

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028675.D
 Acq On : 21 Oct 2022 20:44
 Operator : SY/MD
 Sample : N5233-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA54

Quant Time: Oct 21 23:06:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

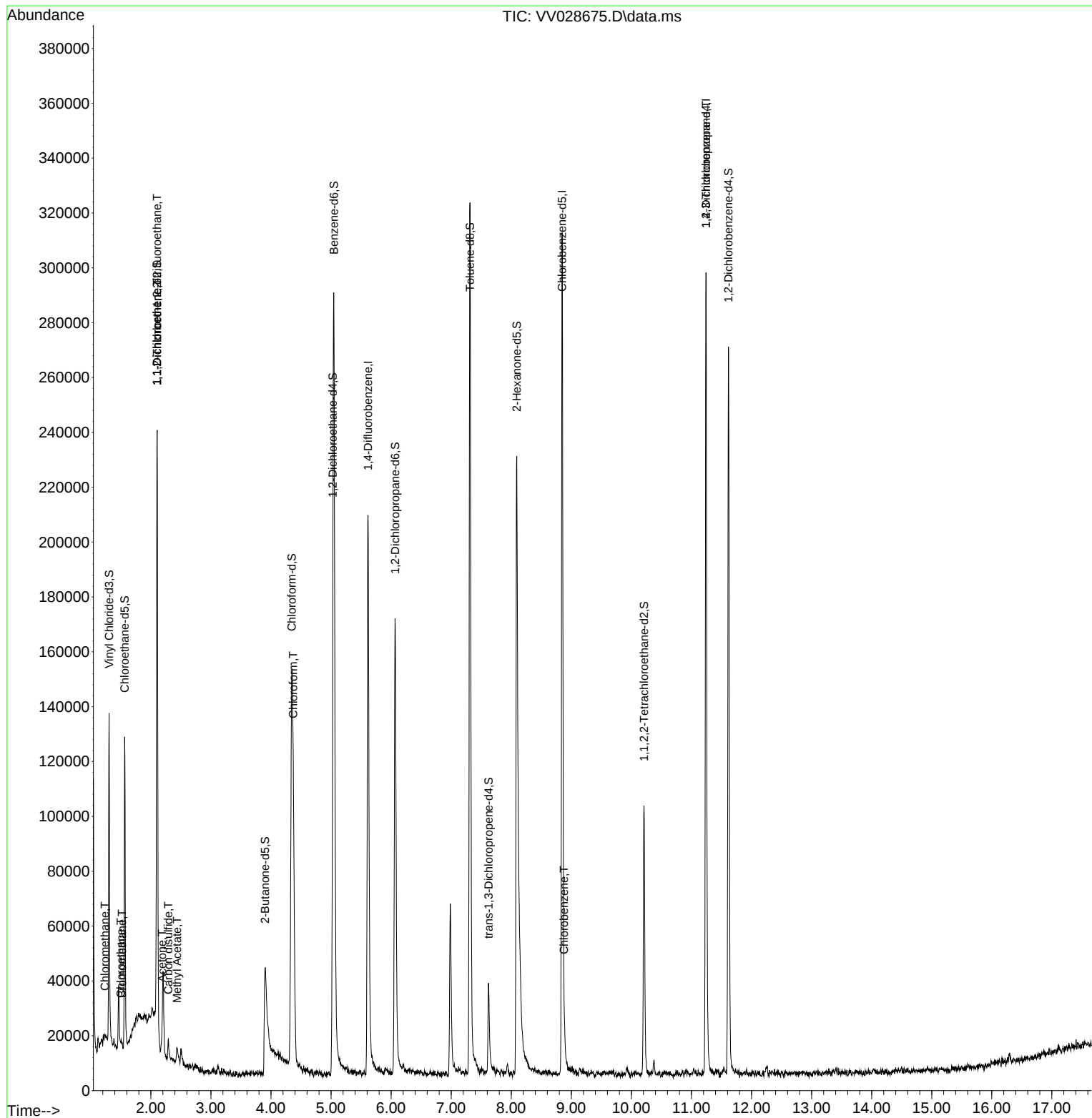
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	170394	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	159243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	70021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82194	4.872	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.564	69	73108	5.513	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.105	63	122944	4.194	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	3.902	46	93155	29.339	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	58.680%	
24) Chloroform-d	4.346	84	124381	4.971	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.031	65	59734	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.047	84	254938	3.680	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.600%	
36) 1,2-Dichloropropane-d6	6.066	67	82548	3.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.000%	
41) Toluene-d8	7.313	98	209251	4.176	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.622	79	19105	3.622	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.091	63	110693	50.549	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.100%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49140	4.789	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	63301	5.030	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
3) Chloromethane	1.233	50	1287	0.078	ug/L	87
6) Bromomethane	1.519	94	672	0.087	ug/L	100
8) Chloroethane	1.500	64	852	0.079	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1235	0.106	ug/L #	25
12) 1,1-Dichloroethene	2.105	96	1293	0.118	ug/L #	1
13) Acetone	2.185	43	8904	4.375	ug/L	88
14) Carbon disulfide	2.291	76	8644	0.328	ug/L #	88
15) Methyl Acetate	2.436	43	8221	1.358	ug/L	92
25) Chloroform	4.371	83	79461	2.994	ug/L	98
51) Chlorobenzene	8.879	112	4596	0.127	ug/L	99
61) 1,2,3-Trichloropropane	11.243	75	11835	1.560	ug/L #	70

