

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029206.D
 Acq On : 20 Nov 2022 05:49
 Operator : SY/MD
 Sample : N5651-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1H0

Quant Time: Nov 21 00:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

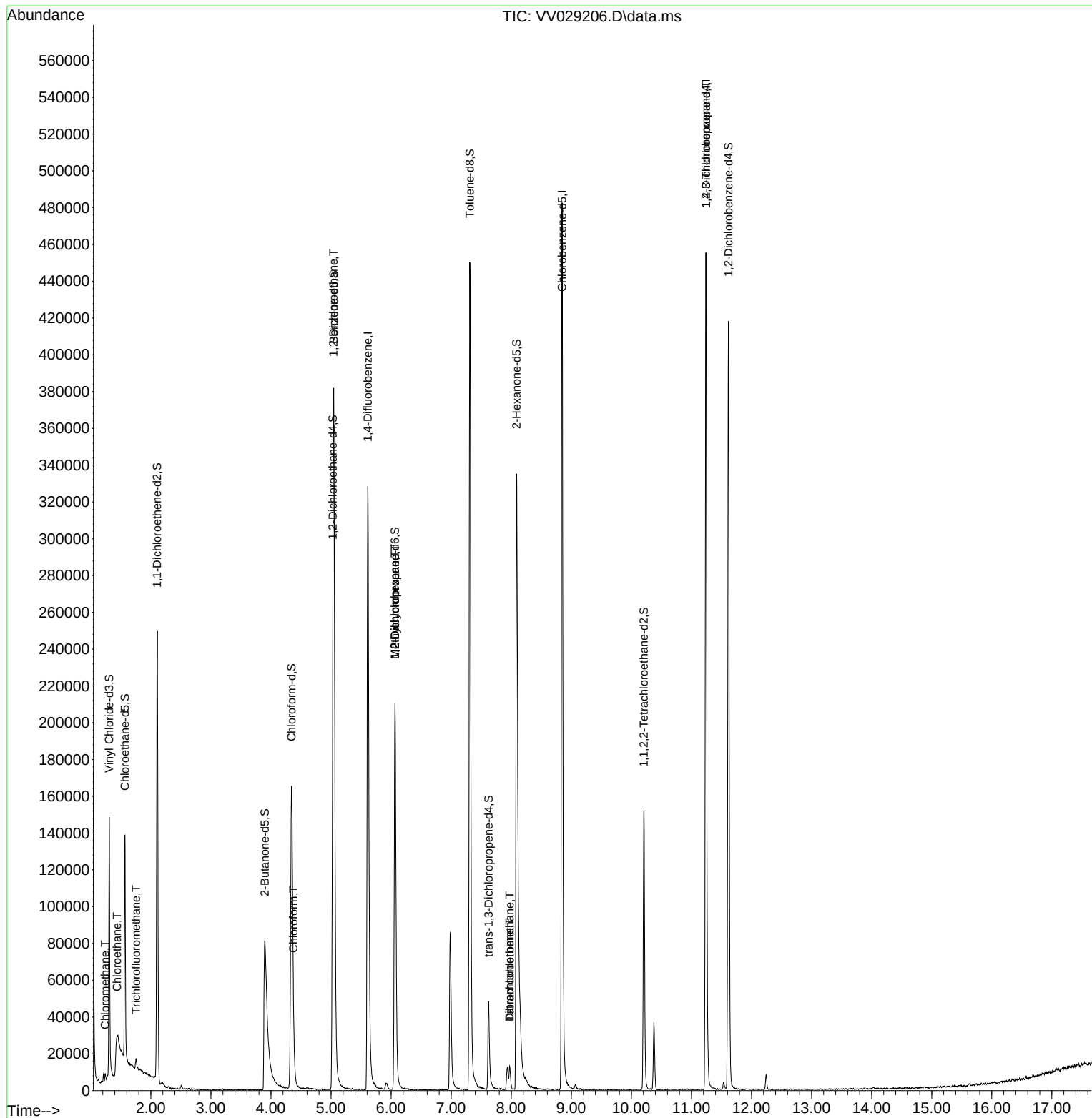
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	314819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	98430	5.128	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.568	69	80930	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.105	63	126241	3.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	3.896	46	195822	60.950	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.900%	
24) Chloroform-d	4.343	84	177211	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.031	65	82412	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	5.044	84	373617	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.066	67	108332	4.541	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.310	98	324873	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.622	79	33217	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.088	63	148381	44.682	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.360%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78041	4.719	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	113686	4.775	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3320	0.152	ug/L	91
8) Chloroethane	1.436	64	73599	5.041	ug/L #	52
9) Trichlorofluoromethane	1.754	101	2644	0.079	ug/L	98
25) Chloroform	4.375	83	16767	0.443	ug/L	94
27) 1,2-Dichloroethane	5.040	62	1780	0.091	ug/L #	70
35) Methylcyclohexane	6.066	83	27010	0.686	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11999	0.595	ug/L #	85
47) Tetrachloroethene	7.973	164	3280	0.183	ug/L	81
49) Dibromochloromethane	7.973	129	2736	0.171	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	14291	1.572	ug/L #	65

