

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028986.D
 Acq On : 15 Nov 2022 14:06
 Operator : SY/MD
 Sample : N5621-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB9

Quant Time: Nov 16 03:18:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	272255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	120437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48793	2.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.568	69	51381	3.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.105	63	72496	2.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	3.899	46	107239	38.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.200%
24) Chloroform-d	4.342	84	141005	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.031	65	66331	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.047	84	278764	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.066	67	87878	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.313	98	241240	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.622	79	23408	3.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.088	63	130120	45.148	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.300%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65747	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	90443	4.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1289	0.068	ug/L	86
6) Bromomethane	1.523	94	1183	0.092	ug/L	77
8) Chloroethane	1.490	64	28225	2.236	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	3854	0.234	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1157	0.061	ug/L	85
19) 1,1-Dichloroethane	3.188	63	27456	0.879	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	261008	13.431	ug/L	93
25) Chloroform	4.368	83	2686	0.082	ug/L #	63
29) 1,1,1-Trichloroethane	4.606	97	12945	0.444	ug/L	98
31) Carbon tetrachloride	4.603	117	1755	0.070	ug/L	95
34) Trichloroethene	5.905	95	746827	38.434	ug/L	98
35) Methylcyclohexane	6.066	83	22148	0.649	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	9188	0.525	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1645	0.067	ug/L #	52
49) Dibromochloromethane	7.976	129	341	0.025	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11749	1.428	ug/L #	66

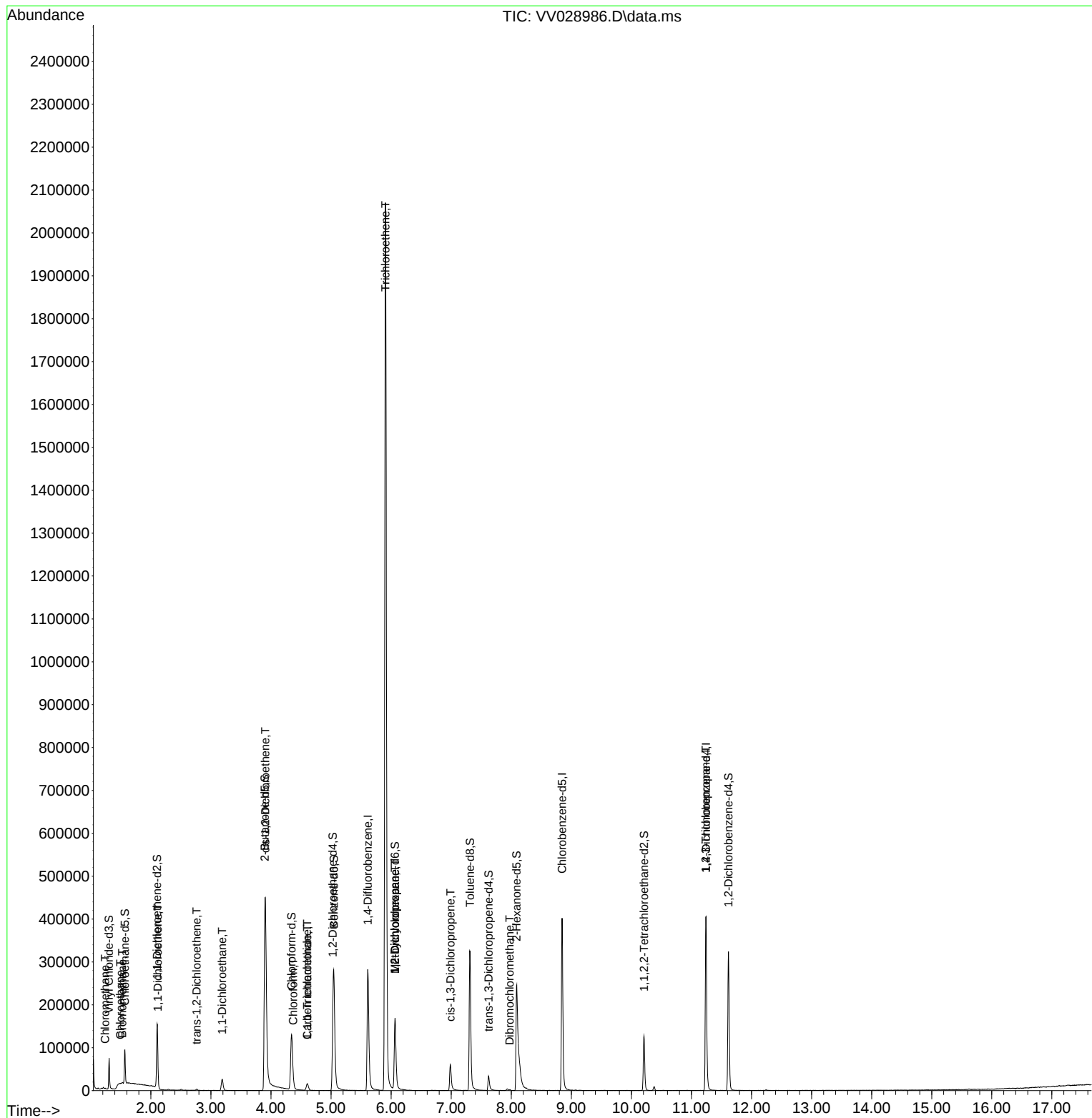
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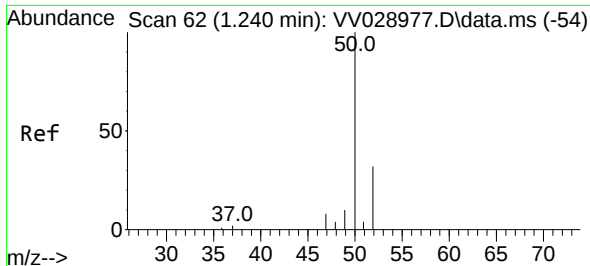
Instrument :
MSVOA_V
ClientSampleId :
BGCB9