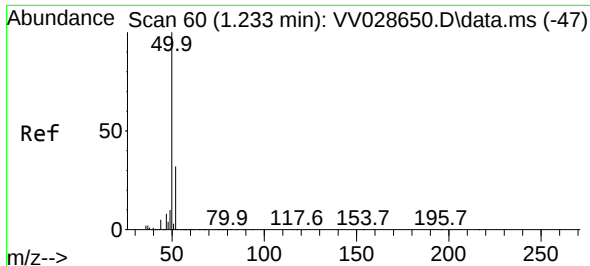
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028675.D
Acq On : 21 Oct 2022 20:44
Operator : SY/MD
Sample : N5233-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA54

Quant Time: Oct 21 23:06:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

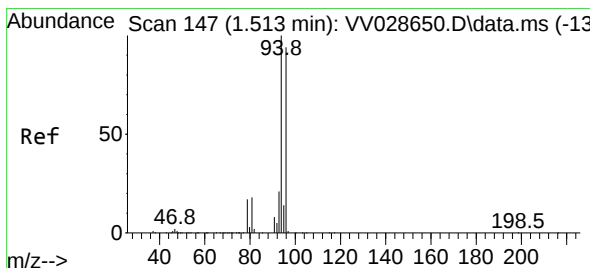
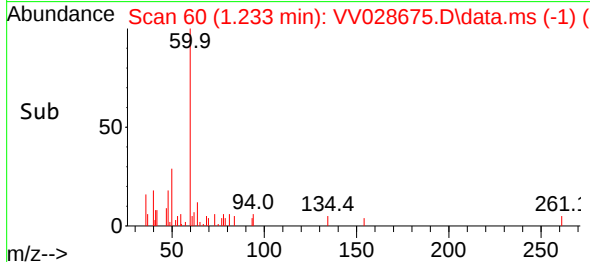
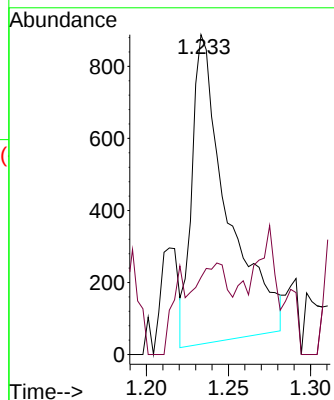
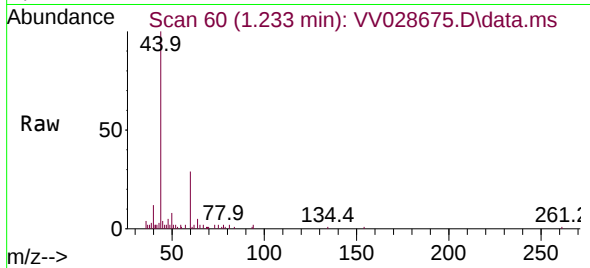




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.233 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

