

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025098.D
 Acq On : 18 Mar 2022 15:22
 Operator : SY/MD
 Sample : N2018-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Q79

Quant Time: Mar 19 00:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

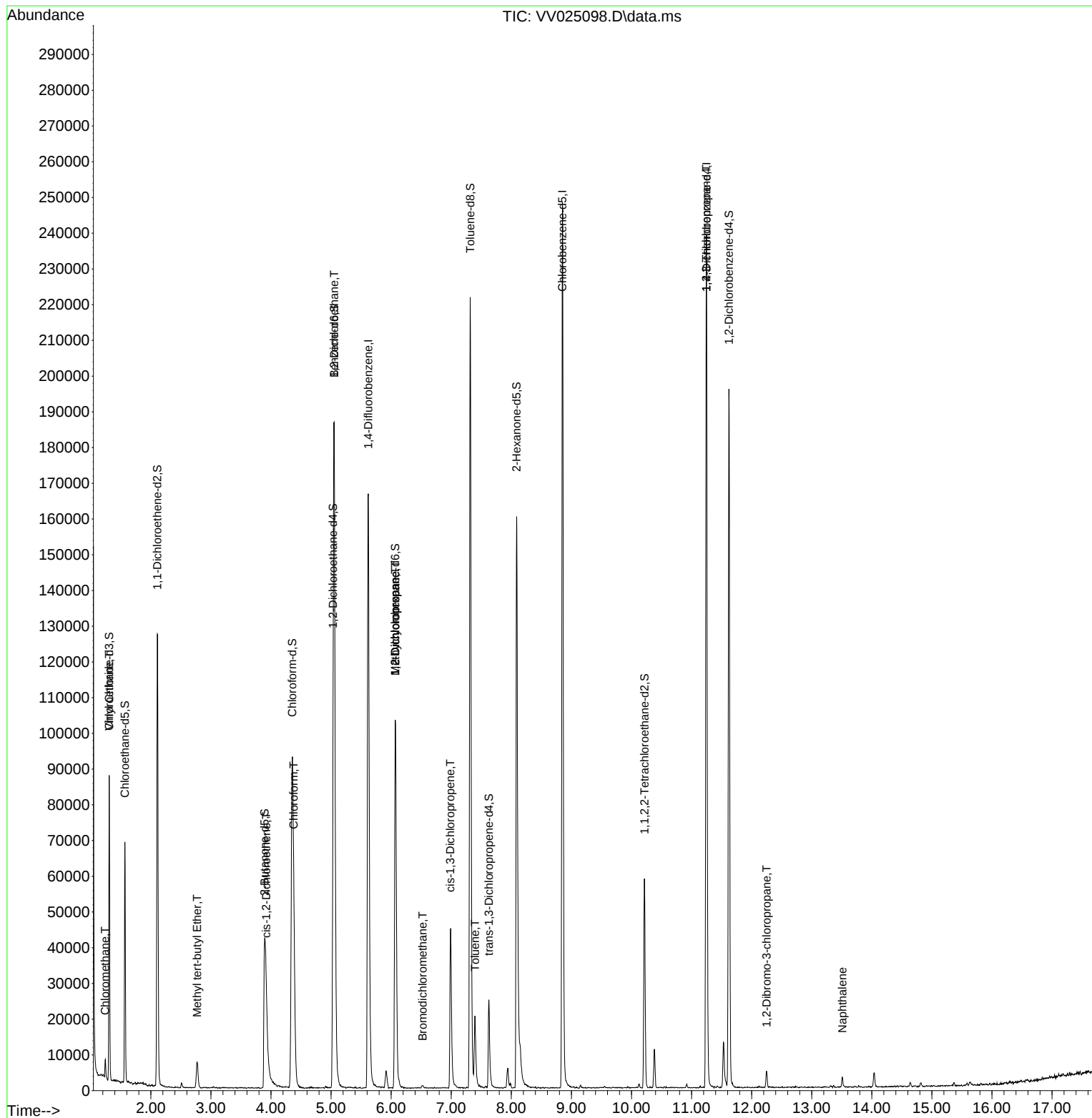
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153112	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52466	4.340	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.568	69	40853	4.615	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.108	63	66353	3.396	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.892	46	75201	51.477	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.960%	
24) Chloroform-d	4.352	84	89437	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.034	65	38236	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.050	84	179817	4.325	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.069	67	53137	4.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.317	98	154458	4.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16297	3.910	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.088	63	59751	42.030	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30095	4.279	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49917	4.656	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3415	0.268	ug/L	95
8) Chloroethane	1.307	64	652	0.080	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	8025	0.378	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	5700	0.481	ug/L	95
25) Chloroform	4.378	83	42015	2.020	ug/L	98
27) 1,2-Dichloroethane	5.050	62	547	0.053	ug/L #	71
35) Methylcyclohexane	6.069	83	13053	0.664	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5419	0.506	ug/L #	86
38) Bromodichloromethane	6.523	83	879	0.065	ug/L #	94
39) cis-1,3-Dichloropropene	6.986	75	1188	0.080	ug/L	83
42) Toluene	7.394	91	16287	0.334	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	8093	1.519	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.249	75	112	0.123	ug/L #	1
71) Naphthalene	13.509	128	3151	0.166	ug/L #	88