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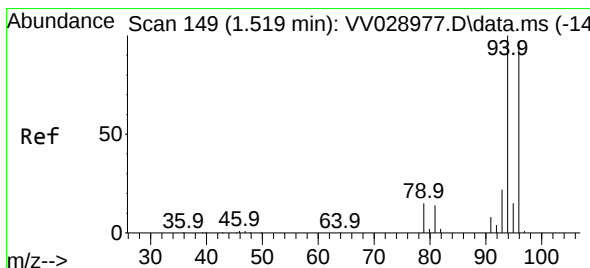
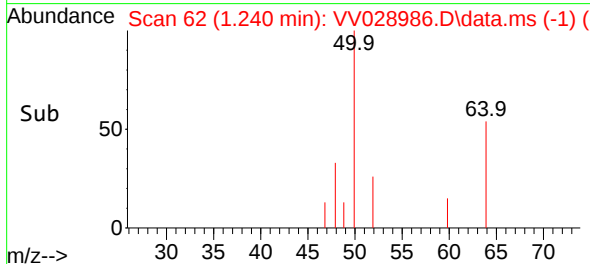
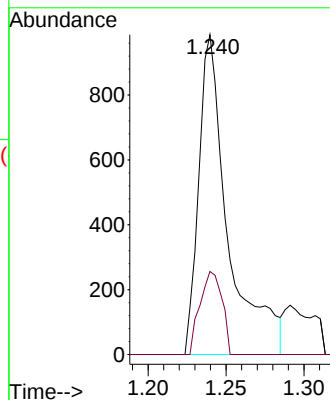
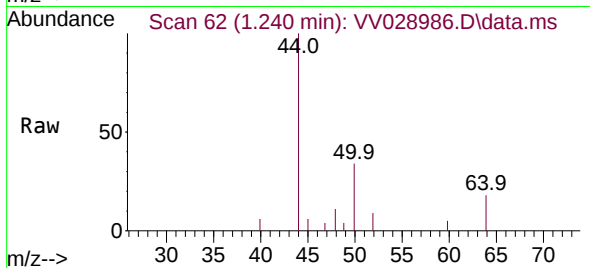




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028986.D
Acq: 15 Nov 2022 14:06

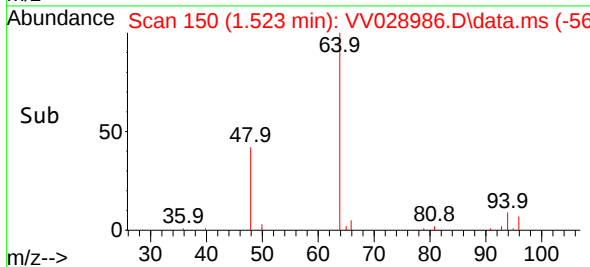
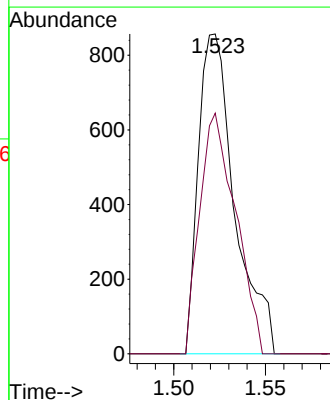
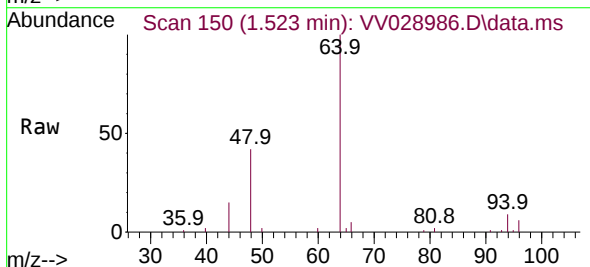
Instrument :
MSVOA_V
ClientSampleId :
BGCB9

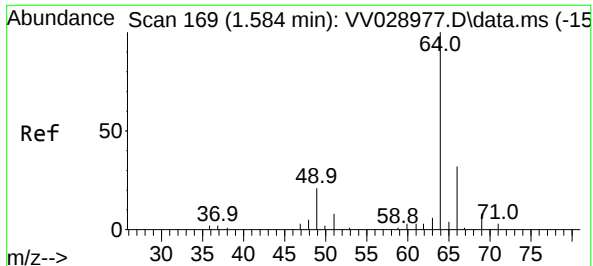
Tgt Ion: 50 Resp: 1289
Ion Ratio Lower Upper
50 100
52 26.0 23.7 43.9