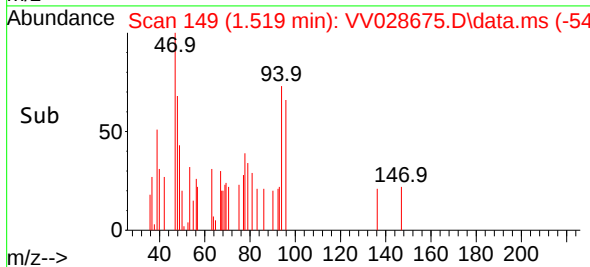
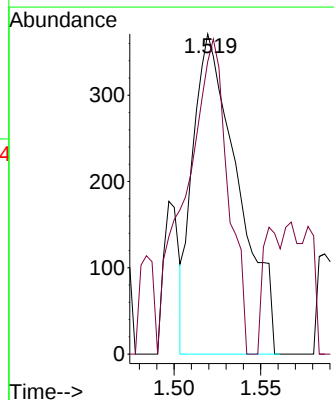
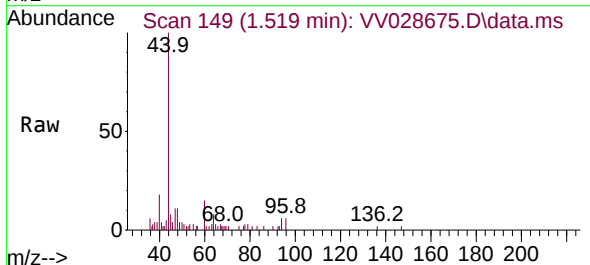
Instrument :
MSVOA_V
ClientSampleId :
BHA54

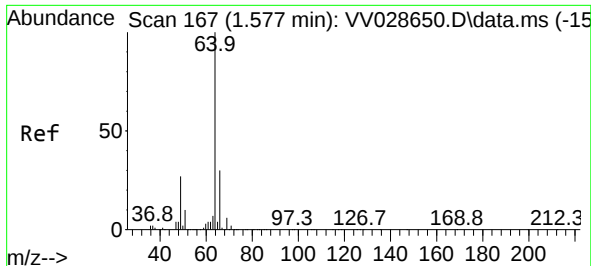
Tgt Ion: 50 Resp: 1287
Ion Ratio Lower Upper
50 100
52 24.1 21.8 40.6



#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.006 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

Tgt Ion: 94 Resp: 672
Ion Ratio Lower Upper
94 100
96 91.4 64.3 119.3

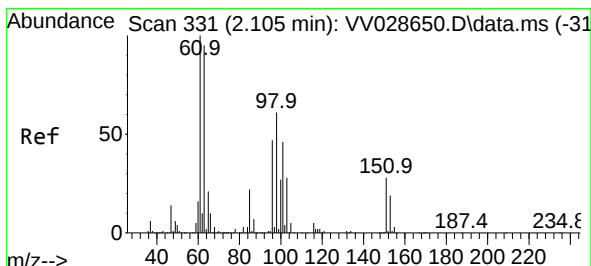
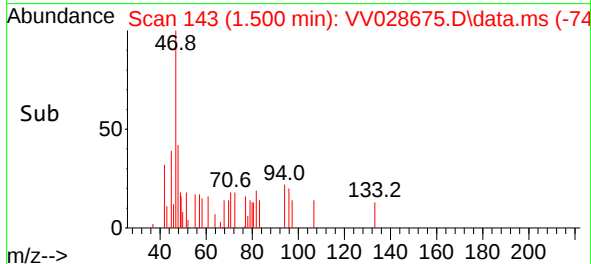
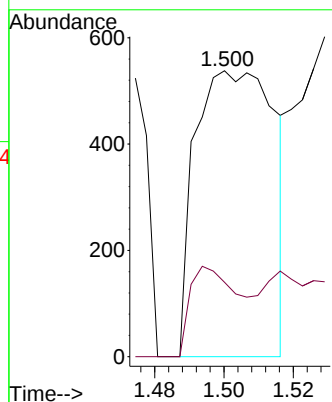
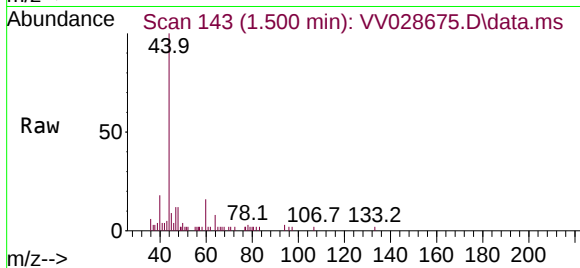




