

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029200.D
 Acq On : 20 Nov 2022 03:22
 Operator : SY/MD
 Sample : N5651-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G4

Quant Time: Nov 20 04:31:51 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)

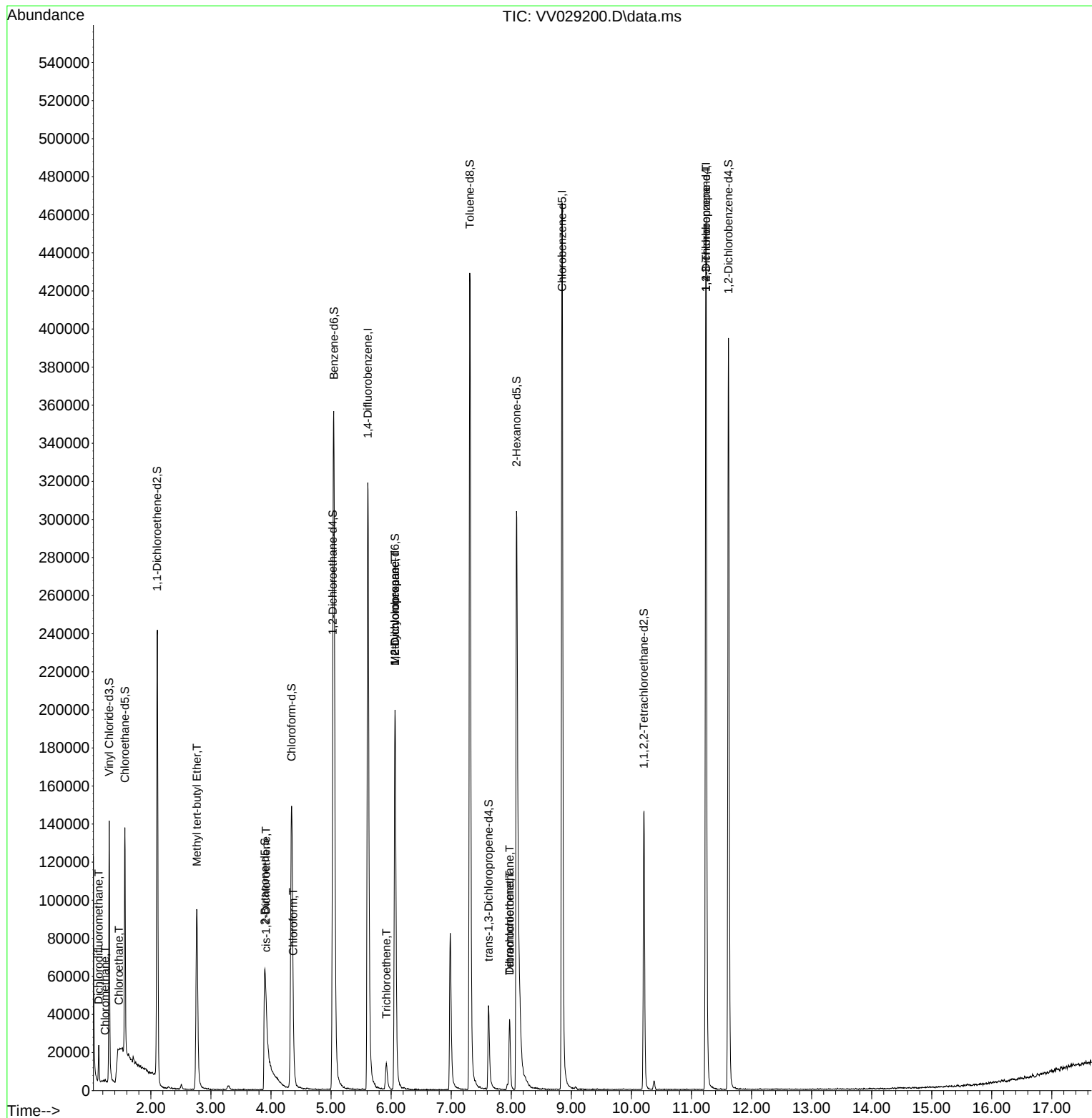
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	282200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94384	5.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.568	69	77354	4.709	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.105	63	119666	3.514	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.895	46	163068	52.136	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.280%	
24) Chloroform-d	4.342	84	166130	4.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.027	65	79175	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.047	84	355461	4.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.066	67	105618	4.490	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.310	98	308503	4.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.622	79	30025	3.914	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.088	63	140108	42.788	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.580%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75374	4.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	111463	4.780	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2970	0.116	ug/L	89
3) Chloromethane	1.240	50	948	0.045	ug/L #	81
8) Chloroethane	1.468	64	33308	2.344	ug/L #	52
17) Methyl tert-butyl Ether	2.767	73	107426	2.701	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	1124	0.051	ug/L	95
25) Chloroform	4.371	83	2990	0.081	ug/L	81
34) Trichloroethene	5.921	95	5242	0.237	ug/L	90
35) Methylcyclohexane	6.066	83	25342	0.653	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11091	0.558	ug/L #	87
47) Tetrachloroethene	7.972	164	9356	0.529	ug/L	97
49) Dibromochloromethane	7.972	129	7328	0.466	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	13420	1.507	ug/L #	65

