

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041423\
 Data File : VV030562.D
 Acq On : 14 Apr 2023 10:48
 Operator : SY/MD
 Sample : 02250-04DL 2X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD5DL

Quant Time: Apr 15 01:55:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

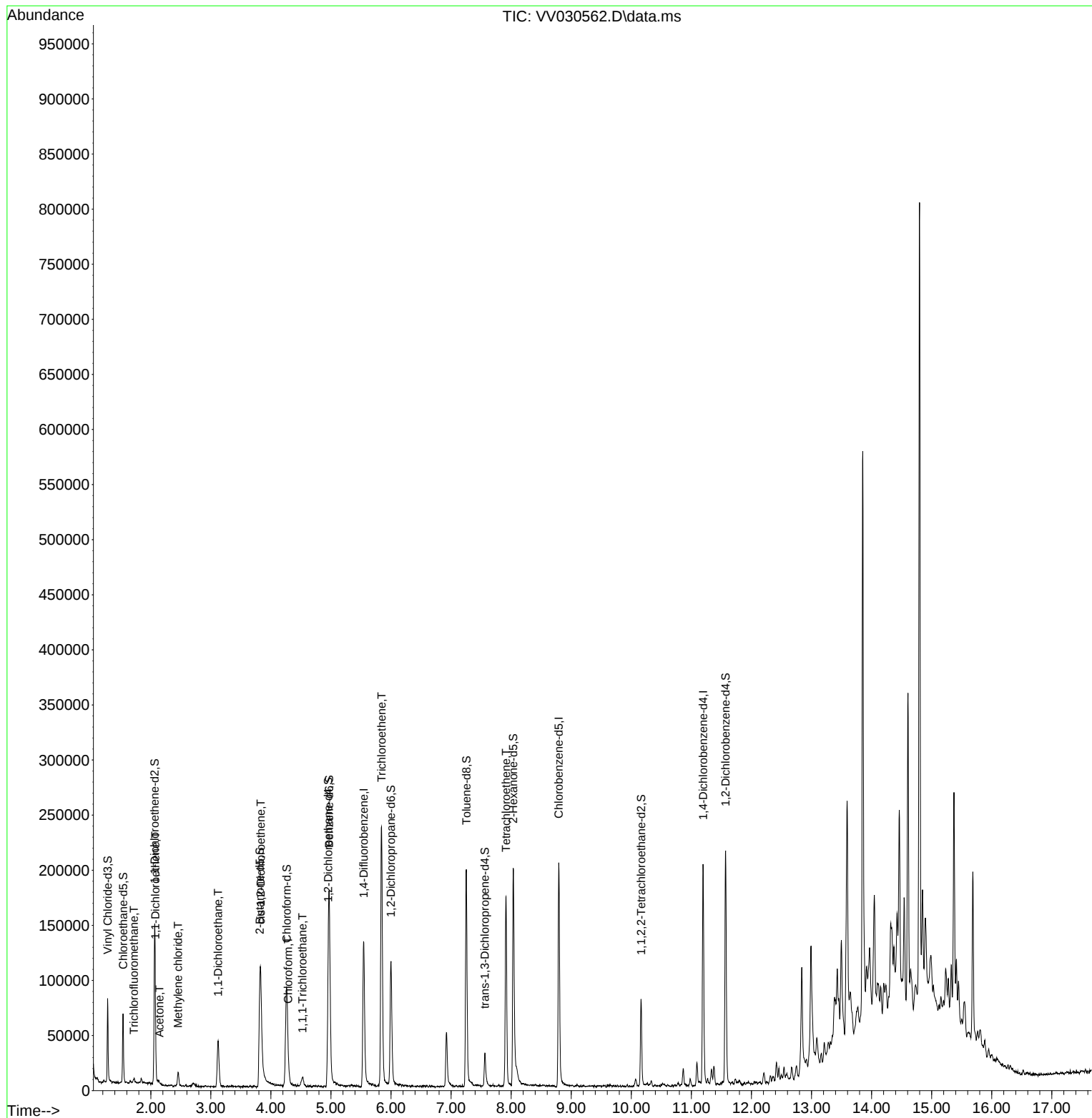
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	112698	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	112171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47688	6.389	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	127.800%	
7) Chloroethane-d5	1.539	69	40015	5.524	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.400%	
11) 1,1-Dichloroethene-d2	2.063	63	75578	4.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	3.815	46	94140	48.797	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.600%	
24) Chloroform-d	4.262	84	88054	4.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	4.953	65	47005	5.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	4.969	84	154798	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	5.998	67	50048	5.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.252	98	131156	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.561	79	18029	4.839	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	8.034	63	69018	46.099	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.200%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35862	4.598	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	51601	5.373	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
9) Trichlorofluoromethane	1.719	101	1850	0.096	ug/L	95
12) 1,1-Dichloroethene	2.076	96	8885	0.944	ug/L #	1
13) Acetone	2.143	43	3939	2.135	ug/L	84
16) Methylene chloride	2.455	84	5143	0.462	ug/L	97
19) 1,1-Dichloroethane	3.121	63	41369	2.151	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	37809	3.798	ug/L	97
25) Chloroform	4.288	83	8963	0.461	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	5600	0.311	ug/L #	89
34) Trichloroethene	5.841	95	79850	7.431	ug/L	96
47) Tetrachloroethene	7.915	164	37132	3.916	ug/L	95