#8
Chloroethane
Concen: 0.079 ug/L
RT: 1.500 min Scan# 143
Delta R.T. -0.077 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

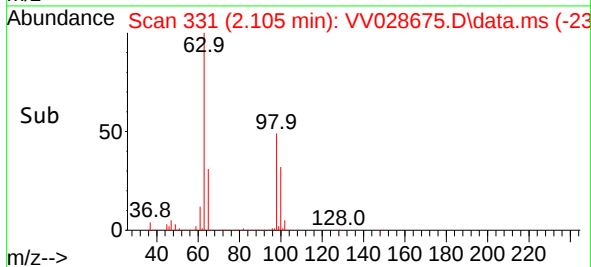
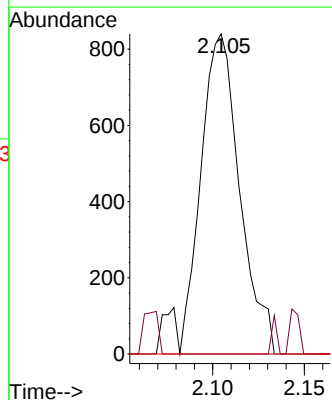
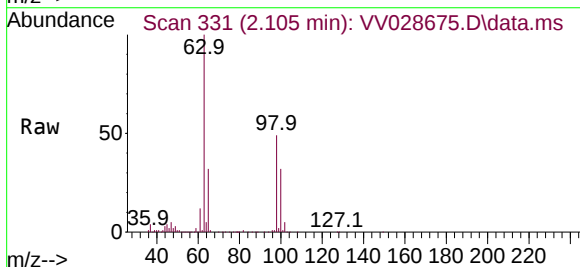
Instrument :
MSVOA_V
ClientSampleId :
BHA54

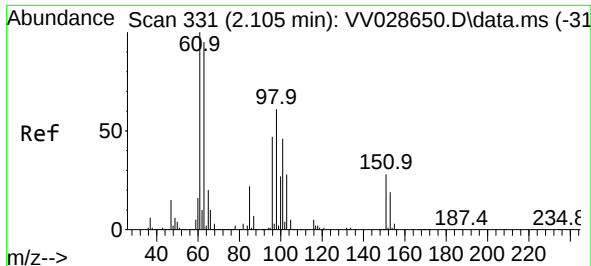
Tgt Ion: 64 Resp: 852
Ion Ratio Lower Upper
64 100
66 26.0 23.9 44.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.106 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

Tgt Ion:101 Resp: 1235
Ion Ratio Lower Upper
101 100
85 1.5 37.0 55.6#
151 0.0 50.2 75.2#





#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.105 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028675.D

Acq: 21 Oct 2022 20:44

Instrument :

MSVOA_V

ClientSampleId :

BHA54

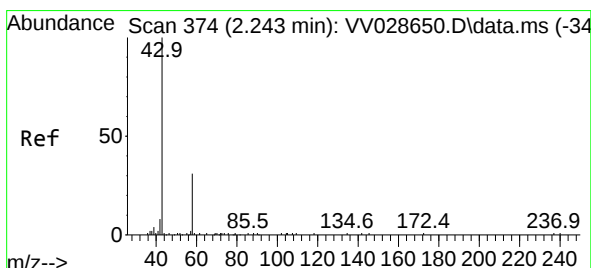
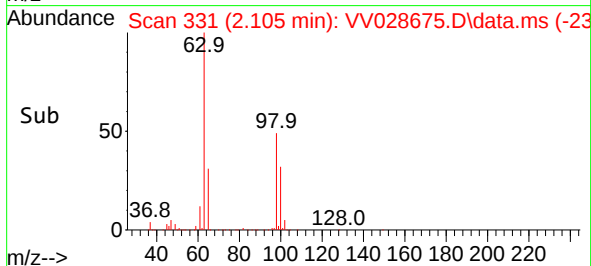
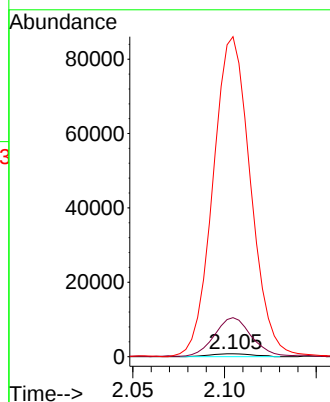
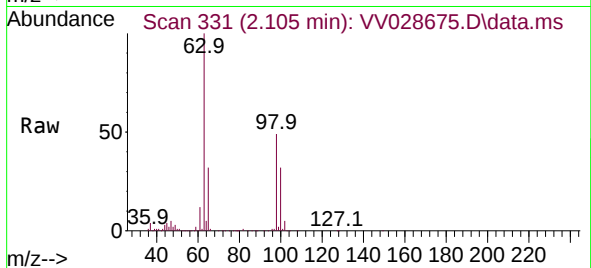
Tgt Ion: 96 Resp: 1293

