

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025133.D
 Acq On : 23 Mar 2022 15:33
 Operator : SY/MD
 Sample : N2083-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

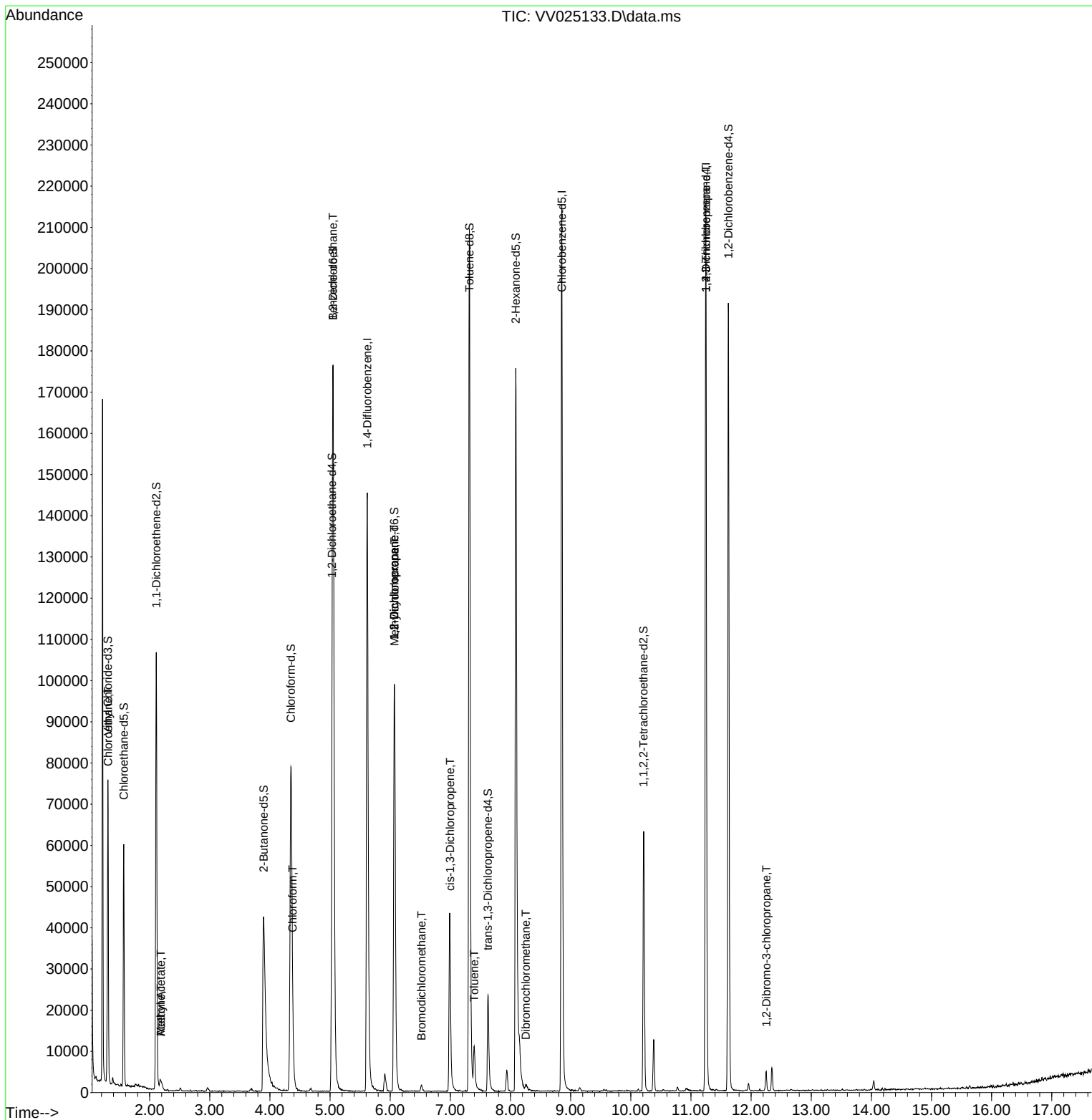
Instrument :
 MSVOA_V
 ClientSampleId :