#6
Bromomethane
Concen: 0.092 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028986.D
Acq: 15 Nov 2022 14:06

Tgt Ion: 94 Resp: 1183
Ion Ratio Lower Upper
94 100
96 75.3 68.5 127.3

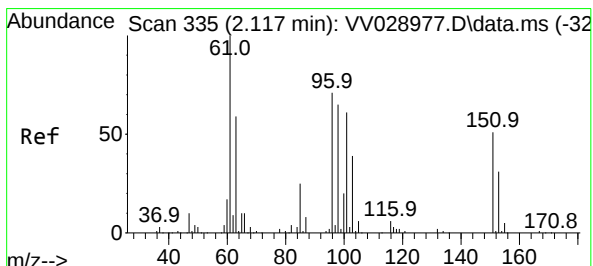
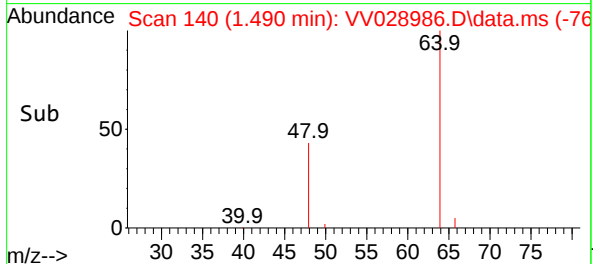
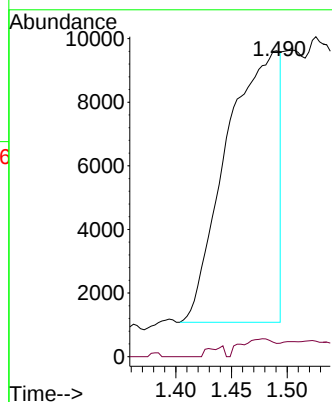
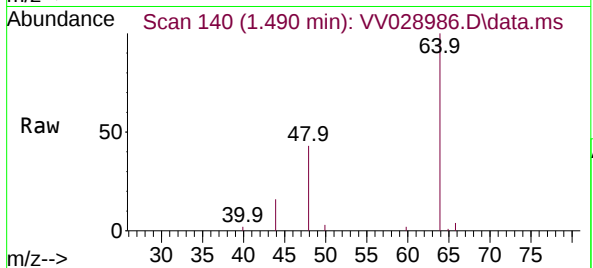




#8
Chloroethane
Concen: 2.236 ug/L
RT: 1.490 min Scan# 14
Delta R.T. -0.093 min
Lab File: VV028986.D
Acq: 15 Nov 2022 14:06

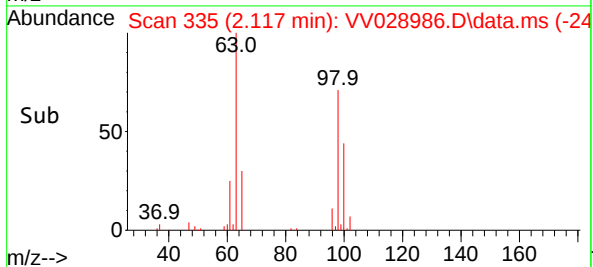
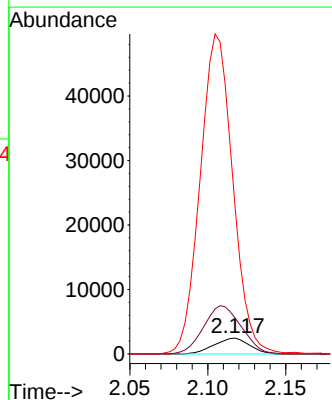
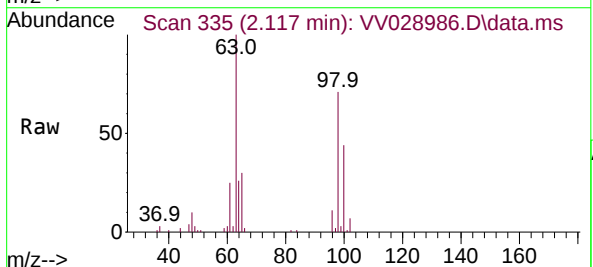
Instrument :
MSVOA_V
ClientSampleId :
BGCB9

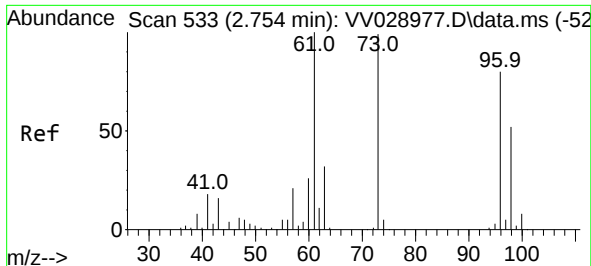
Tgt Ion: 64 Resp: 28225
Ion Ratio Lower Upper
64 100
66 4.3 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.234 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV028986.D
Acq: 15 Nov 2022 14:06