Ion Ratio Lower Upper

96 100

61 1322.0 148.1 275.1#

63 10823.6 133.3 247.7#



#13

Acetone

Concen: 4.375 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.058 min

Lab File: VV028675.D

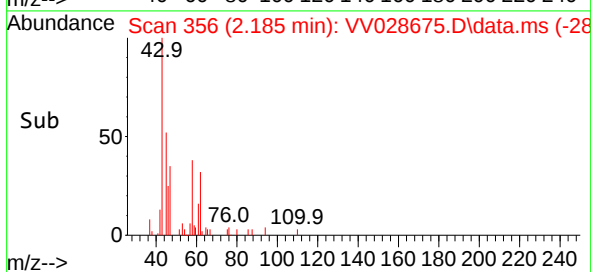
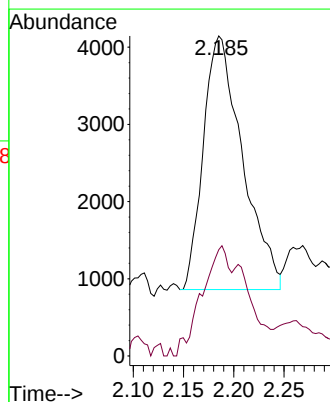
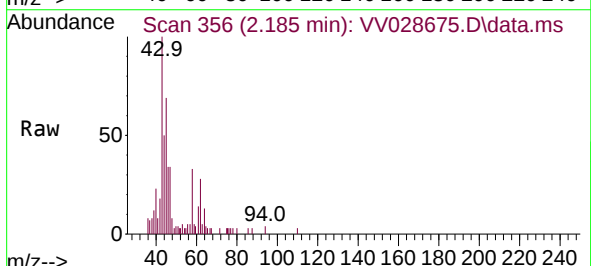
Acq: 21 Oct 2022 20:44