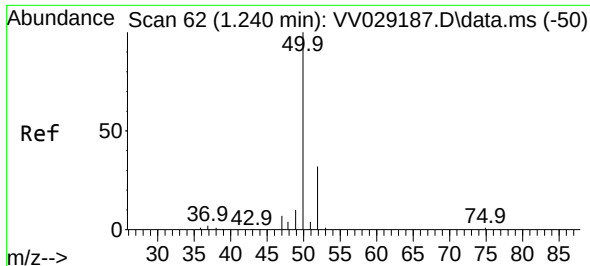
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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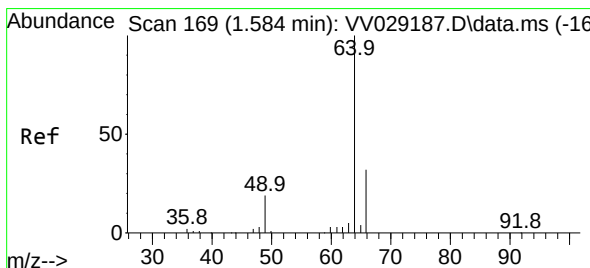
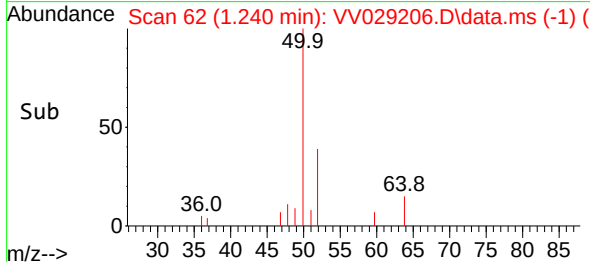
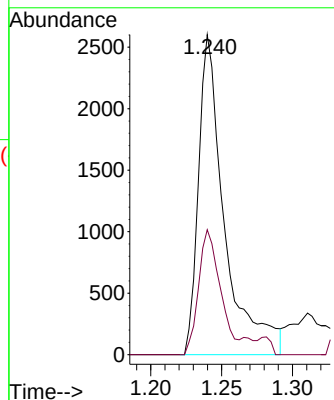
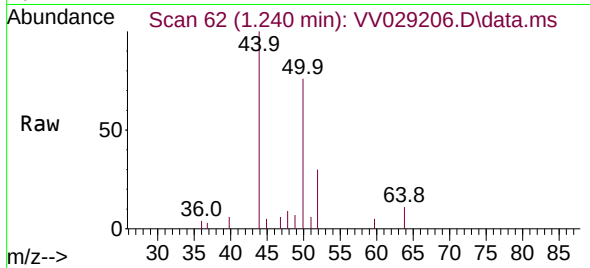




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029206.D
Acq: 20 Nov 2022 05:49

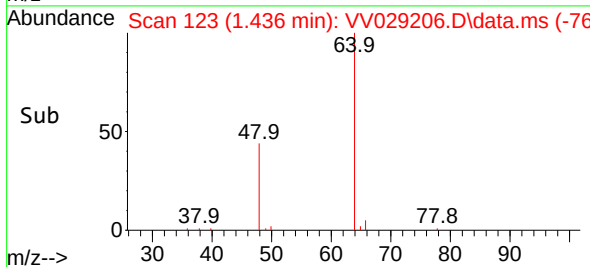
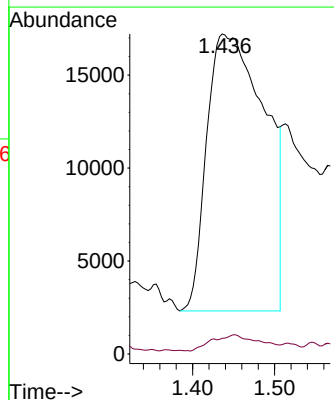
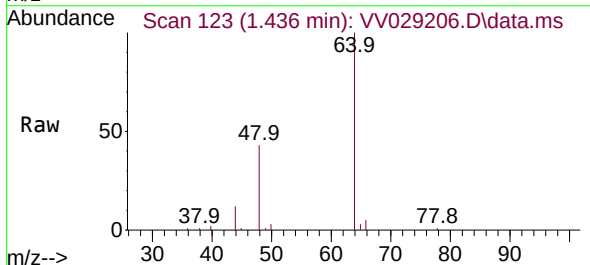
Instrument :
MSVOA_V
ClientSampleId :
BH1H0