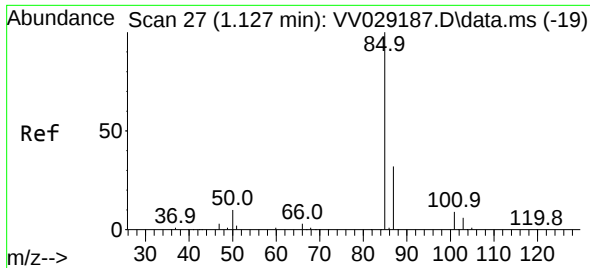
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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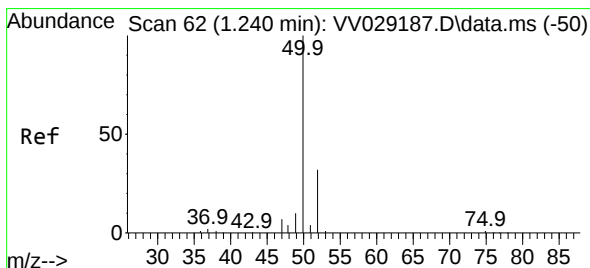
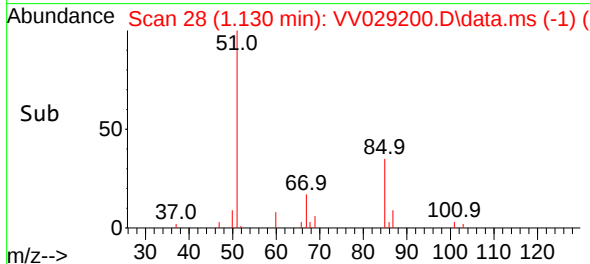
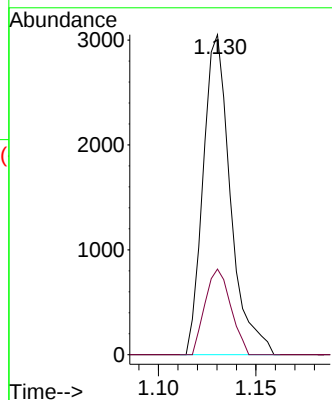
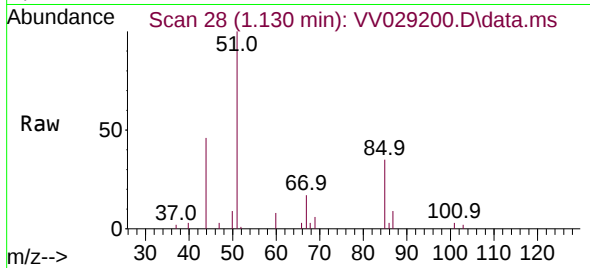




#2
 Dichlorodifluoromethane
 Concen: 0.116 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV029200.D
 Acq: 20 Nov 2022 03:22