Tgt Ion: 96 Resp: 3854
Ion Ratio Lower Upper
96 100
61 227.5 104.2 193.4#
63 926.0 75.9 140.9#



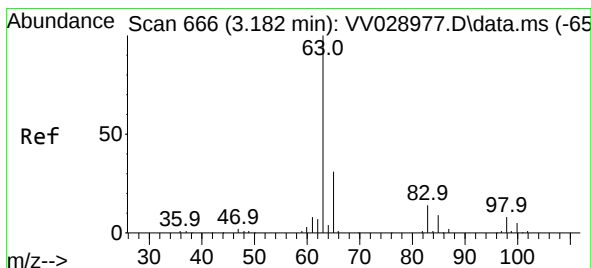
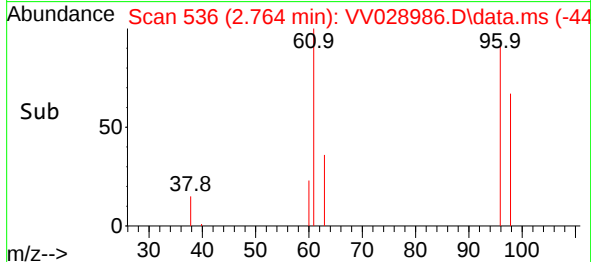
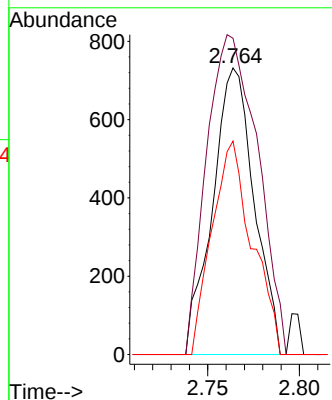
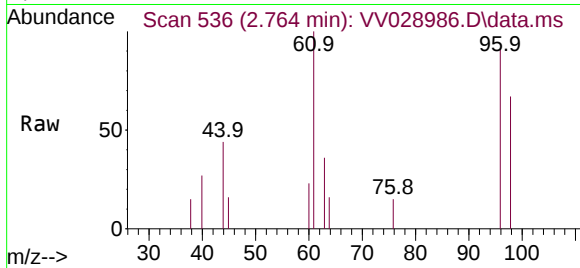


#18
 trans-1,2-Dichloroethene
 Concen: 0.061 ug/L
 RT: 2.764 min Scan# 511
 Delta R.T. 0.010 min
 Lab File: VV028986.D
 Acq: 15 Nov 2022 14:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB9

Tgt Ion: 96 Resp: 1157

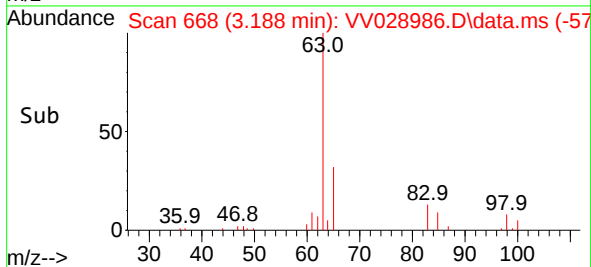
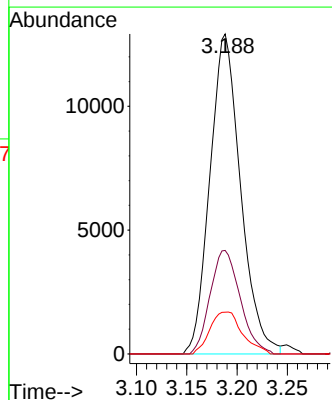
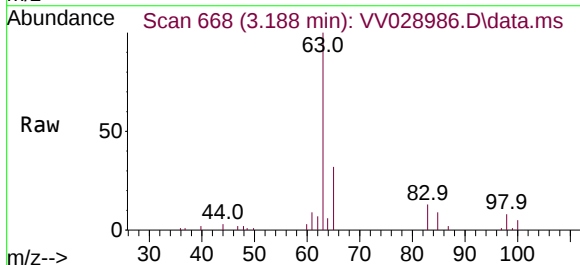
Ion	Ratio	Lower	Upper
96	100		
61	110.4	91.8	170.6
98	74.5	46.4	86.2

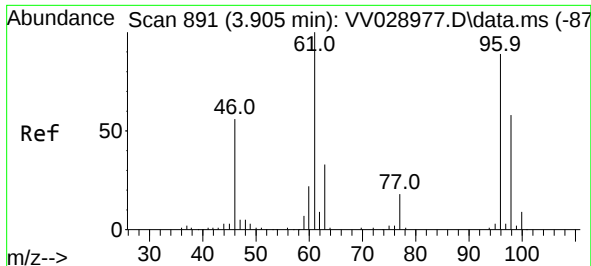


#19
 1,1-Dichloroethane
 Concen: 0.879 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.006 min
 Lab File: VV028986.D
 Acq: 15 Nov 2022 14:06

Tgt Ion: 63 Resp: 27456

Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.0	42.6
83	13.0	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 13.431 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BGCB9