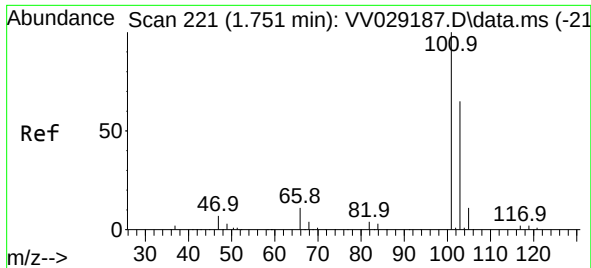
Tgt Ion: 50 Resp: 3320
Ion Ratio Lower Upper
50 100
52 39.0 23.7 43.9



#8
Chloroethane
Concen: 5.041 ug/L
RT: 1.436 min Scan# 123
Delta R.T. -0.148 min
Lab File: VV029206.D
Acq: 20 Nov 2022 05:49

Tgt Ion: 64 Resp: 73599
Ion Ratio Lower Upper
64 100
66 4.9 22.0 40.8#

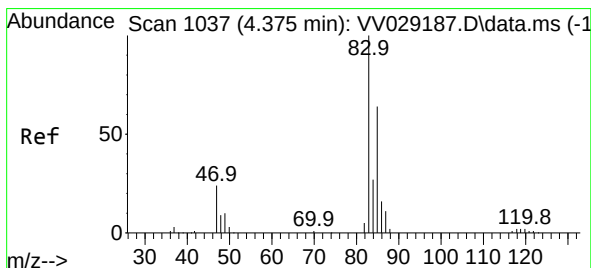
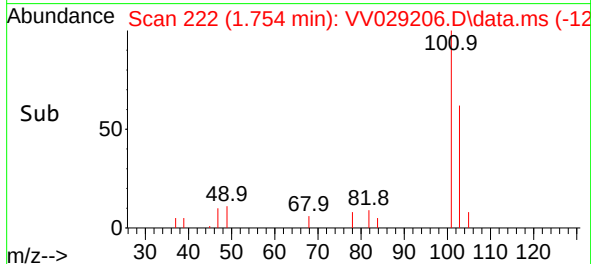
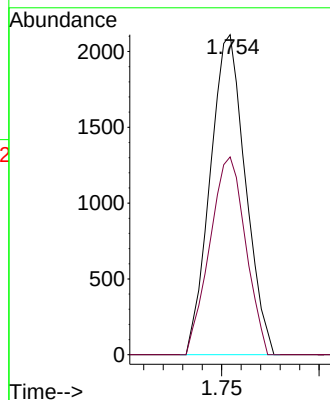
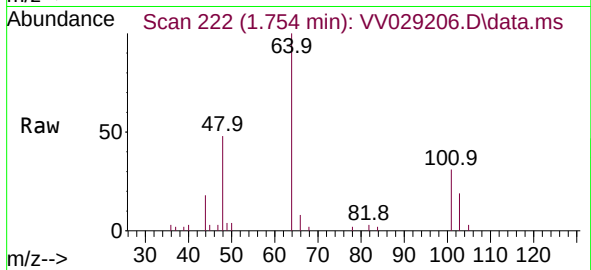




#9
Trichlorofluoromethane
Concen: 0.079 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029206.D
Acq: 20 Nov 2022 05:49