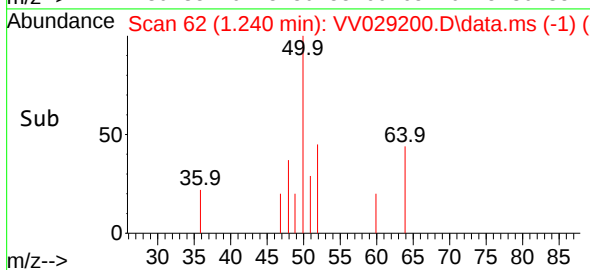
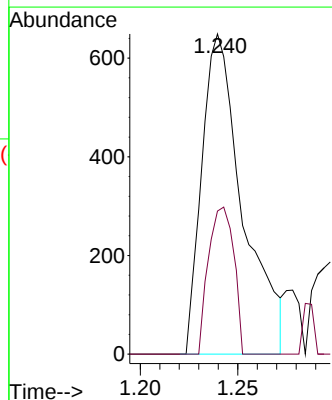
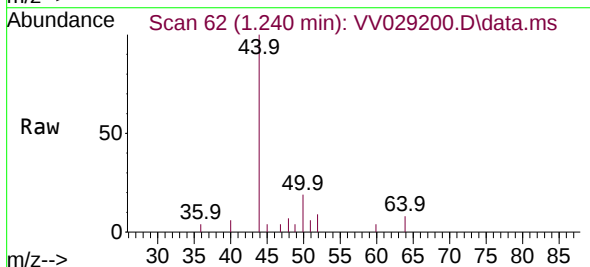
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G4

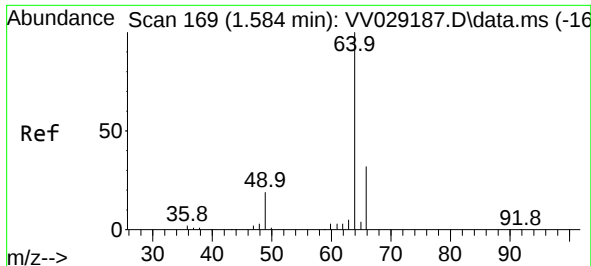
Tgt Ion: 85 Resp: 2970
 Ion Ratio Lower Upper
 85 100
 87 25.2 25.0 37.4



#3
 Chloromethane
 Concen: 0.045 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029200.D
 Acq: 20 Nov 2022 03:22

Tgt Ion: 50 Resp: 948
 Ion Ratio Lower Upper
 50 100
 52 44.7 23.7 43.9#

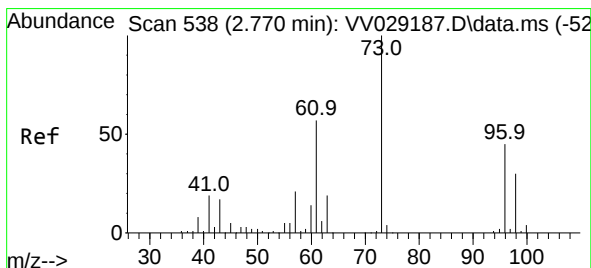
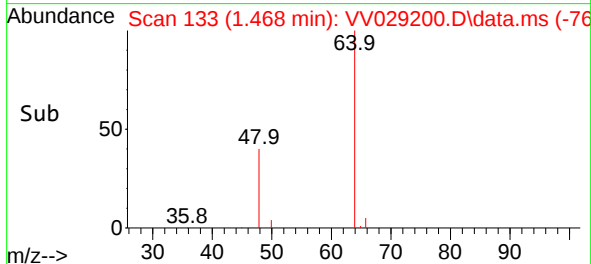
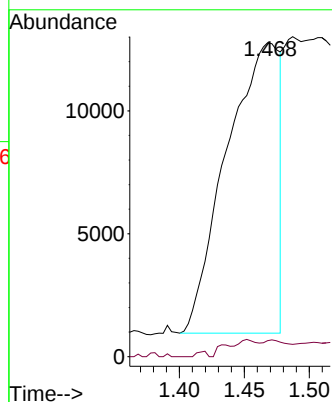
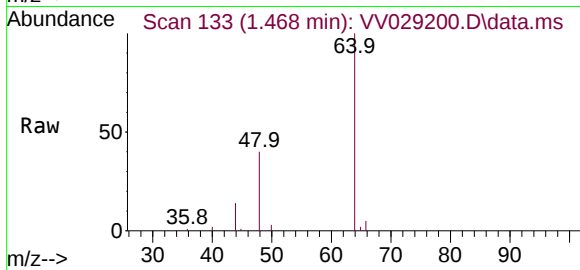