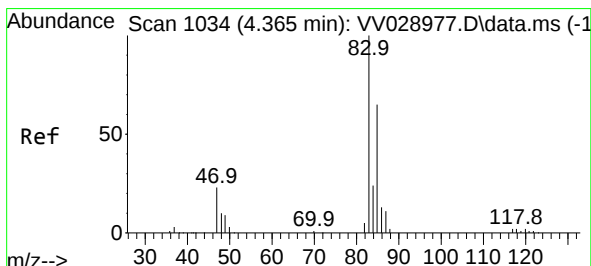
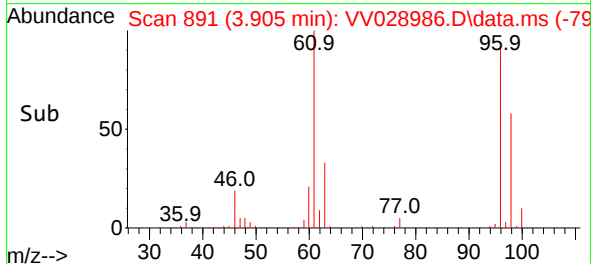
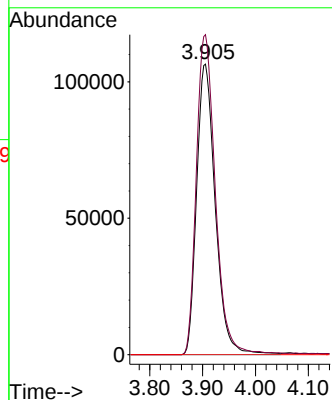
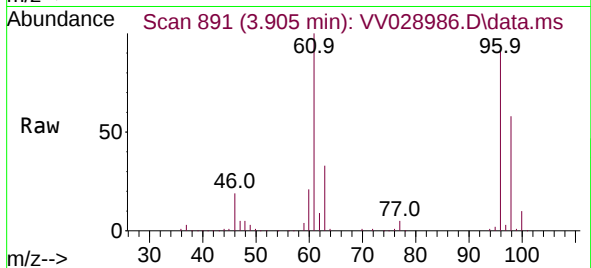
Tgt Ion: 96 Resp: 261008

Ion Ratio Lower Upper

96 100

61 110.1 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.082 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028986.D

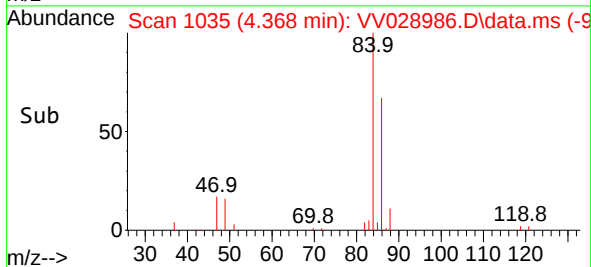
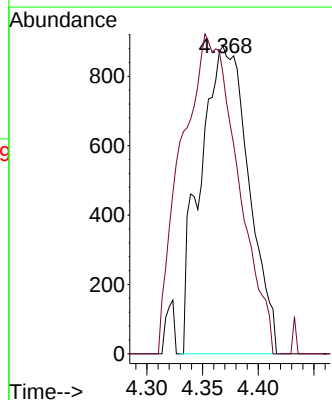
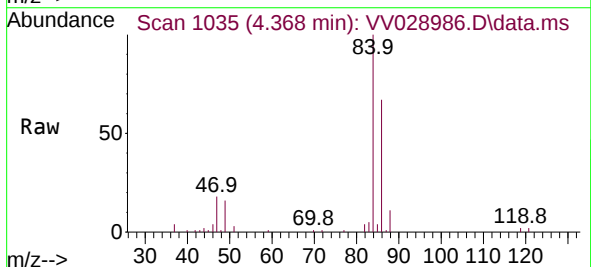
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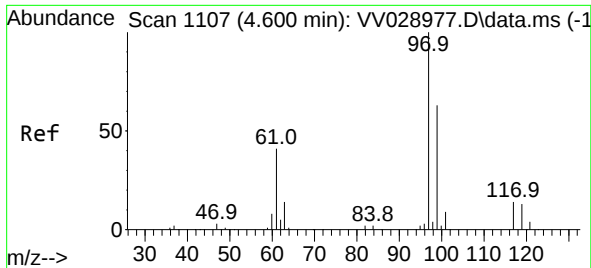
Tgt Ion: 83 Resp: 2686