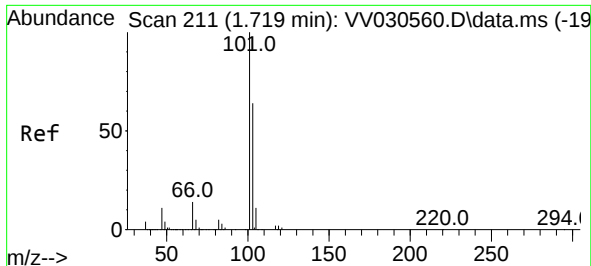
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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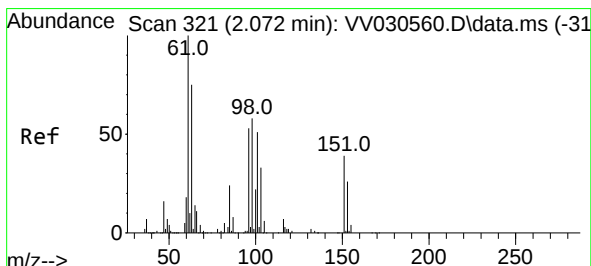
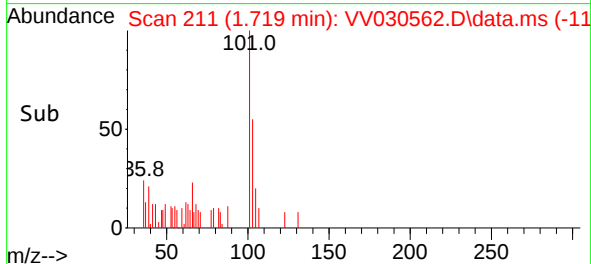
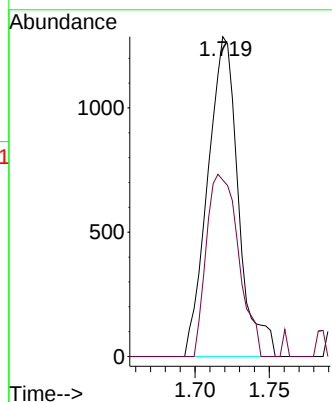
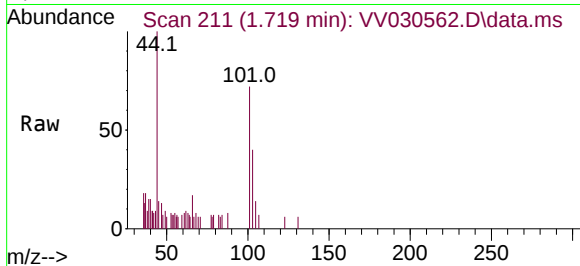