#8
Chloroethane
Concen: 2.344 ug/L
RT: 1.468 min Scan# 11
Delta R.T. -0.116 min
Lab File: VV029200.D
Acq: 20 Nov 2022 03:22

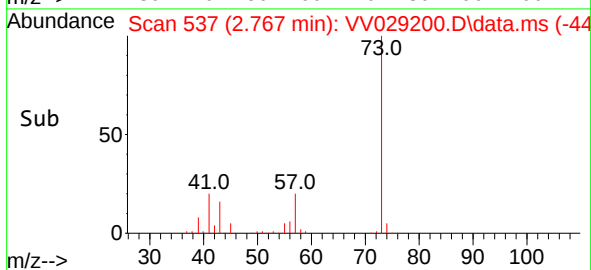
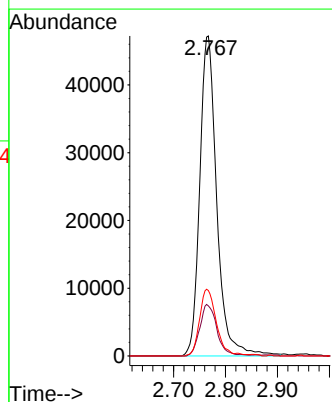
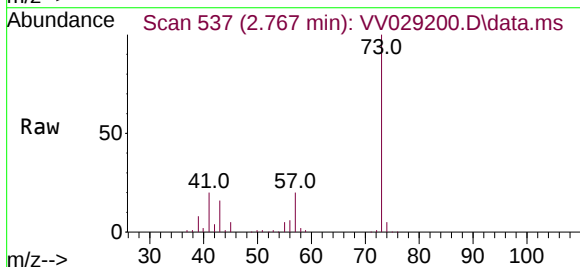
Instrument :
MSVOA_V
ClientSampleId :
BH1G4

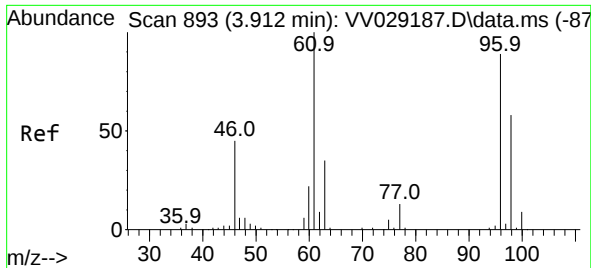
Tgt Ion: 64 Resp: 33308
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#17
Methyl tert-butyl Ether
Concen: 2.701 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV029200.D
Acq: 20 Nov 2022 03:22

Tgt Ion: 73 Resp: 107426
Ion Ratio Lower Upper
73 100
43 16.1 13.0 19.4
57 20.2 16.6 24.8