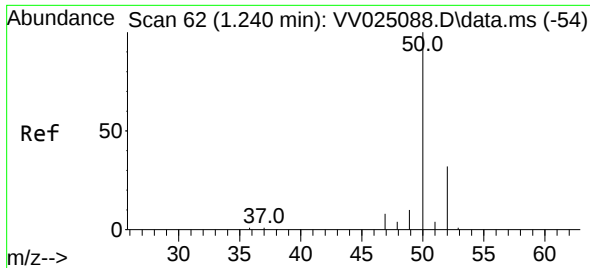
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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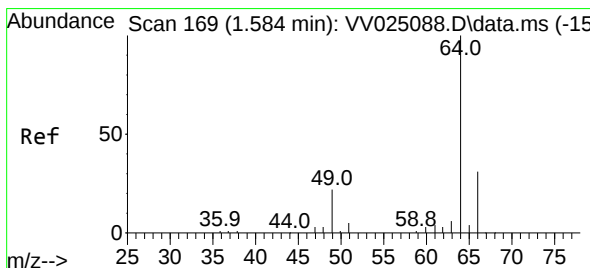
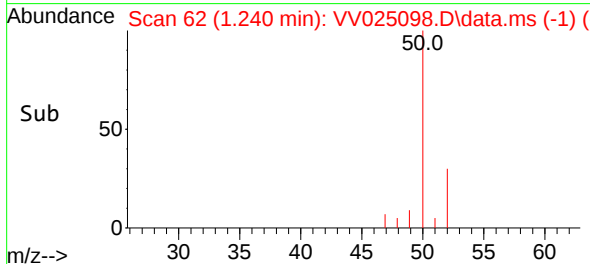
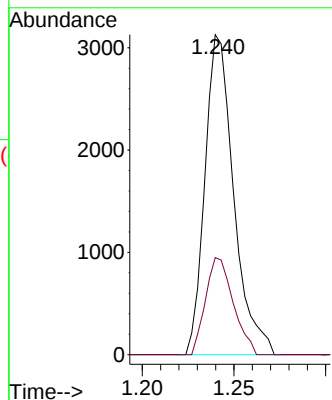
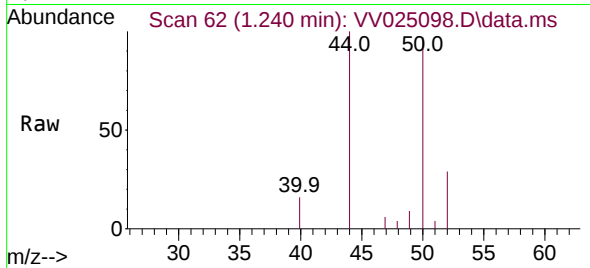




#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

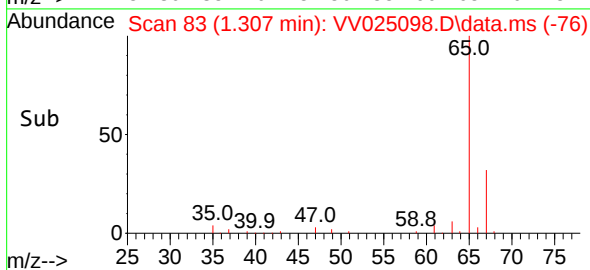
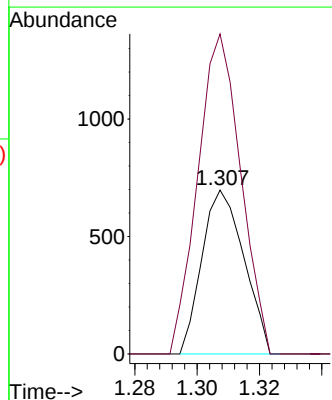
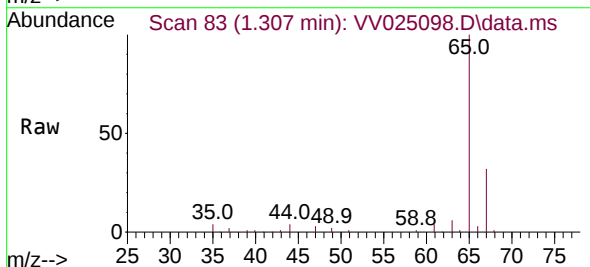
Instrument :
MSVOA_V
ClientSampleId :
C0Q79