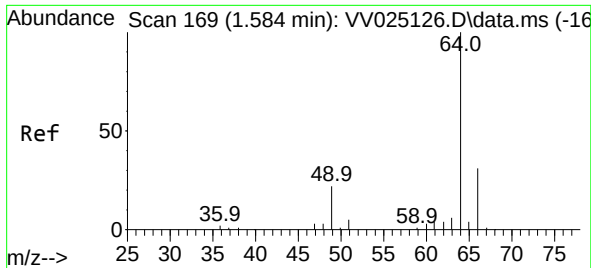
Quant Time: Mar 24 01:16:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133089	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55527	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41937	3.991	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.571	69	36859	4.791	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.111	63	55367	3.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.896	46	87550	68.946	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	137.900%#	
24) Chloroform-d	4.349	84	86446	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.034	65	38127	5.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.050	84	171465	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.069	67	52946	5.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.317	98	144078	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16301	4.484	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	67699	54.591	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.180%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32901	5.363	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49937	5.312	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	551	0.078	ug/L #	1
13) Acetone	2.185	43	4403	5.185	ug/L	87
15) Methyl Acetate	2.185	43	3510	1.509	ug/L #	44
25) Chloroform	4.378	83	5894	0.326	ug/L	94
27) 1,2-Dichloroethane	5.050	62	873	0.097	ug/L #	71
35) Methylcyclohexane	6.072	83	12569	0.733	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5309	0.568	ug/L #	86
38) Bromodichloromethane	6.523	83	1558	0.132	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1041	0.080	ug/L #	48
42) Toluene	7.397	91	9235	0.217	ug/L	95
49) Dibromochloromethane	8.252	129	198	0.028	ug/L	78
61) 1,2,3-Trichloropropane	11.249	75	7005	1.500	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.252	75	111	0.139	ug/L #	1

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

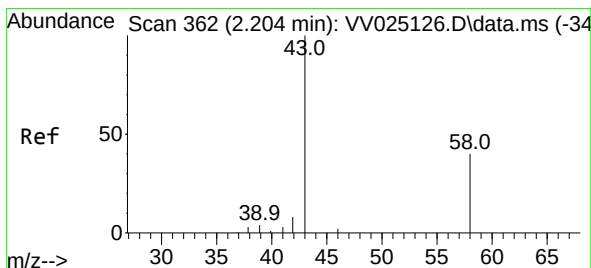
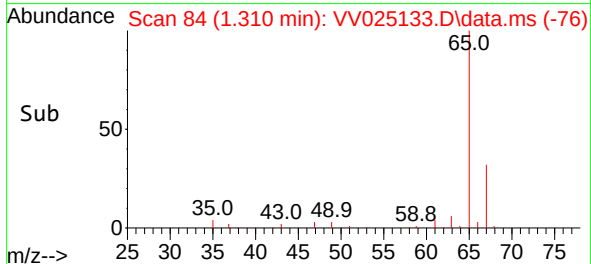
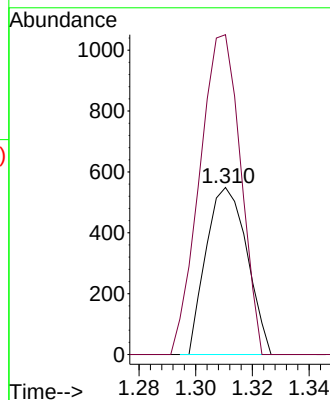
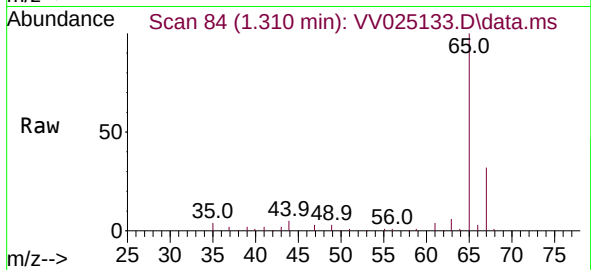




#8
Chloroethane
Concen: 0.078 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025133.D
Acq: 23 Mar 2022 15:33