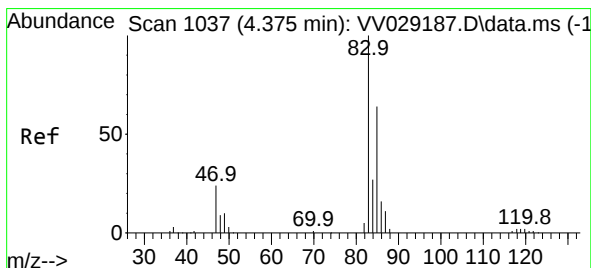
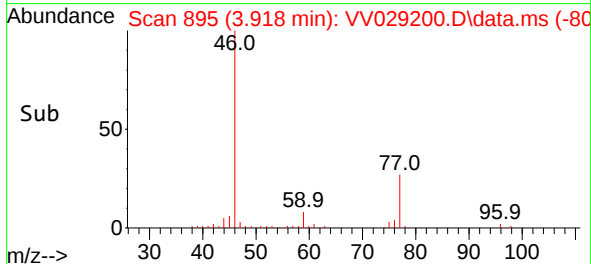
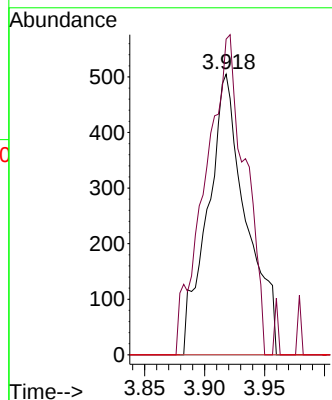
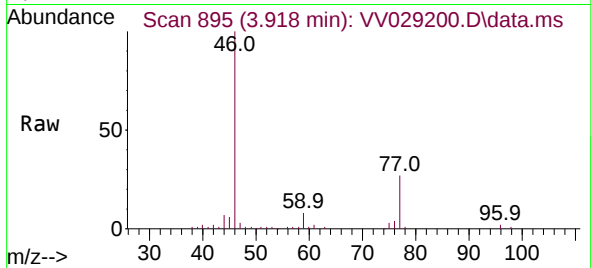




#22
 cis-1,2-Dichloroethene
 Concen: 0.051 ug/L
 RT: 3.918 min Scan# 893
 Delta R.T. 0.006 min
 Lab File: VV029200.D
 Acq: 20 Nov 2022 03:22

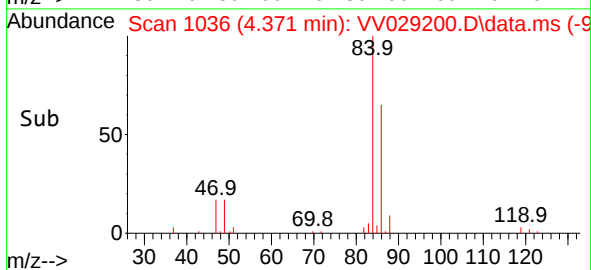
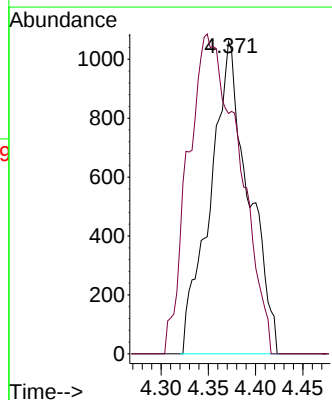
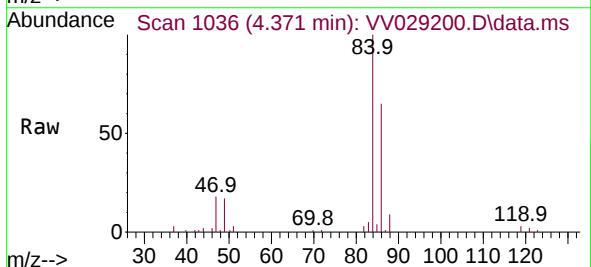
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G4

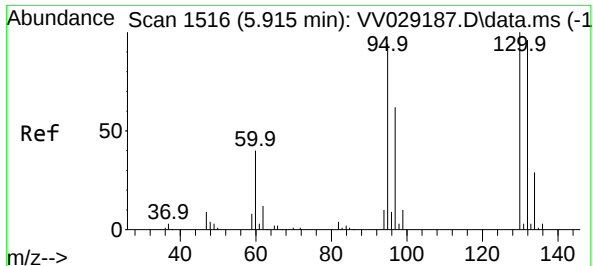
Tgt Ion: 96 Resp: 1124
 Ion Ratio Lower Upper
 96 100
 61 112.5 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.081 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV029200.D
 Acq: 20 Nov 2022 03:22