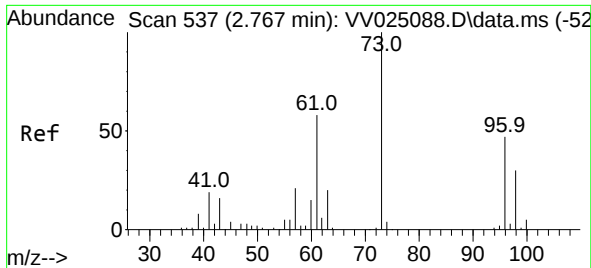
Tgt Ion: 50 Resp: 3415
Ion Ratio Lower Upper
50 100
52 30.3 23.2 43.2



#8
Chloroethane
Concen: 0.080 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

Tgt Ion: 64 Resp: 652
Ion Ratio Lower Upper
64 100
66 195.4 22.5 41.7#

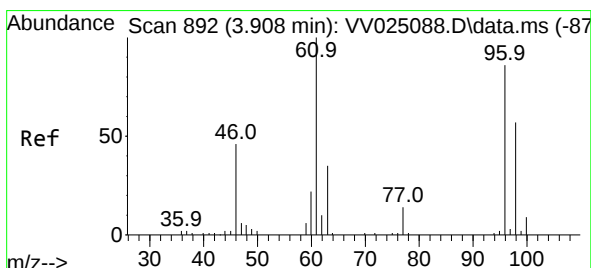
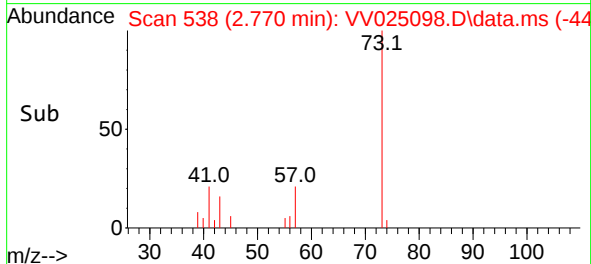
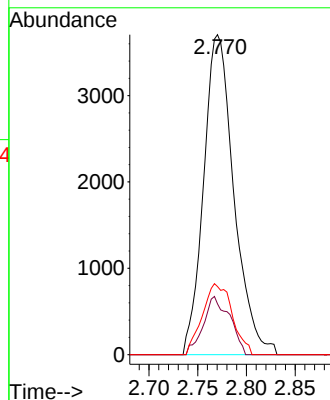
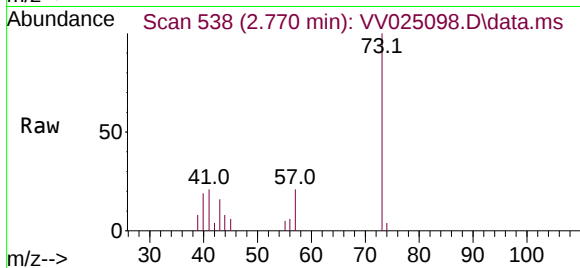




#17
Methyl tert-butyl Ether
Concen: 0.378 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