Ion Ratio Lower Upper

83 100

85 91.0 43.7 81.1#





#29

1,1,1-Trichloroethane

Concen: 0.444 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

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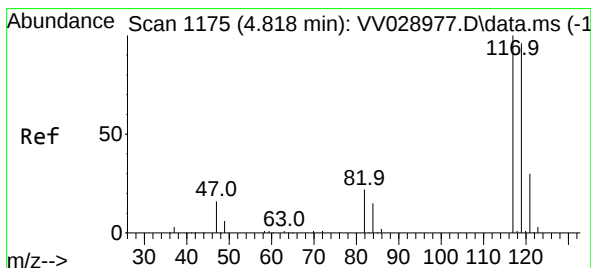
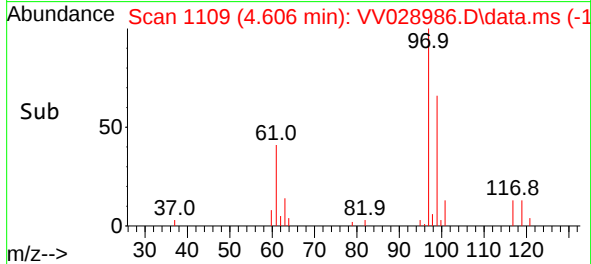
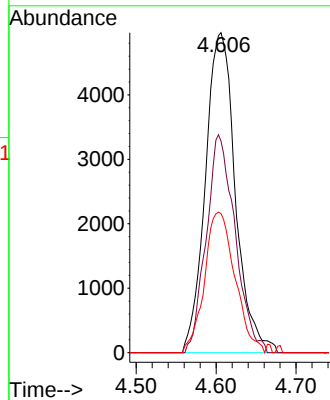
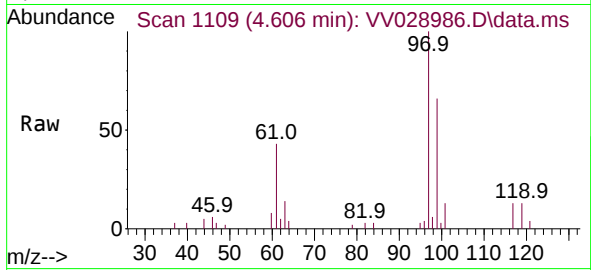
Tgt Ion: 97 Resp: 12945

Ion Ratio Lower Upper

97 100

99 65.6 52.7 79.1

61 44.6 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.070 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.215 min

Lab File: VV028986.D

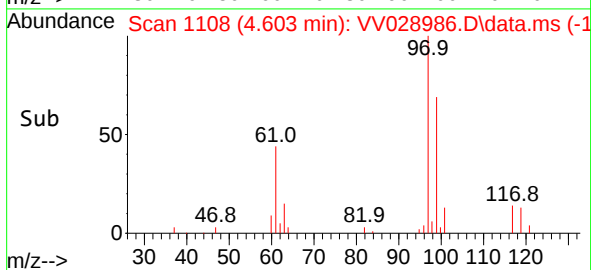
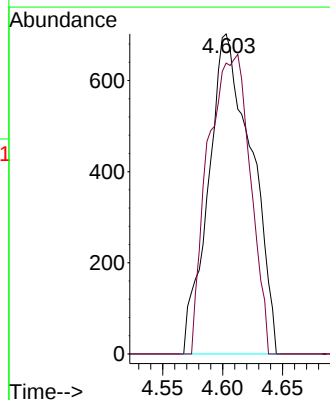
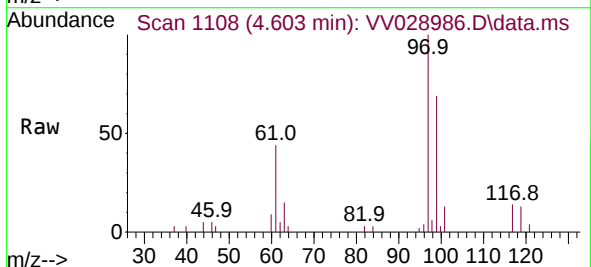
Acq: 15 Nov 2022 14:06

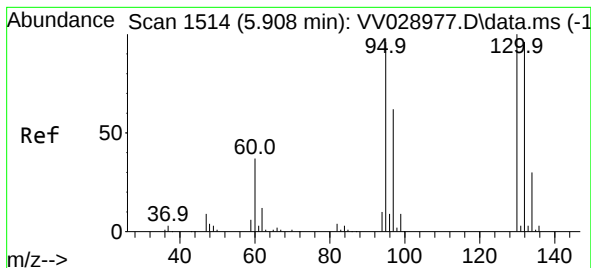
Tgt Ion: 117 Resp: 1755

Ion Ratio Lower Upper

117 100

119 91.2 77.0 115.6





#34

Trichloroethene

Concen: 38.434 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Instrument :

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Tgt Ion: 95 Resp: 746827

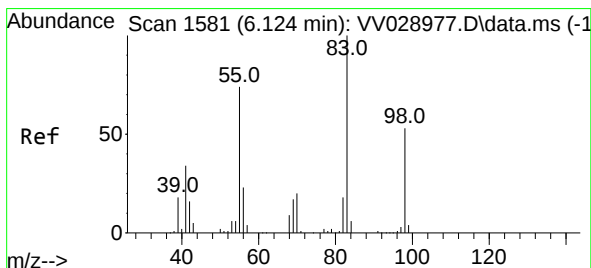
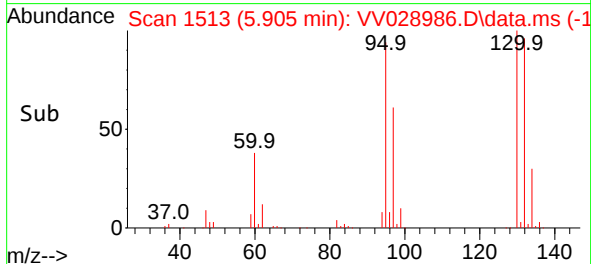
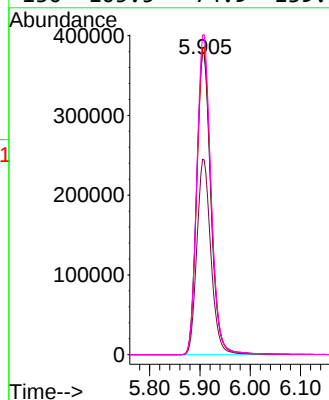
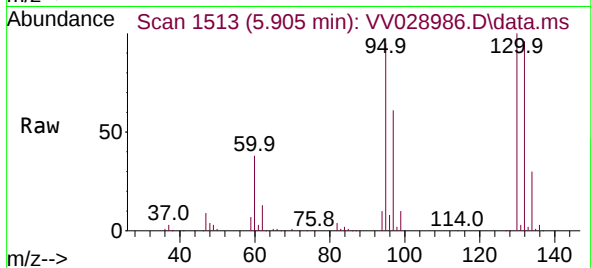
Ion Ratio Lower Upper