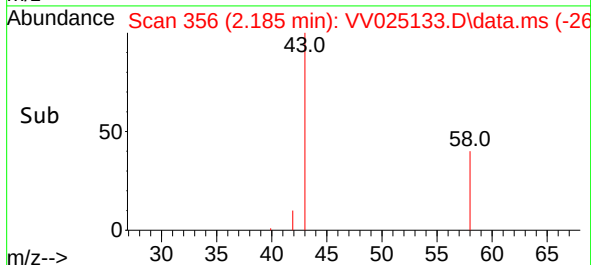
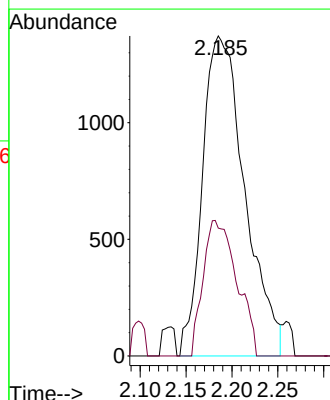
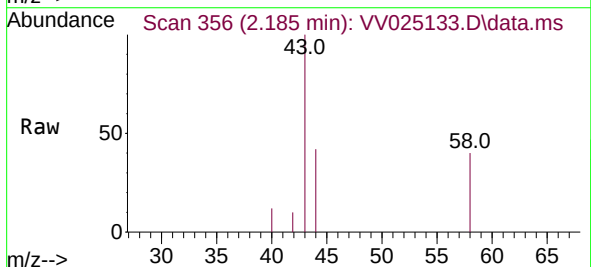
Instrument :
MSVOA_V
ClientSampleId :

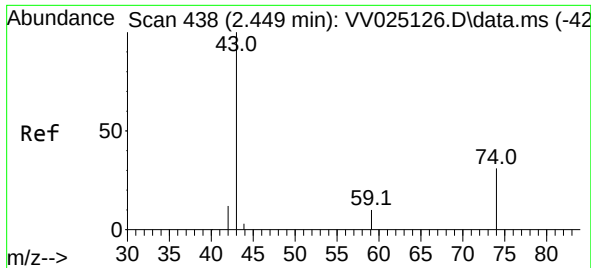
Tgt Ion: 64 Resp: 551
Ion Ratio Lower Upper
64 100
66 191.4 22.5 41.7#



#13
Acetone
Concen: 5.185 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.019 min
Lab File: VV025133.D
Acq: 23 Mar 2022 15:33

Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
58 33.6 0.0 54.2

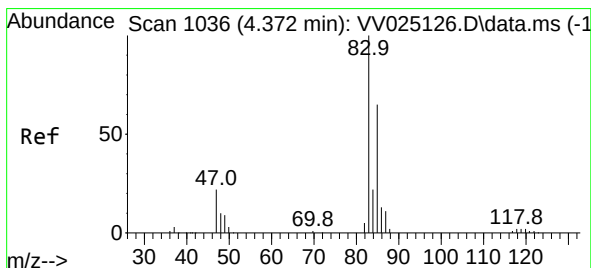
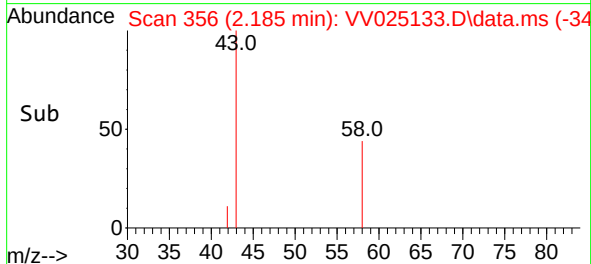
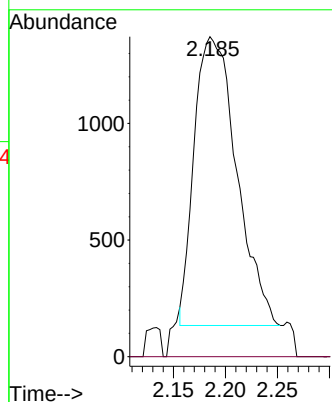
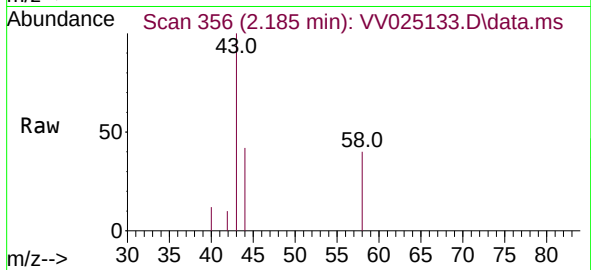