#9
 Trichlorofluoromethane
 Concen: 0.096 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV030562.D
 Acq: 14 Apr 2023 10:48

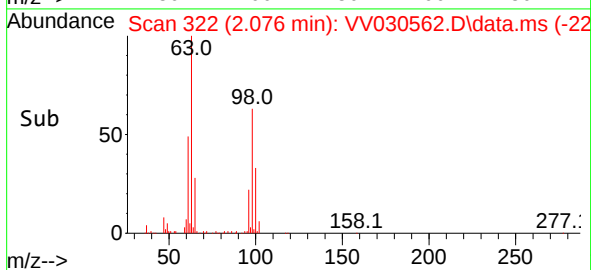
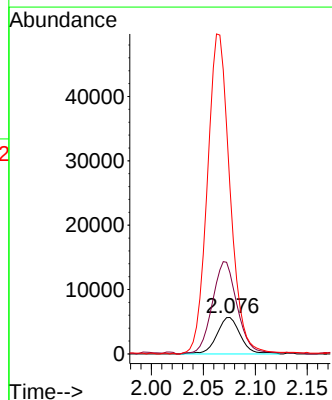
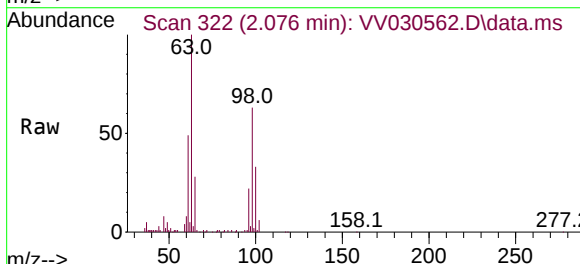
Instrument :
 MSVOA_V
 ClientSampleId :
 BHD5DL

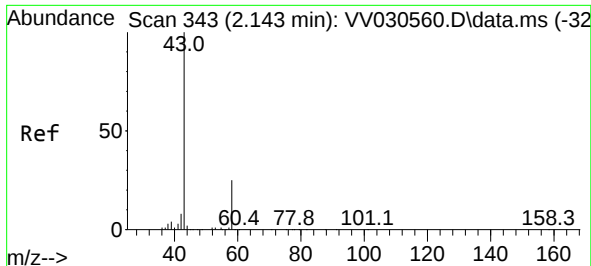
Tgt Ion:101 Resp: 1850
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 0.944 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030562.D
 Acq: 14 Apr 2023 10:48

Tgt Ion: 96 Resp: 8885
 Ion Ratio Lower Upper
 96 100
 61 222.9 136.3 253.1
 63 458.0 92.1 171.1#





#13

Acetone

Concen: 2.135 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV030562.D

Acq: 14 Apr 2023 10:48

Instrument :

MSVOA_V

ClientSampleId :

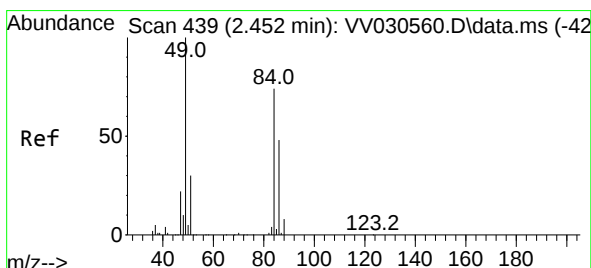
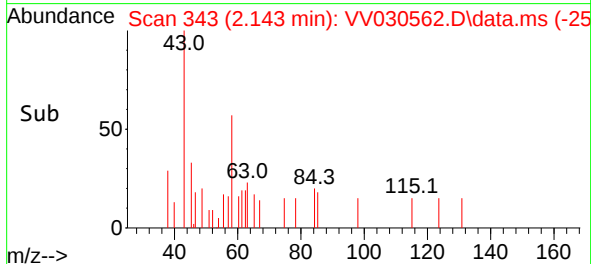
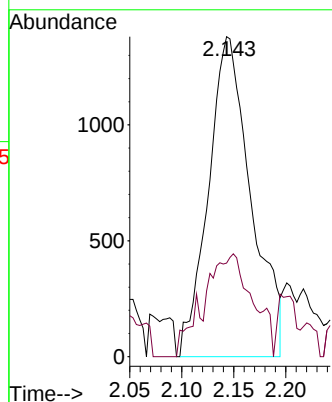
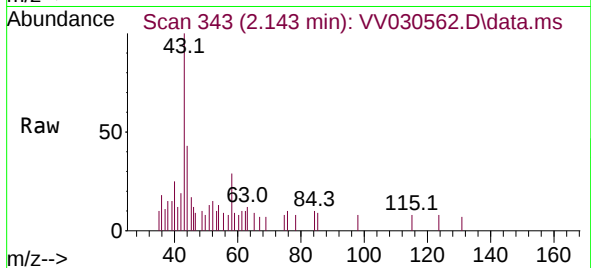
BHDX5DL