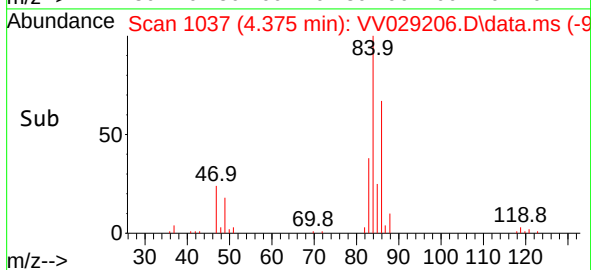
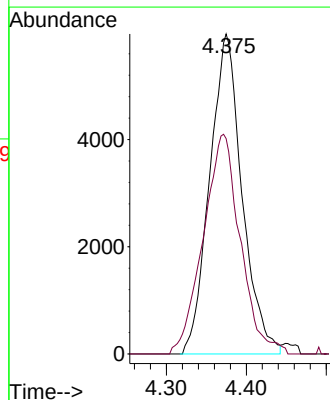
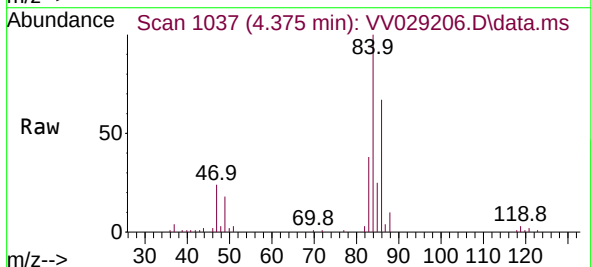
Instrument :
MSVOA_V
ClientSampleId :
BH1H0

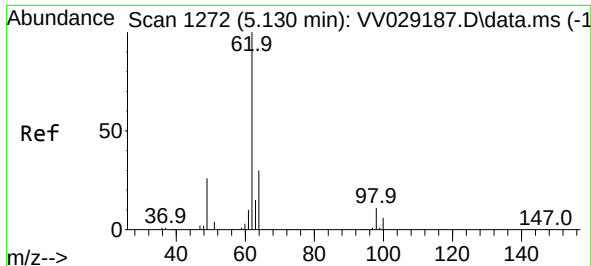
Tgt Ion:101 Resp: 2644
Ion Ratio Lower Upper
101 100
103 62.8 51.3 76.9



#25
Chloroform
Concen: 0.443 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV029206.D
Acq: 20 Nov 2022 05:49

Tgt Ion: 83 Resp: 16767
Ion Ratio Lower Upper
83 100
85 67.3 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.040 min Scan# 1

Delta R.T. -0.090 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

Instrument :

MSVOA_V

ClientSampleId :

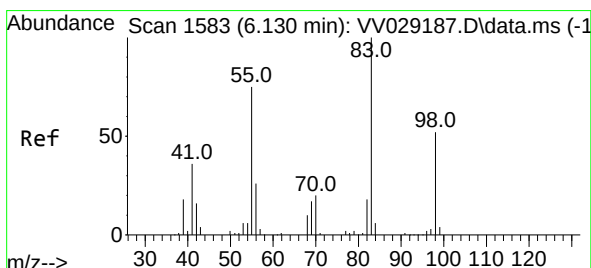
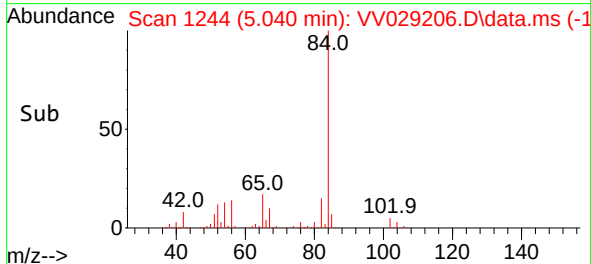
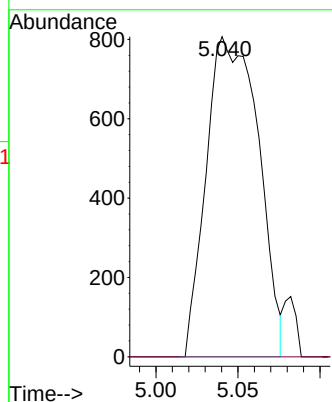
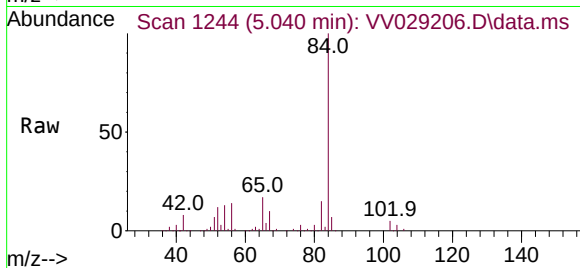
BH1H0