#15
Methyl Acetate
Concen: 1.509 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV025133.D
Acq: 23 Mar 2022 15:33

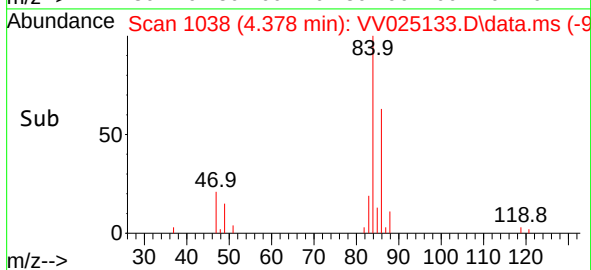
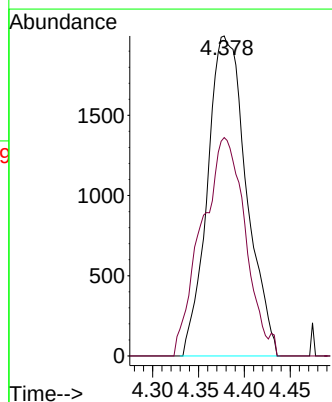
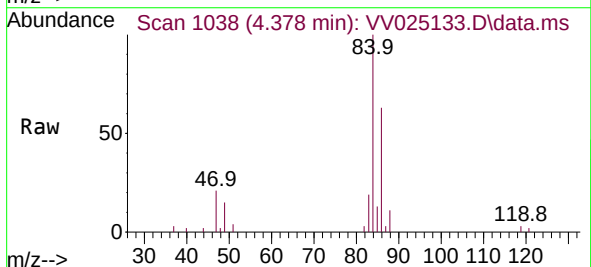
Instrument :
MSVOA_V
ClientSampleId :

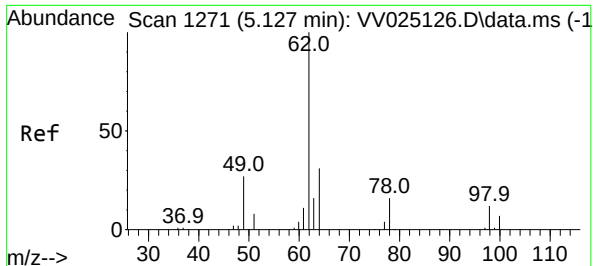
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#25
Chloroform
Concen: 0.326 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025133.D
Acq: 23 Mar 2022 15:33

Tgt Ion: 83 Resp: 5894
Ion Ratio Lower Upper
83 100
85 68.3 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

Instrument :

MSVOA_V

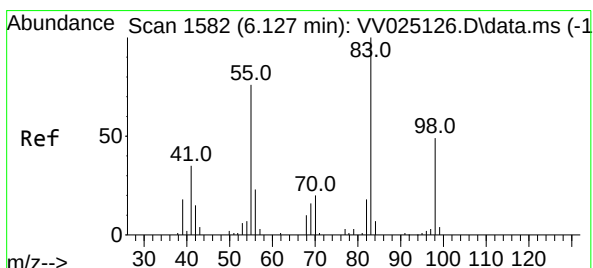
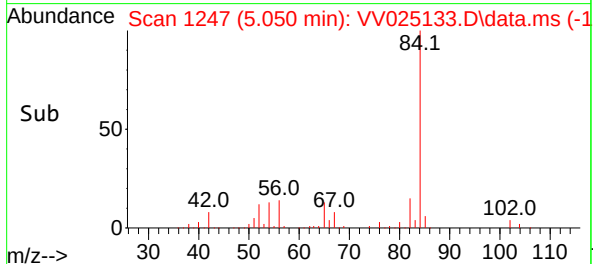
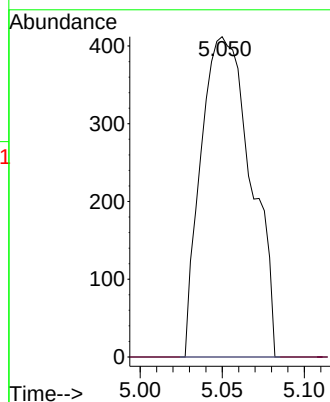
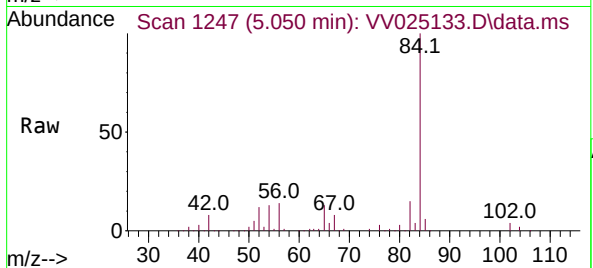
ClientSampleId :

