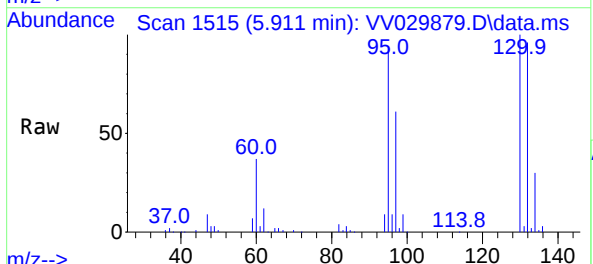
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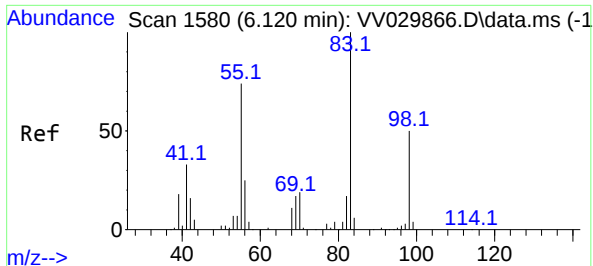
Tgt Ion: 62 Resp: 3022
Ion Ratio Lower Upper
62 100
98 8.3 8.9 13.3#



#34
Trichloroethene
Concen: 5.742 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 95 Resp: 89722
Ion Ratio Lower Upper
95 100
97 64.9 44.9 83.3
132 102.4 71.8 133.4
130 106.4 75.3 139.8





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV029879.D

Acq: 16 Jan 2023 16:05

Instrument :

MSVOA_V

ClientSampleId :

BH1W2

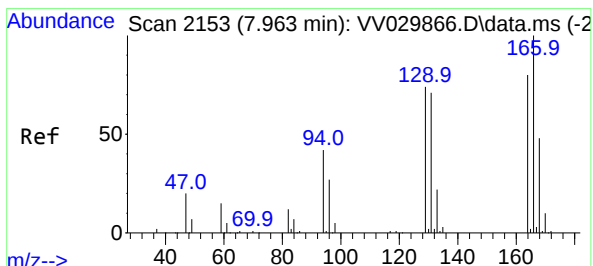
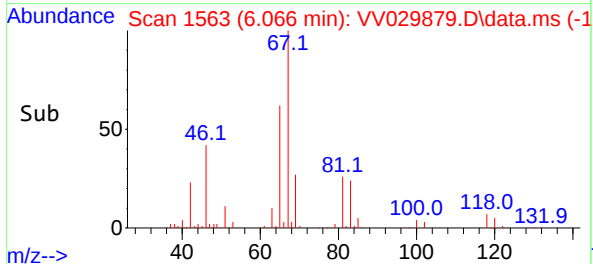
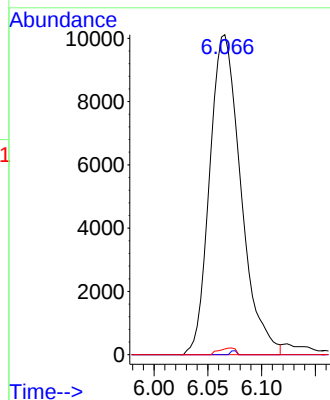
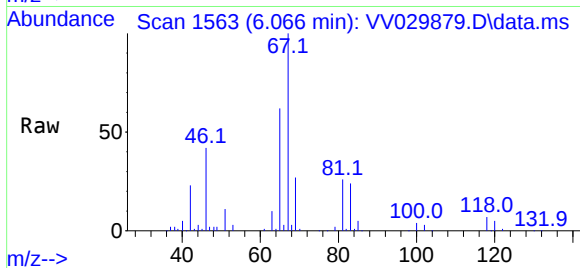
Tgt Ion: 83 Resp: 20396

Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 1.1 39.0 58.6#



#47

Tetrachloroethene

Concen: 0.061 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV029879.D

Acq: 16 Jan 2023 16:05

Tgt Ion:164 Resp: 808

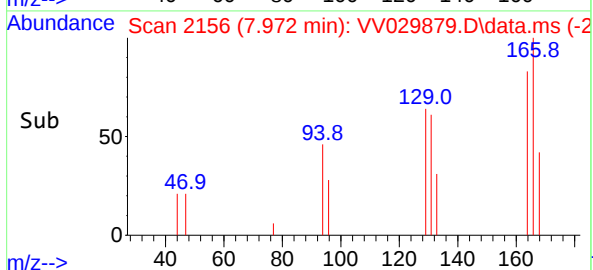
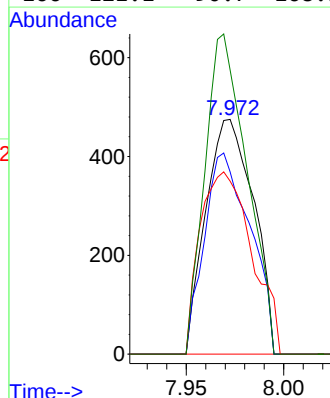
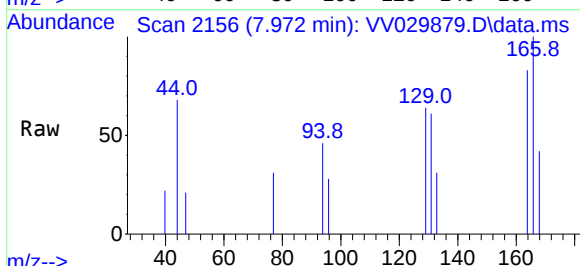
Ion Ratio Lower Upper

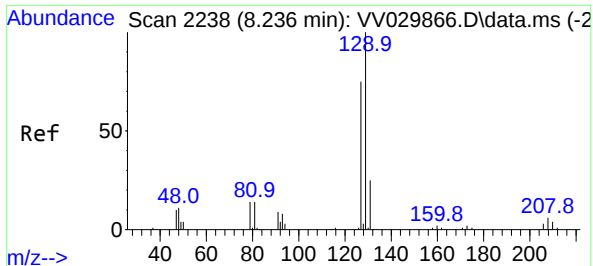
164 100

129 77.7 64.5 119.7

131 73.7 62.9 116.7

166 121.1 90.7 168.5





#49

Dibromochloromethane

Concen: 0.055 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029879.D

Acq: 16 Jan 2023 16:05

Instrument :

MSVOA_V

ClientSampleId :

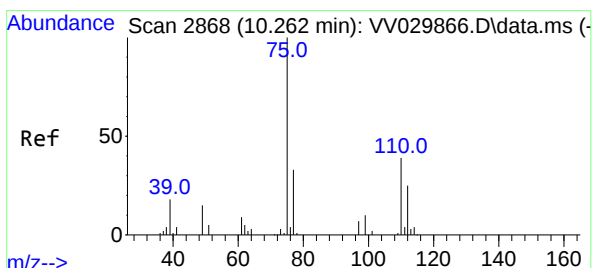
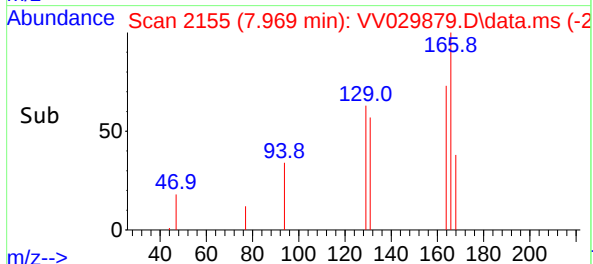
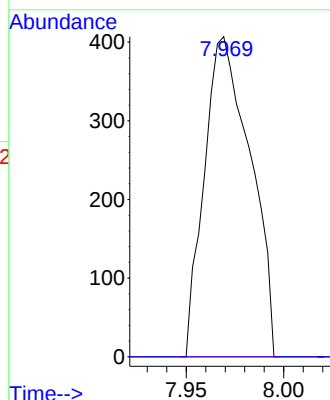
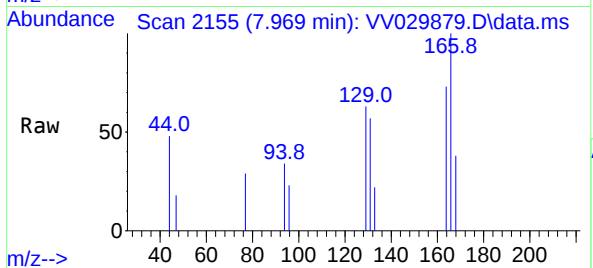
BH1W2

Tgt Ion:129 Resp: 667

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.451 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.977 min

Lab File: VV029879.D

Acq: 16 Jan 2023 16:05

Tgt Ion: 75 Resp: 10379

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 1.8 31.8 47.8#