Tgt Ion: 62 Resp: 1780

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

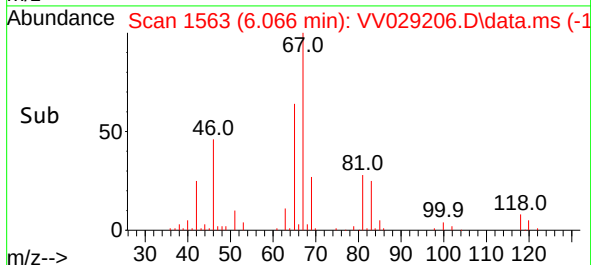
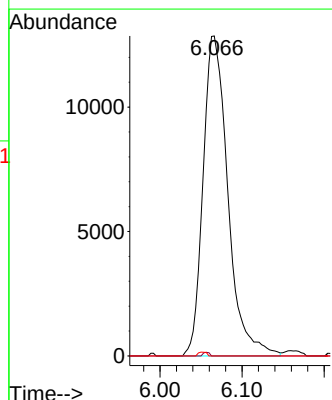
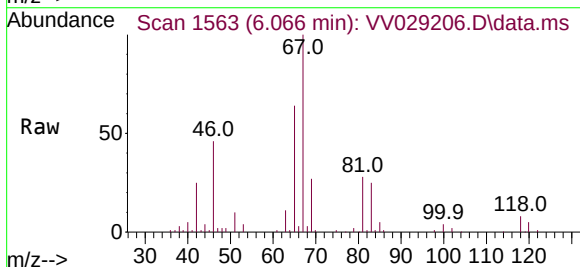
Tgt Ion: 83 Resp: 27010

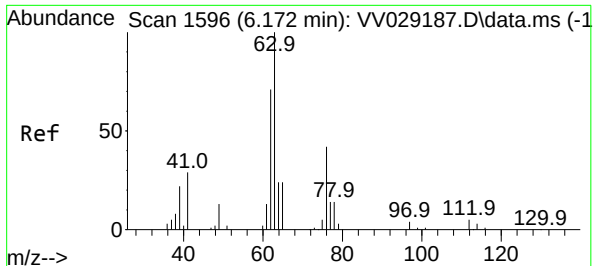
Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 0.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

Instrument :

MSVOA_V

ClientSampleId :

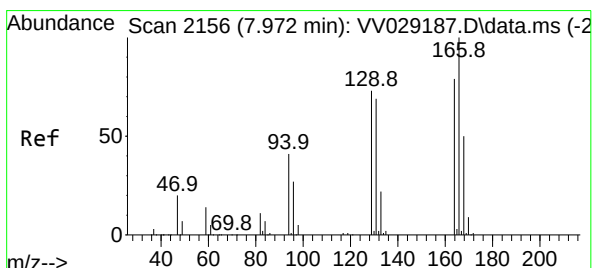
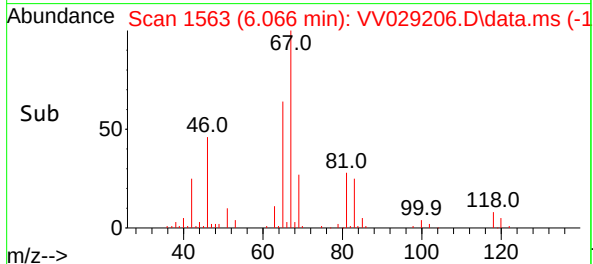
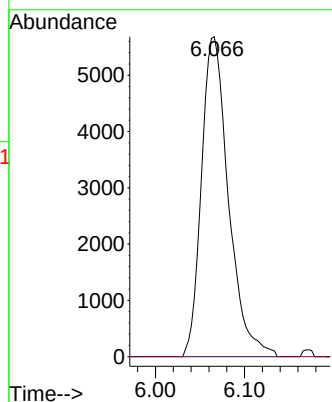
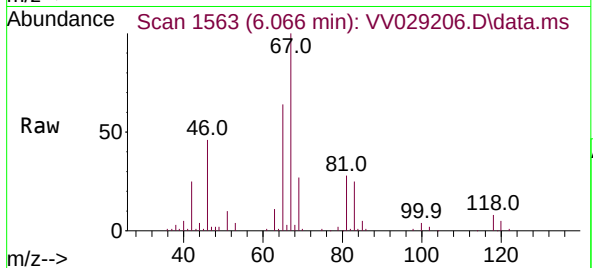
BH1H0