Tgt Ion: 62 Resp: 873

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

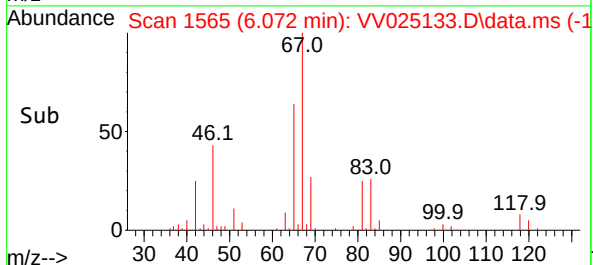
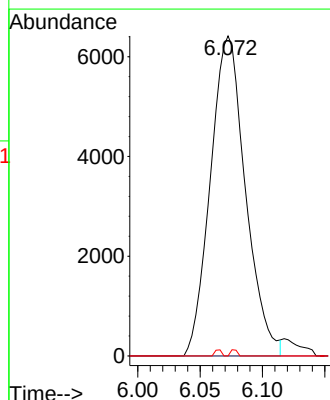
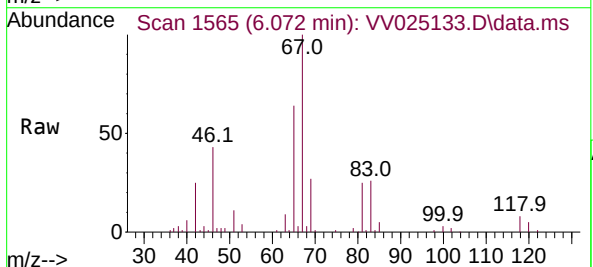
Tgt Ion: 83 Resp: 12569

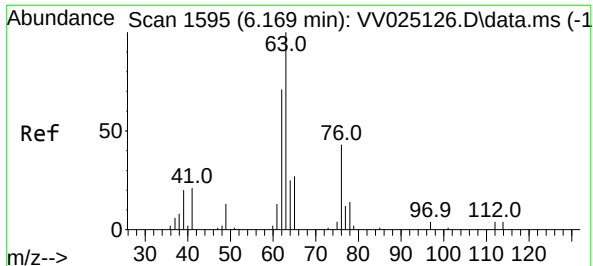
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

Instrument :

MSVOA_V

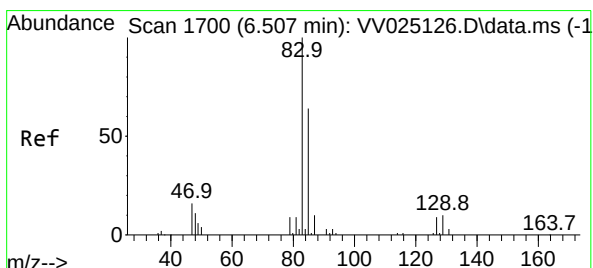
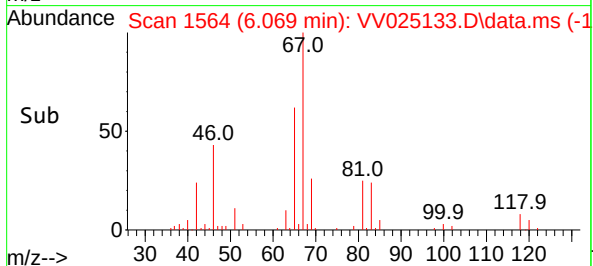
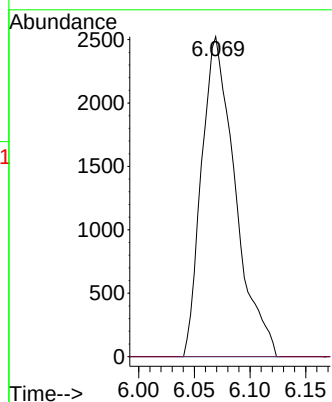
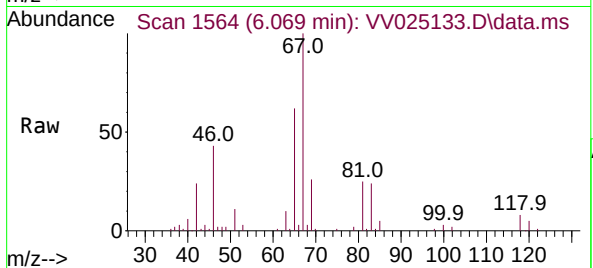
ClientSampleId :