Tgt Ion: 83 Resp: 2990
 Ion Ratio Lower Upper
 83 100
 85 77.0 43.7 81.1



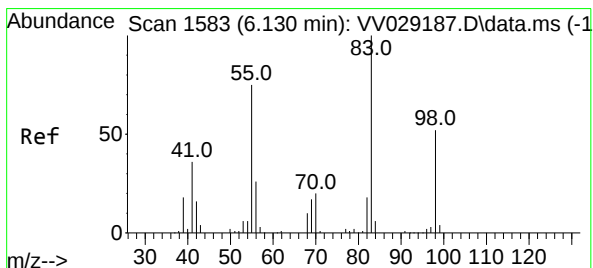
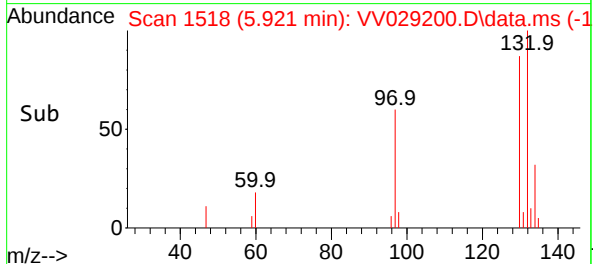
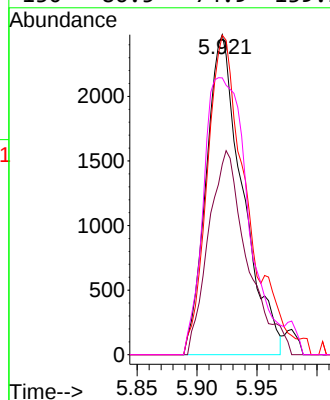
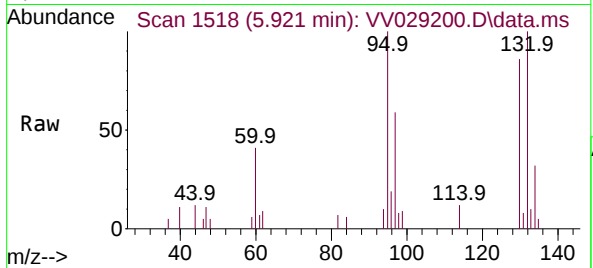


#34
Trichloroethene
Concen: 0.237 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV029200.D
Acq: 20 Nov 2022 03:22

Instrument :
MSVOA_V
ClientSampleId :
BH1G4

Tgt Ion: 95 Resp: 5242

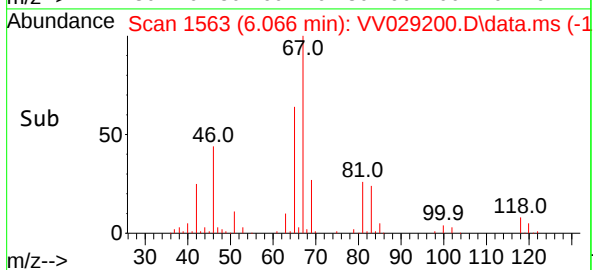
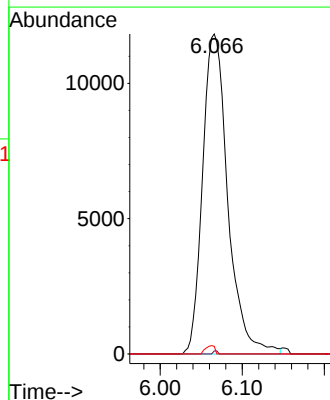
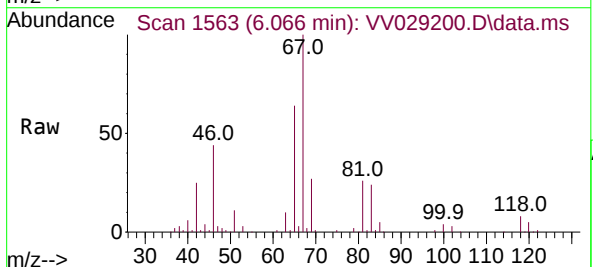
Ion	Ratio	Lower	Upper
95	100		
97	59.5	45.6	84.8
132	99.8	69.1	128.3
130	86.5	74.9	139.1