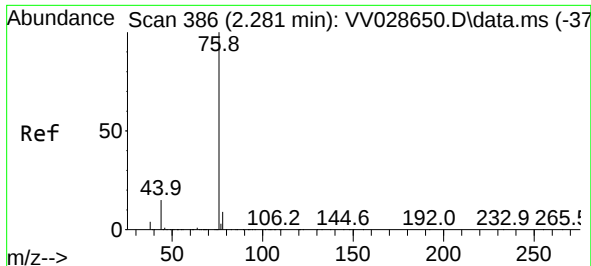
Tgt Ion: 43 Resp: 8904

Ion Ratio Lower Upper

43 100

58 31.0 0.0 50.2

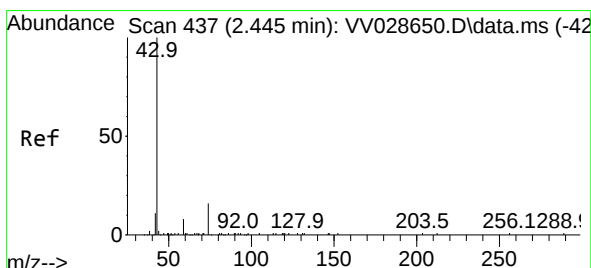
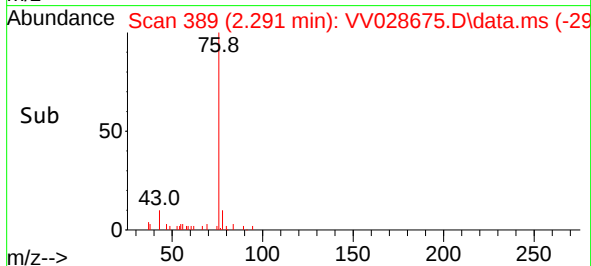
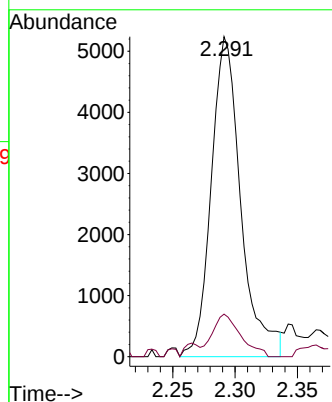
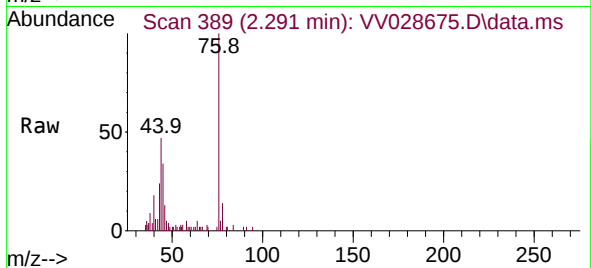




#14
Carbon disulfide
Concen: 0.328 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.010 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

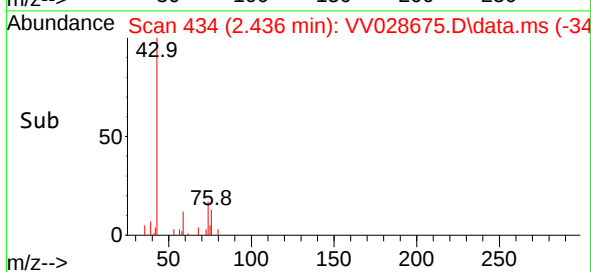
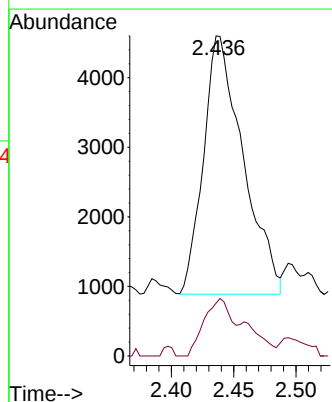
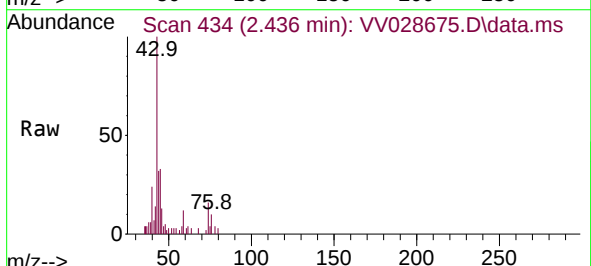
Instrument :
MSVOA_V
ClientSampleId :
BHA54

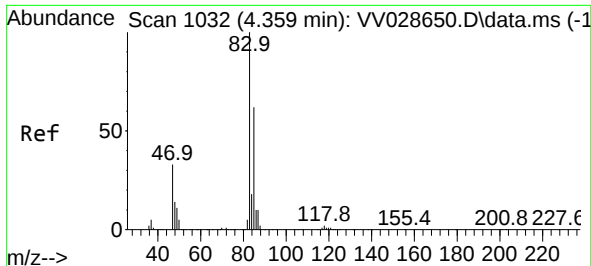
Tgt Ion: 76 Resp: 8644
Ion Ratio Lower Upper
76 100
78 13.3 7.1 10.7#



#15
Methyl Acetate
Concen: 1.358 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.010 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