Tgt Ion: 63 Resp: 5309

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.132 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.016 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

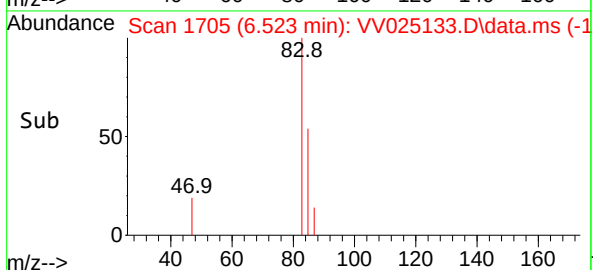
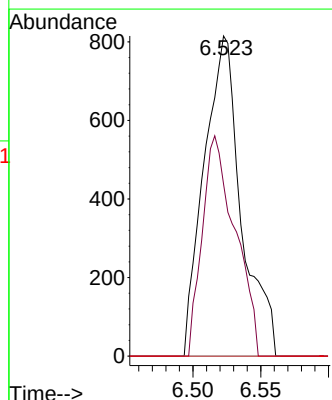
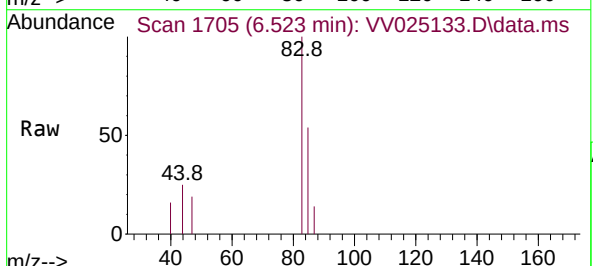
Tgt Ion: 83 Resp: 1558

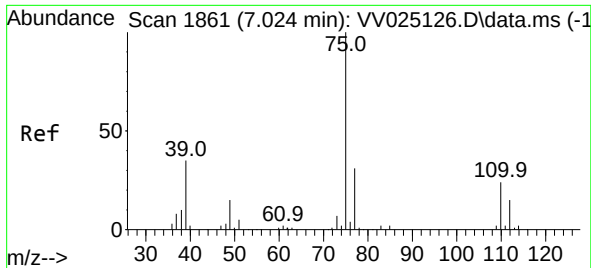
Ion Ratio Lower Upper

83 100

85 53.7 44.8 83.2

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

Instrument :

MSVOA_V

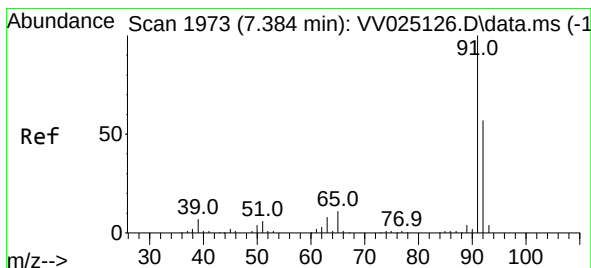
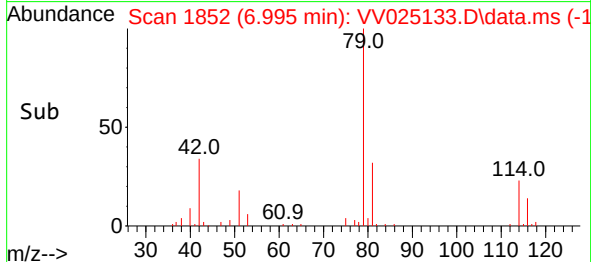
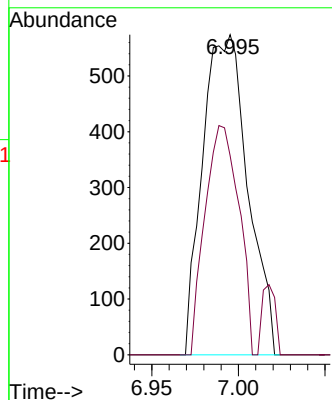
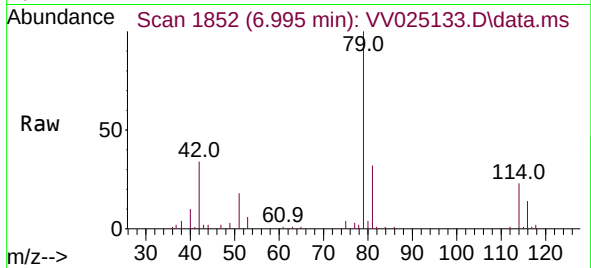
ClientSampleId :