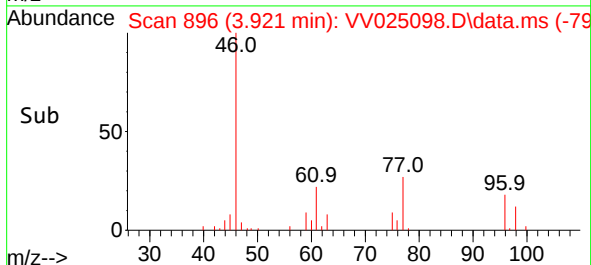
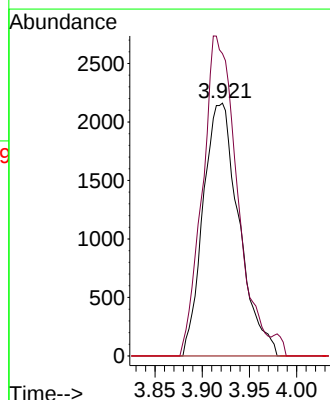
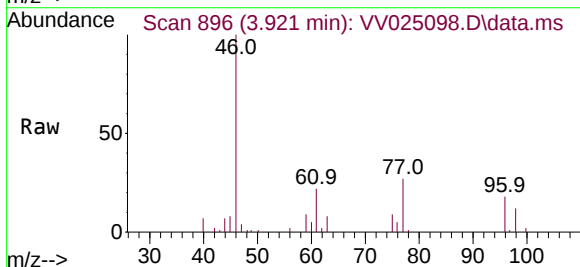
Instrument :
MSVOA_V
ClientSampleId :
C0Q79

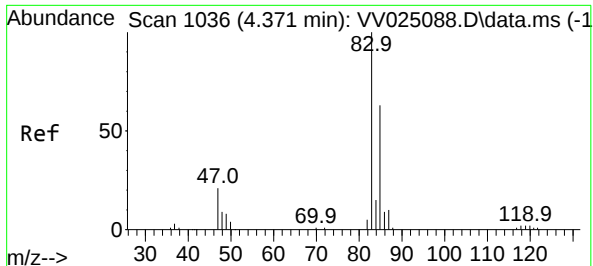
Tgt Ion: 73	Resp:	8025
Ion	Ratio	Lower Upper
73	100	
43	15.8	13.2 19.8
57	21.8	16.7 25.1



#22
cis-1,2-Dichloroethene
Concen: 0.481 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

Tgt Ion: 96	Resp:	5700
Ion	Ratio	Lower Upper
96	100	
61	119.6	79.7 147.9
68	0.0	0.0 0.0





#25

Chloroform

Concen: 2.020 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

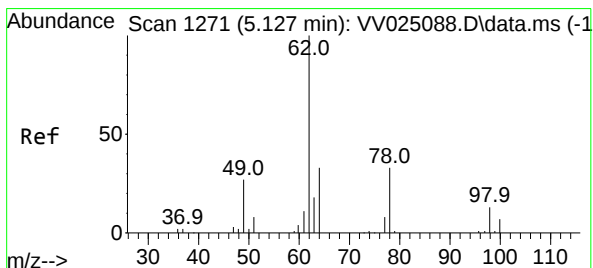
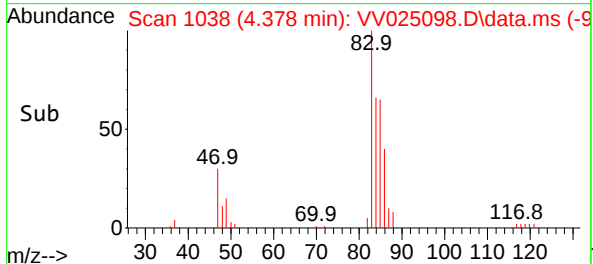
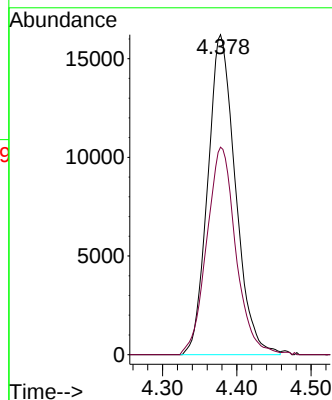
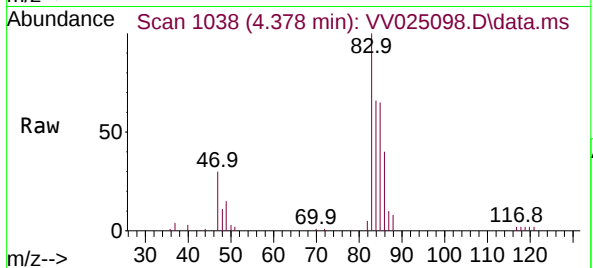
C0Q79

Tgt Ion: 83 Resp: 42015

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.053 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025098.D