Tgt Ion: 43 Resp: 8221
Ion Ratio Lower Upper
43 100
74 15.2 14.9 22.3

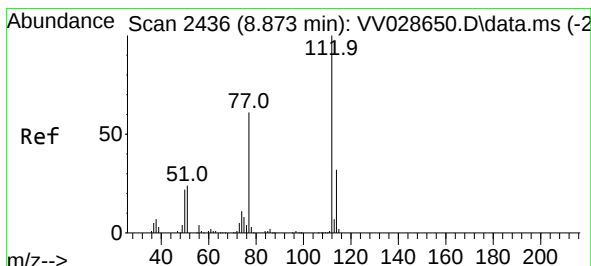
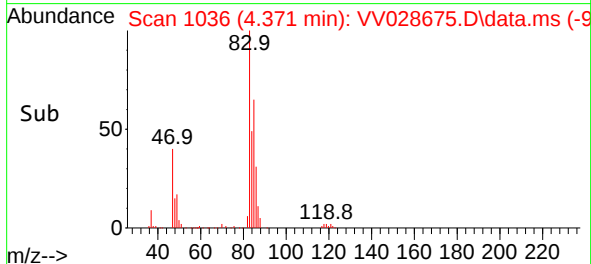
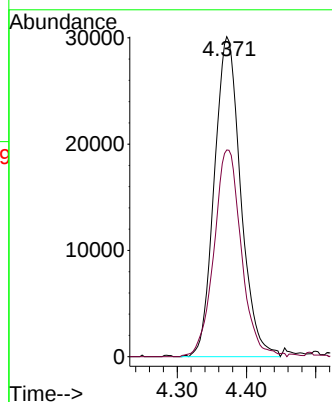
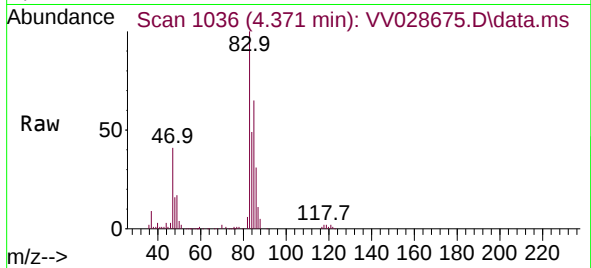




#25
Chloroform
Concen: 2.994 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

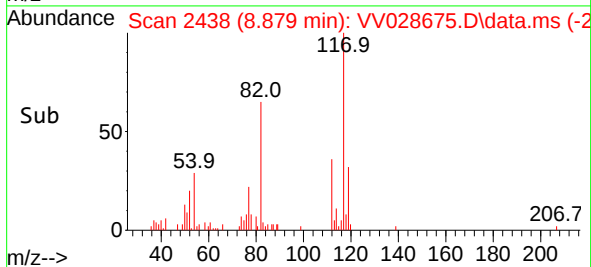
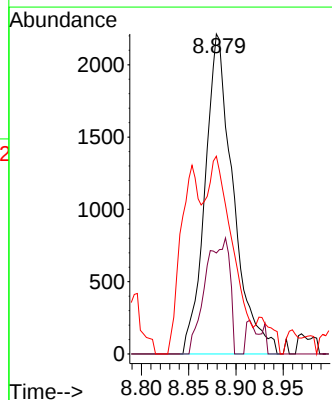
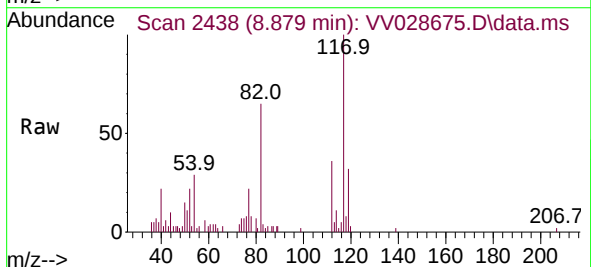
Instrument :
MSVOA_V
ClientSampleId :
BHA54

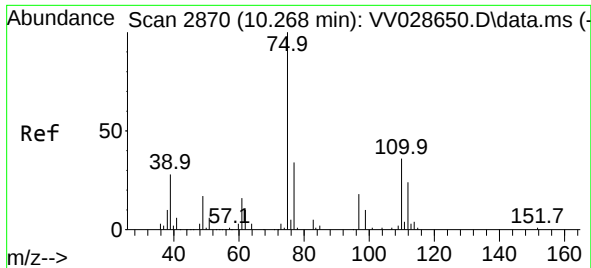
Tgt Ion: 83 Resp: 79461
Ion Ratio Lower Upper
83 100
85 64.6 44.1 81.9



#51
Chlorobenzene
Concen: 0.127 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV028675.D
Acq: 21 Oct 2022 20:44

Tgt Ion: 112 Resp: 4596
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 61.8 50.0 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.560 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028675.D
 Acq: 21 Oct 2022 20:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA54

Tgt Ion: 75 Resp: 11835
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 110 2.4 27.9 41.9#