Tgt Ion: 75 Resp: 1041

Ion Ratio Lower Upper

75 100

77 62.2 23.0 42.8#



#42

Toluene

Concen: 0.217 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025133.D

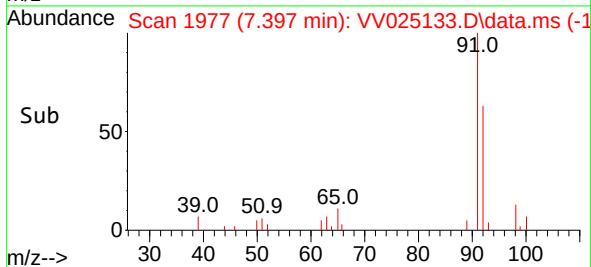
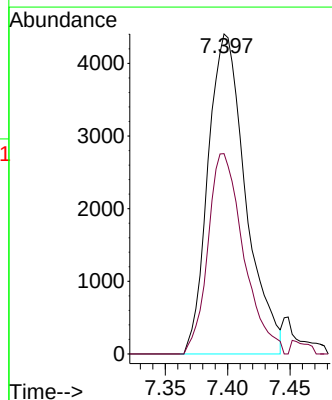
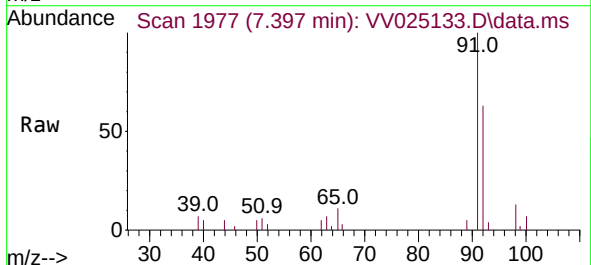
Acq: 23 Mar 2022 15:33

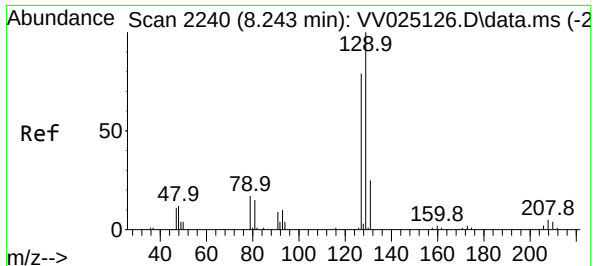
Tgt Ion: 91 Resp: 9235

Ion Ratio Lower Upper

91 100

92 62.6 41.2 76.4





#49

Dibromochloromethane

Concen: 0.028 ug/L

RT: 8.252 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

Instrument :