Tgt Ion: 43 Resp: 3939

Ion Ratio Lower Upper

43 100

58 28.0 0.0 40.8



#16

Methylene chloride

Concen: 0.462 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030562.D

Acq: 14 Apr 2023 10:48

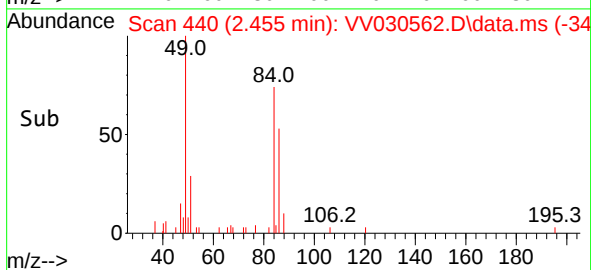
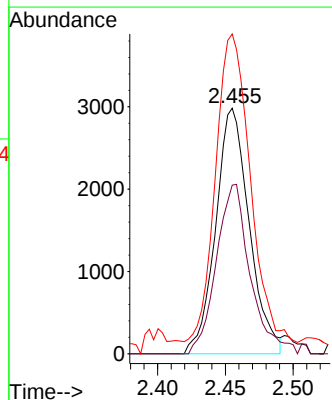
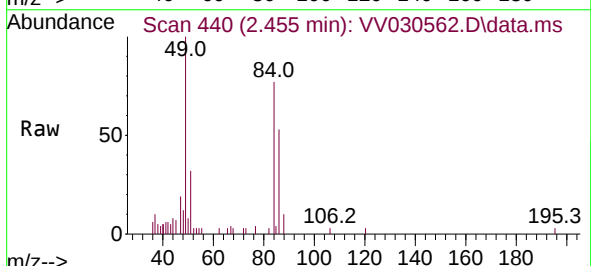
Tgt Ion: 84 Resp: 5143