Tgt Ion: 63 Resp: 11999

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#47

Tetrachloroethene

Concen: 0.183 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

Tgt Ion:164 Resp: 3280

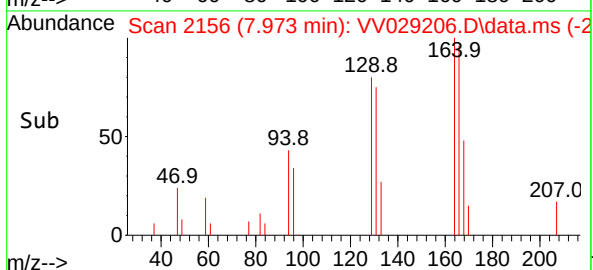
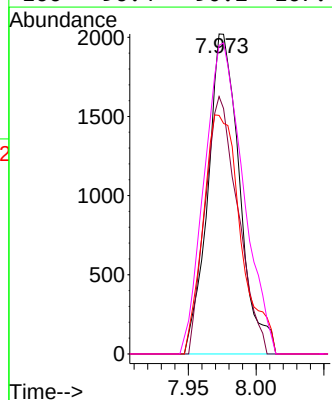
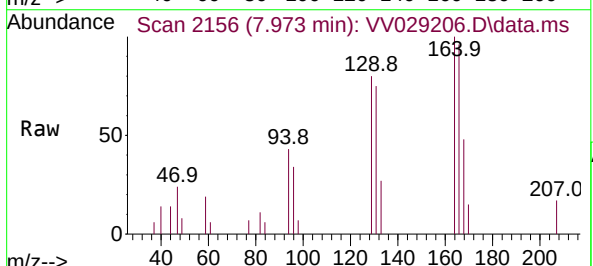
Ion Ratio Lower Upper

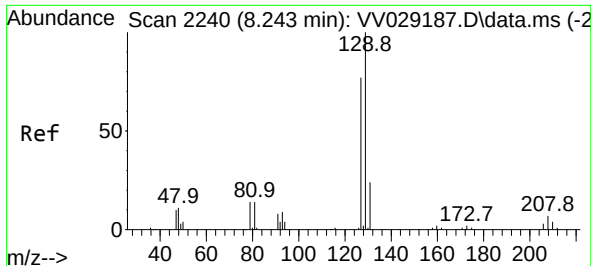
164 100

129 80.5 63.9 118.7

131 74.6 61.8 114.8

166 96.4 90.2 167.4





#49

Dibromochloromethane

Concen: 0.171 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

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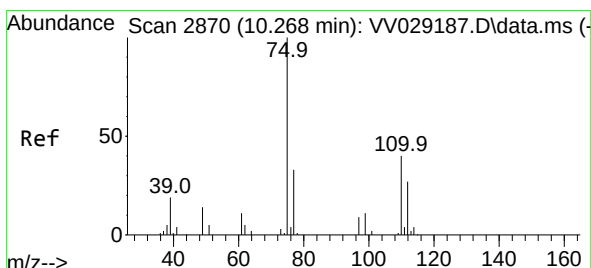
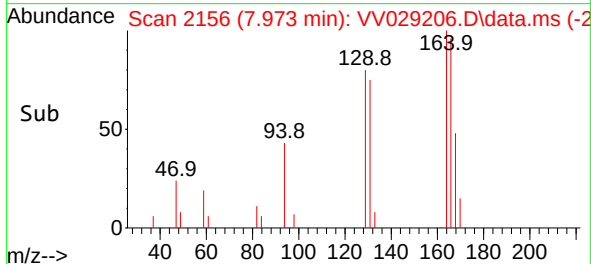
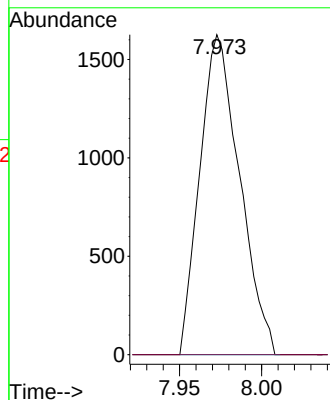
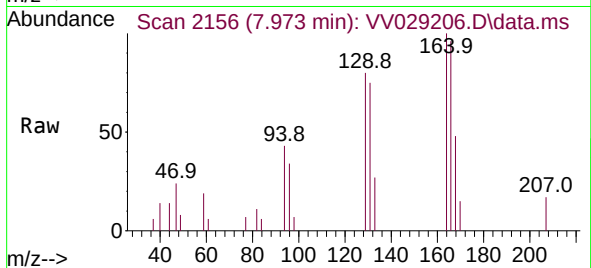
BH1H0

Tgt Ion:129 Resp: 2736

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.572 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029206.D

Acq: 20 Nov 2022 05:49

Tgt Ion: 75 Resp: 14291

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 1.5 32.6 48.8#