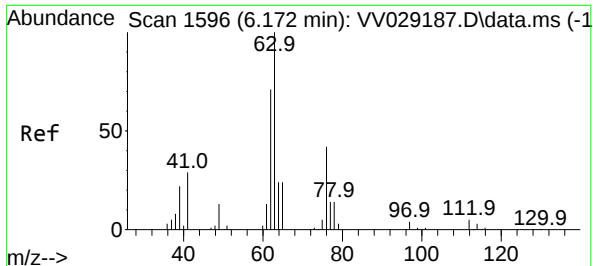


#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029200.D
Acq: 20 Nov 2022 03:22

Tgt Ion: 83 Resp: 25342

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	0.9	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.066 min Scan# 11091

Delta R.T. -0.106 min

Lab File: VV029200.D

Acq: 20 Nov 2022 03:22

Instrument :

MSVOA_V

ClientSampleId :

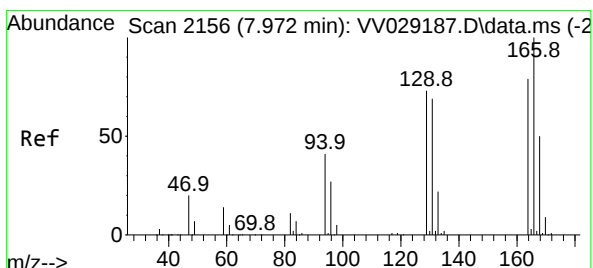
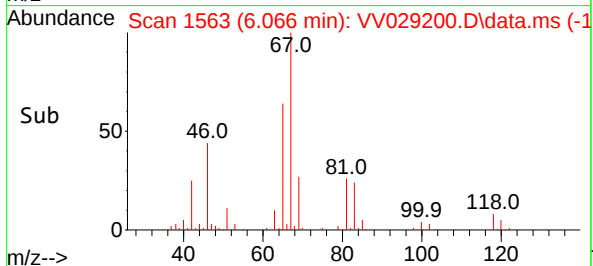
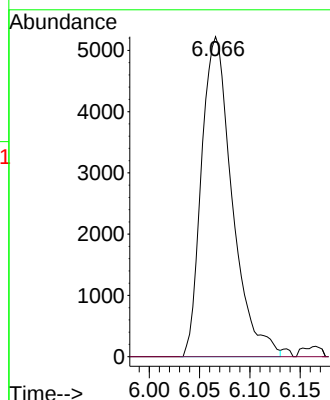
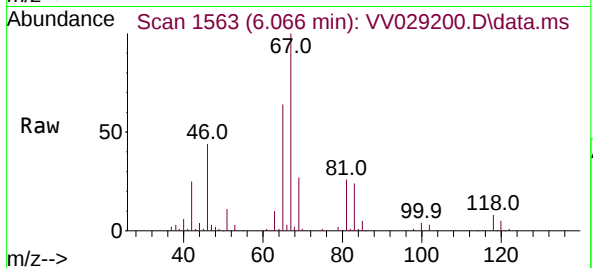
BH1G4