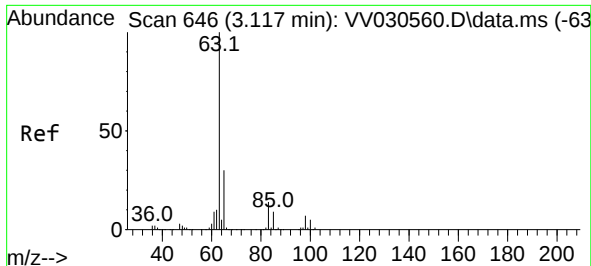
Ion Ratio Lower Upper

84 100

86 68.7 44.0 81.6

49 130.2 90.6 168.3

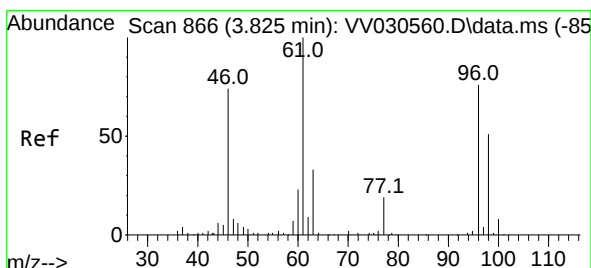
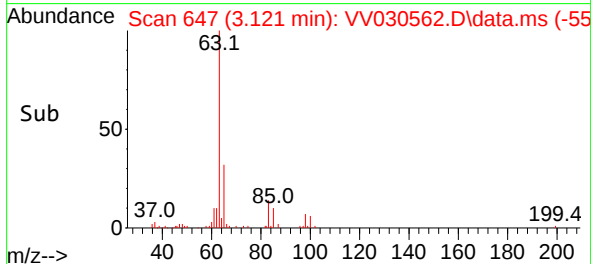
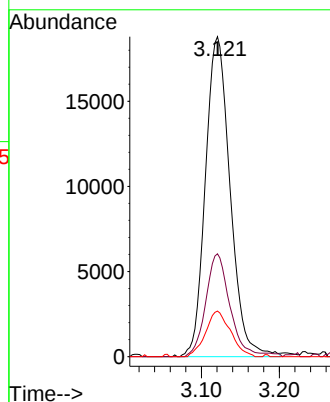
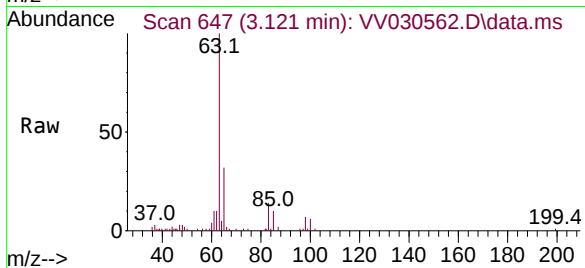




#19
1,1-Dichloroethane
Concen: 2.151 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV030562.D
Acq: 14 Apr 2023 10:48

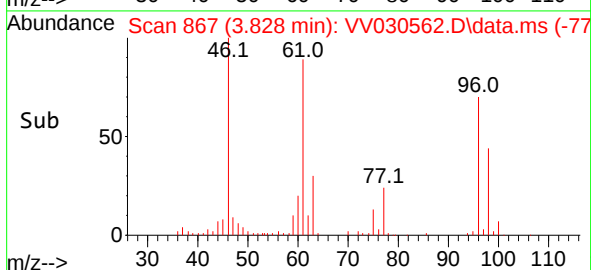
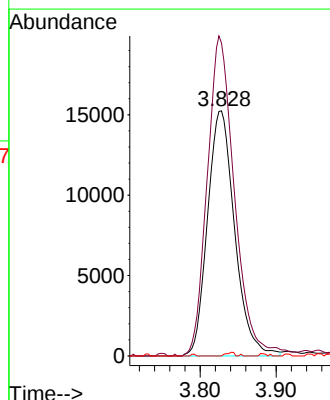
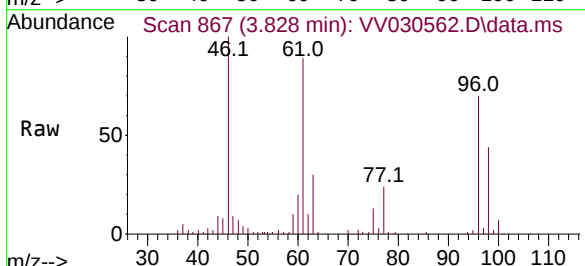
Instrument :
MSVOA_V
ClientSampleId :
BHD5DL

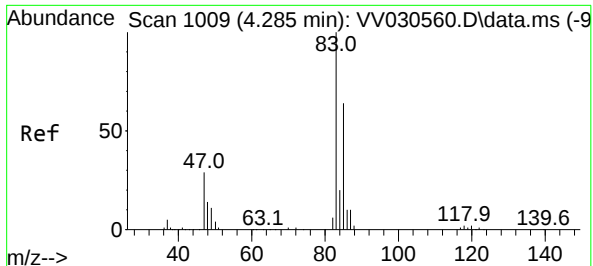
Tgt Ion: 63 Resp: 41369
Ion Ratio Lower Upper
63 100
65 32.1 21.7 40.3
83 14.2 9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 3.798 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030562.D
Acq: 14 Apr 2023 10:48