MSVOA_V

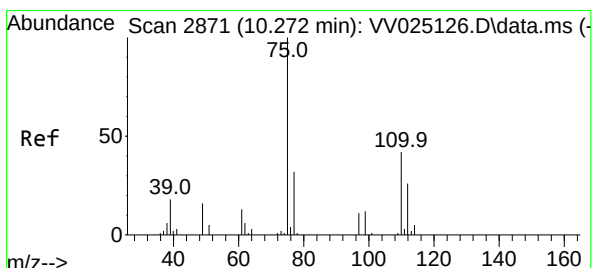
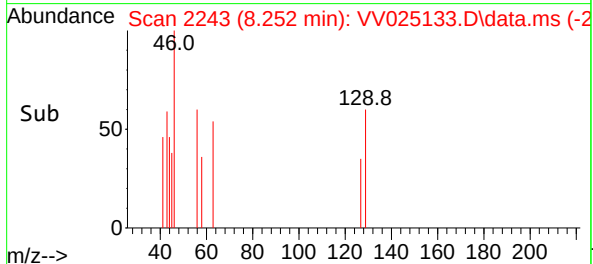
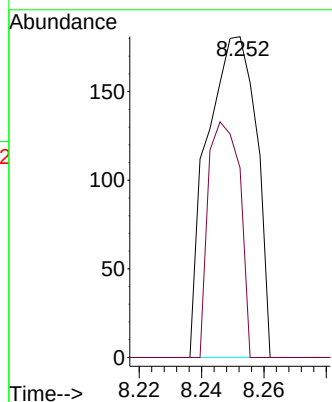
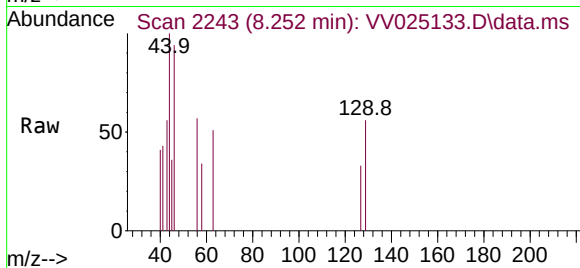
ClientSampleId :

Tgt Ion:129 Resp: 198

Ion Ratio Lower Upper

129 100

127 59.1 54.9 102.1



#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025133.D

Acq: 23 Mar 2022 15:33

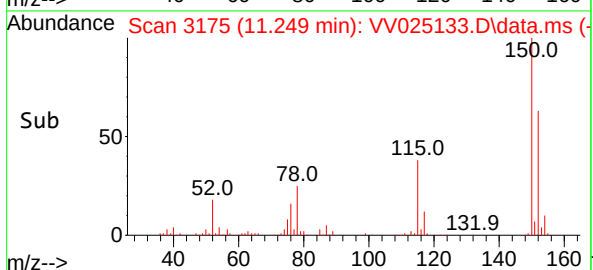
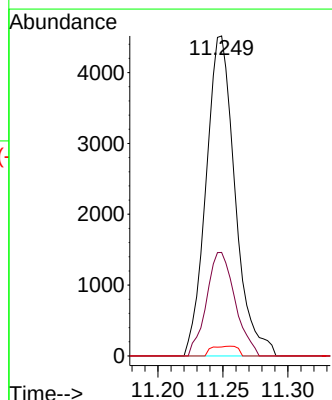
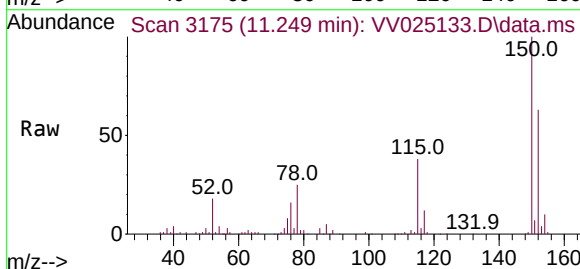
Tgt Ion: 75 Resp: 7005

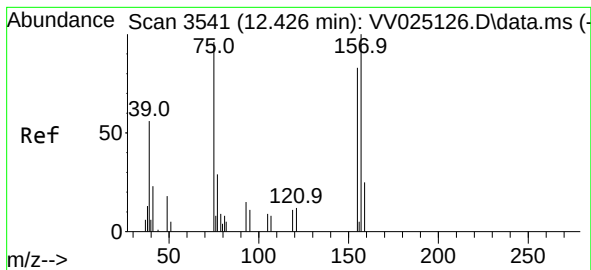
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

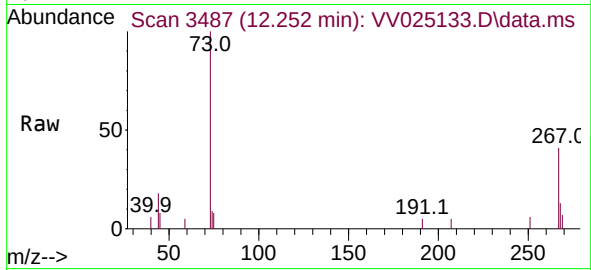
110 2.7 31.2 46.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.139 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025133.D
 Acq: 23 Mar 2022 15:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 111
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