95 100

97 64.5 45.6 84.8

132 101.1 69.1 128.3

130 105.5 74.9 139.1



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

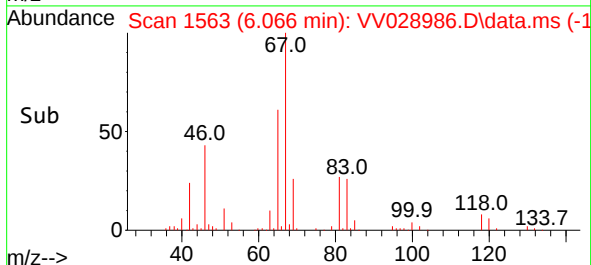
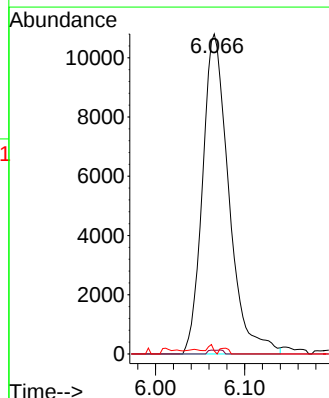
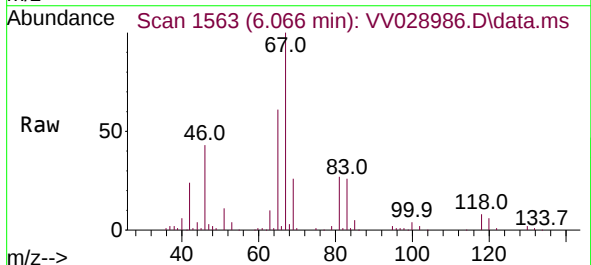
Tgt Ion: 83 Resp: 22148

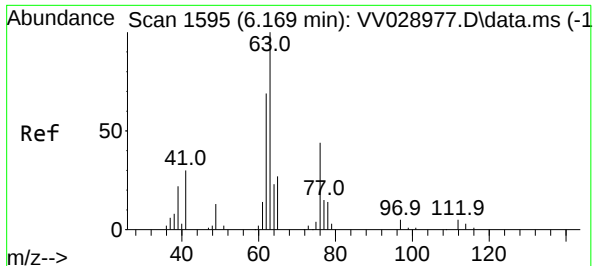
Ion Ratio Lower Upper

83 100

55 0.7 55.8 83.6#

98 3.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

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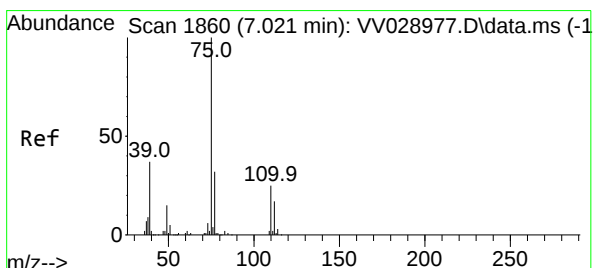
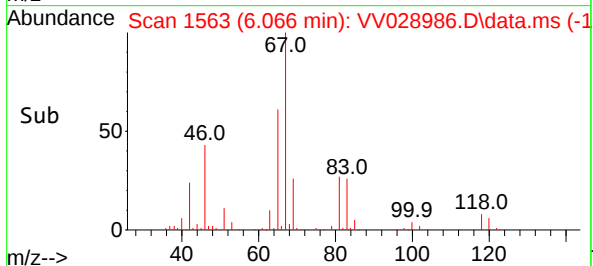
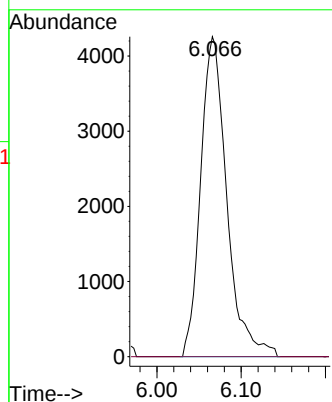
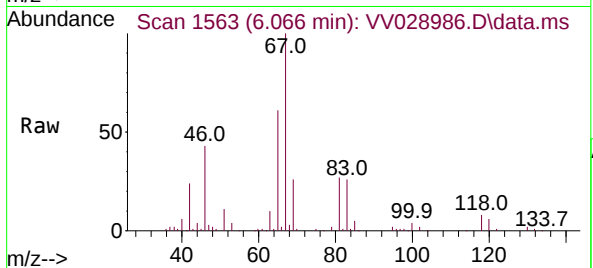
BGCB9