Tgt Ion: 96 Resp: 37809
Ion Ratio Lower Upper
96 100
61 127.7 92.0 170.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.461 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030562.D

Acq: 14 Apr 2023 10:48

Instrument :

MSVOA_V

ClientSampleId :

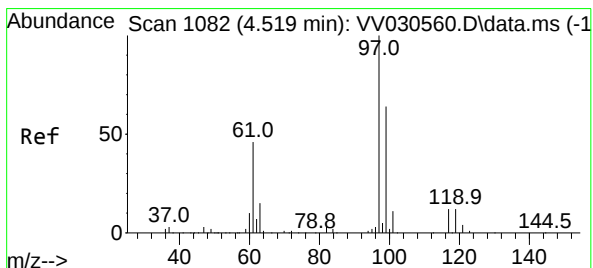
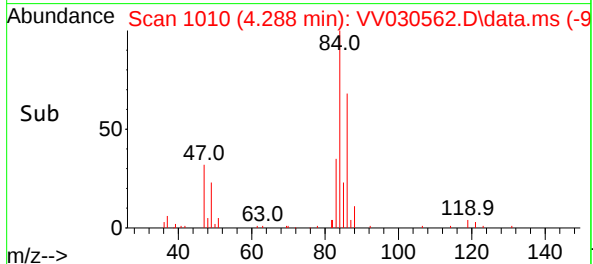
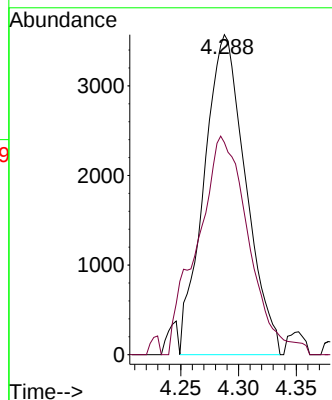
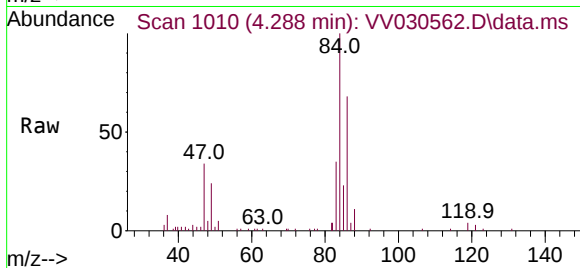
BHDX5DL

Tgt Ion: 83 Resp: 8963

Ion Ratio Lower Upper

83 100

85 66.3 47.6 88.4



#29

1,1,1-Trichloroethane

Concen: 0.311 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030562.D

Acq: 14 Apr 2023 10:48

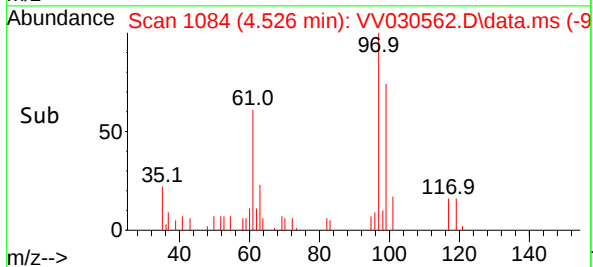
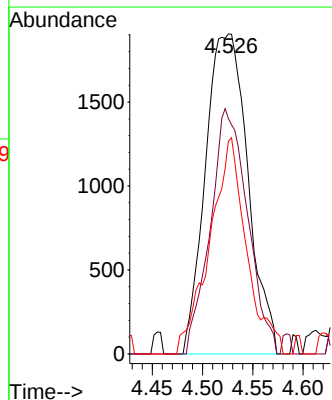
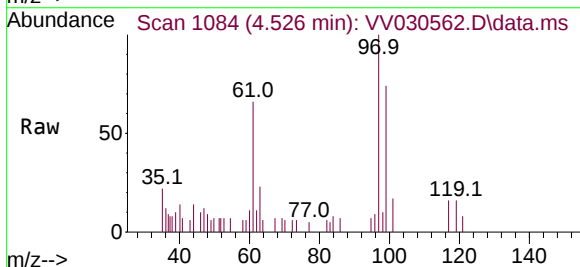
Tgt Ion: 97 Resp: 5600