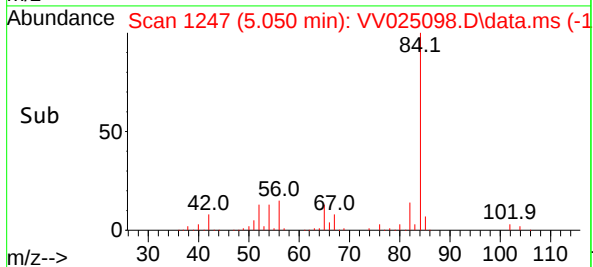
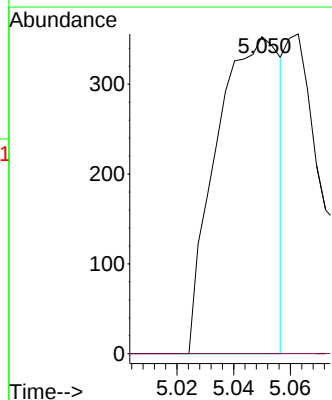
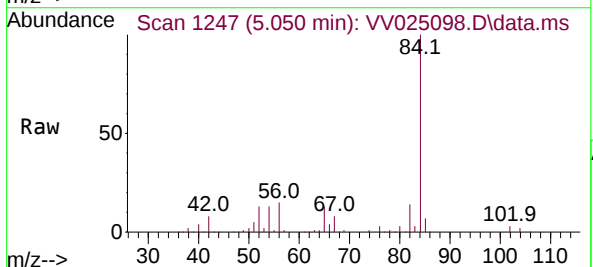
Acq: 18 Mar 2022 15:22

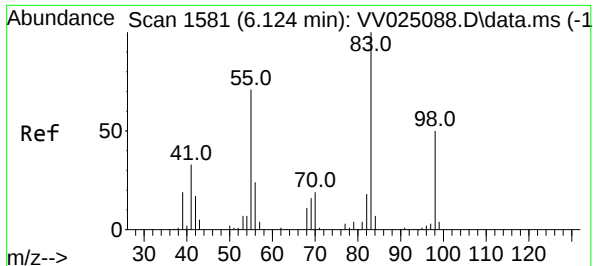
Tgt Ion: 62 Resp: 547

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

C0Q79

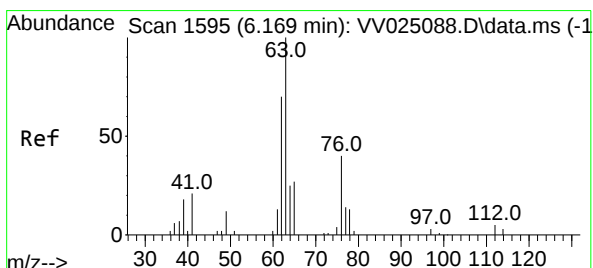
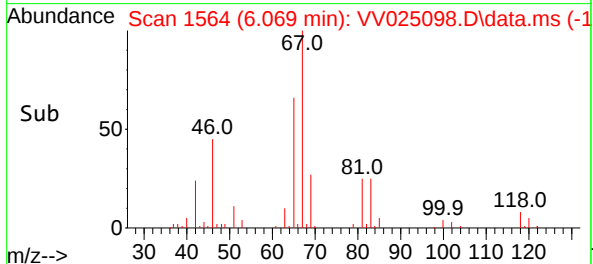
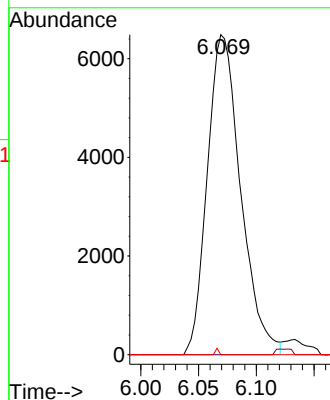
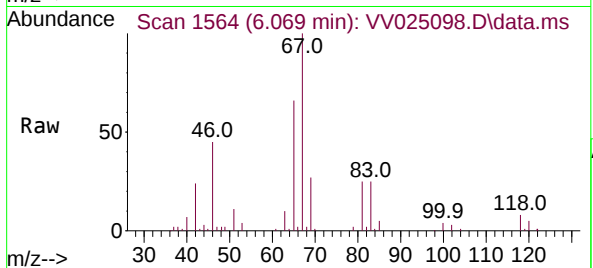
Tgt Ion: 83 Resp: 13053