Tgt Ion: 63 Resp: 9188

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV028986.D

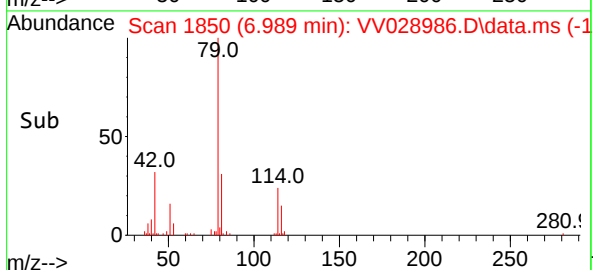
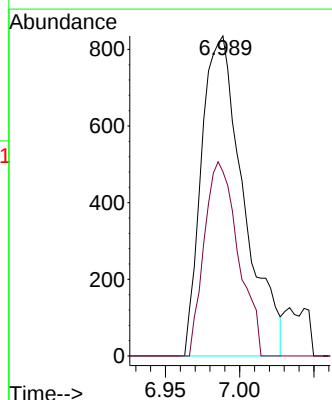
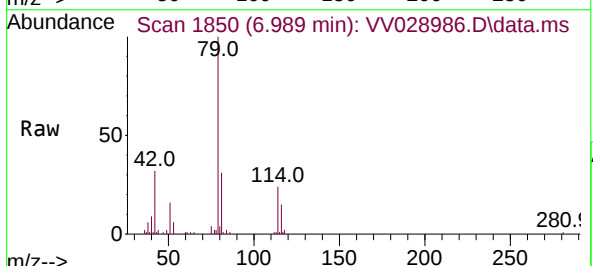
Acq: 15 Nov 2022 14:06

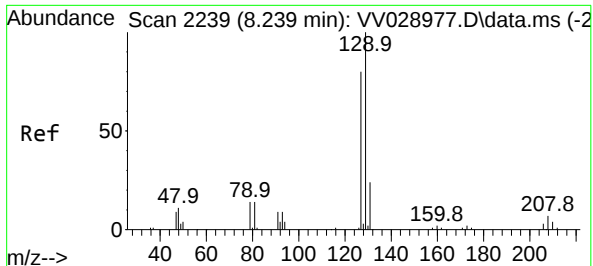
Tgt Ion: 75 Resp: 1645

Ion Ratio Lower Upper

75 100

77 57.6 21.8 40.6#





#49

Dibromochloromethane

Concen: 0.025 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

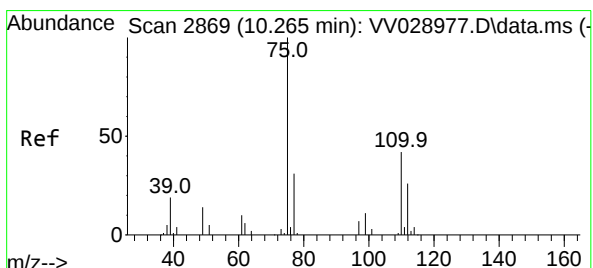
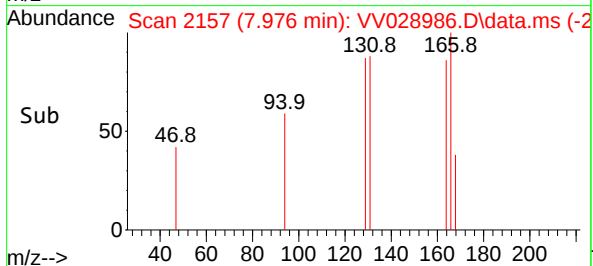
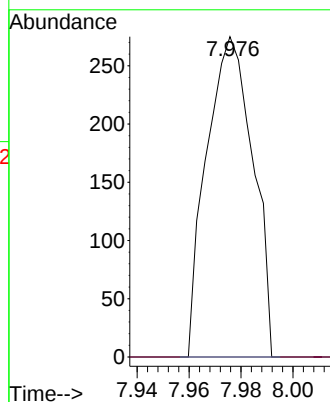
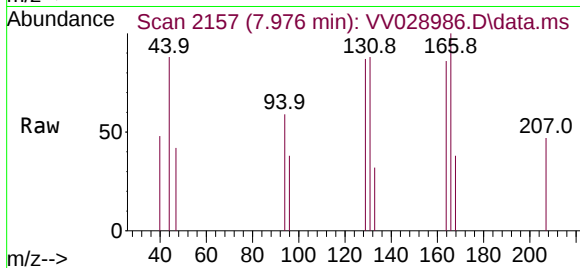
BGCB9

Tgt Ion:129 Resp: 341

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.428 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028986.D

Acq: 15 Nov 2022 14:06

Tgt Ion: 75 Resp: 11749

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 2.2 32.6 48.8#