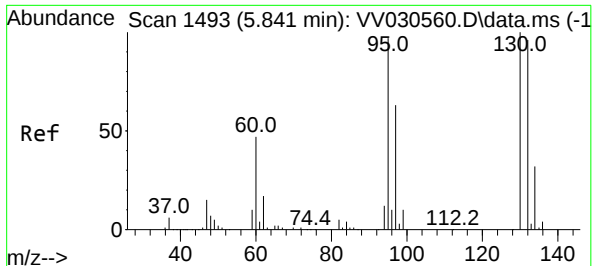
Ion Ratio Lower Upper

97 100

99 67.3 50.9 76.3

61 58.2 35.9 53.9#



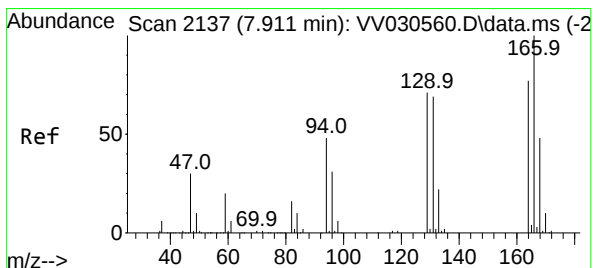
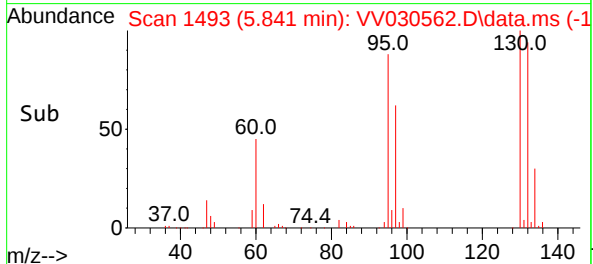
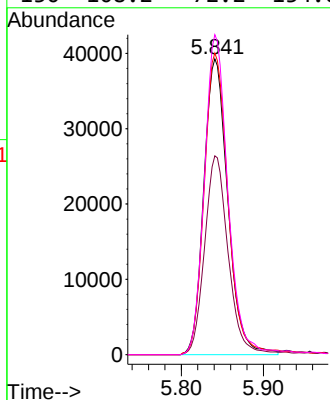
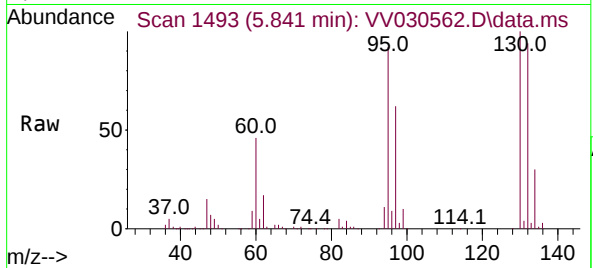


#34
 Trichloroethene
 Concen: 7.431 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VV030562.D
 Acq: 14 Apr 2023 10:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD5DL

Tgt Ion: 95 Resp: 79850

Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.2	82.2
132	101.9	69.5	129.1
130	108.2	72.2	134.0



#47
 Tetrachloroethene
 Concen: 3.916 ug/L
 RT: 7.915 min Scan# 2138
 Delta R.T. 0.003 min
 Lab File: VV030562.D
 Acq: 14 Apr 2023 10:48

Tgt Ion: 164 Resp: 37132

Ion	Ratio	Lower	Upper
164	100		
129	92.7	60.8	112.8
131	87.0	61.7	114.7
166	129.1	85.6	159.0