Tgt Ion: 63 Resp: 11091

Ion Ratio Lower Upper

63 100

112 0.6 4.0 6.0#



#47

Tetrachloroethene

Concen: 0.529 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV029200.D

Acq: 20 Nov 2022 03:22

Tgt Ion: 164 Resp: 9356

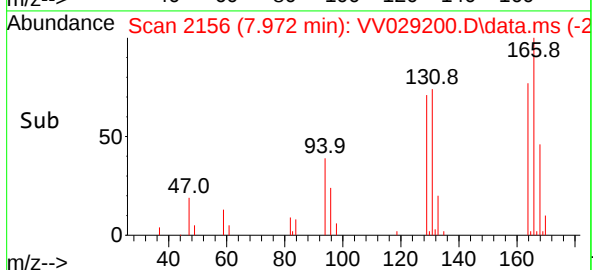
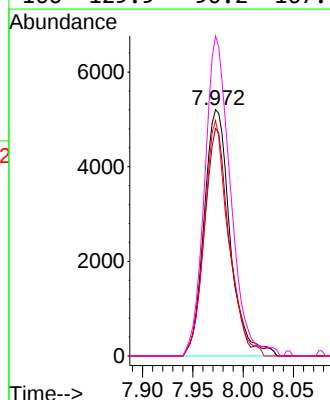
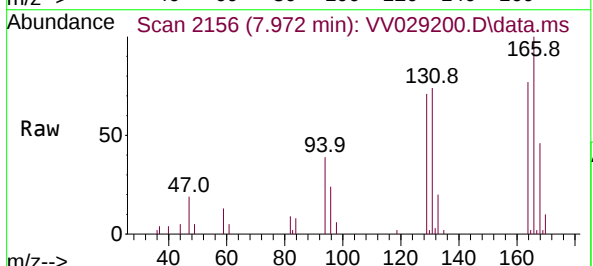
Ion Ratio Lower Upper

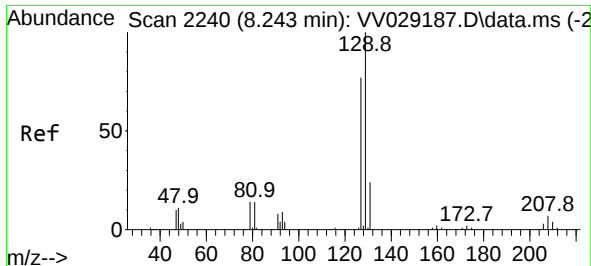
164 100

129 92.4 63.9 118.7

131 95.6 61.8 114.8

166 129.9 90.2 167.4





#49

Dibromochloromethane

Concen: 0.466 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV029200.D

Acq: 20 Nov 2022 03:22

Instrument :

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ClientSampleId :

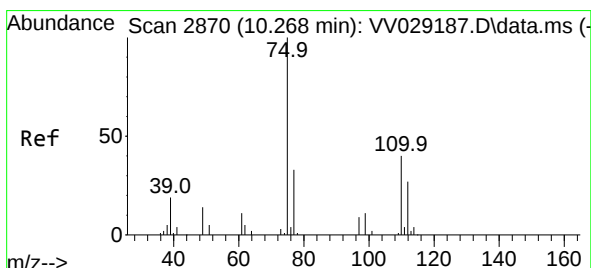
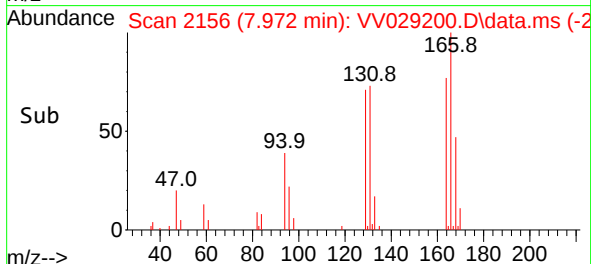
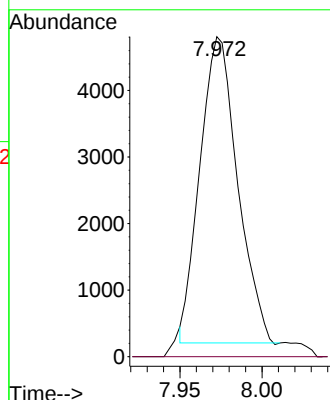
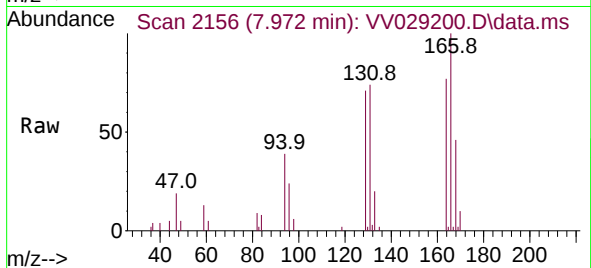
BH1G4

Tgt Ion:129 Resp: 7328

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.507 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029200.D

Acq: 20 Nov 2022 03:22

Tgt Ion: 75 Resp: 13420

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

110 2.4 32.6 48.8#