Ion Ratio Lower Upper

83 100

55 0.8 55.4 83.0#

98 0.2 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025098.D

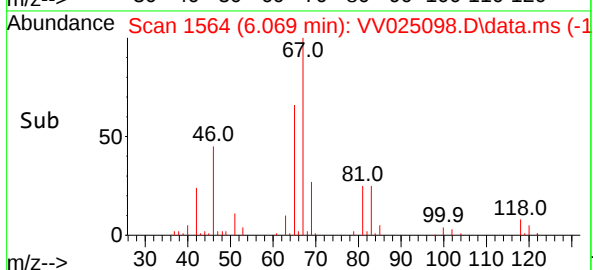
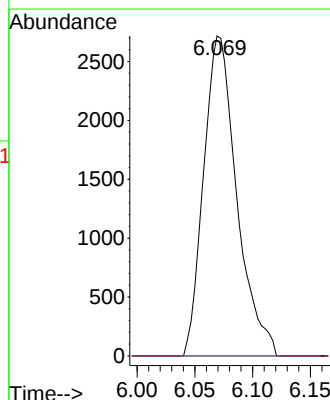
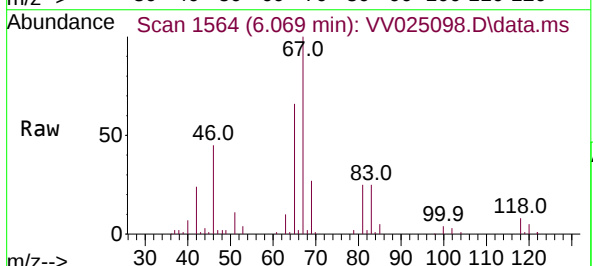
Acq: 18 Mar 2022 15:22

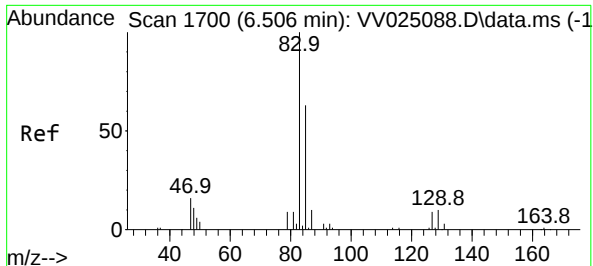
Tgt Ion: 63 Resp: 5419

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

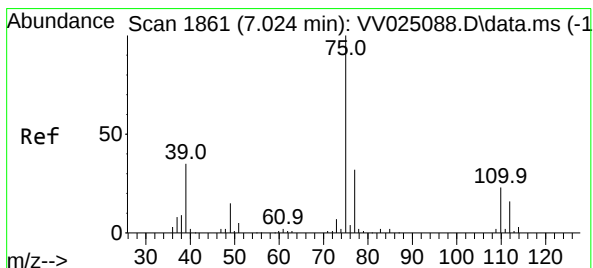
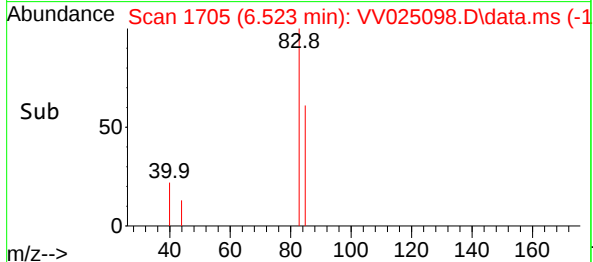
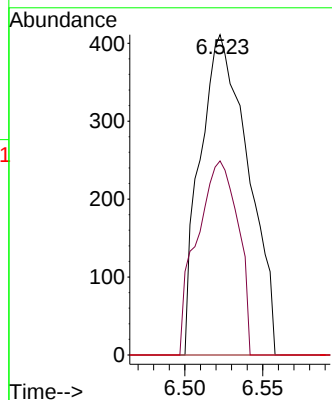
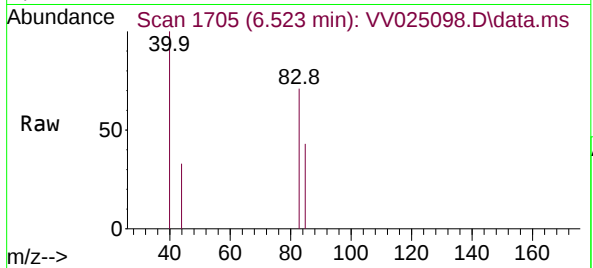




#38
Bromodichloromethane
Concen: 0.065 ug/L
RT: 6.523 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

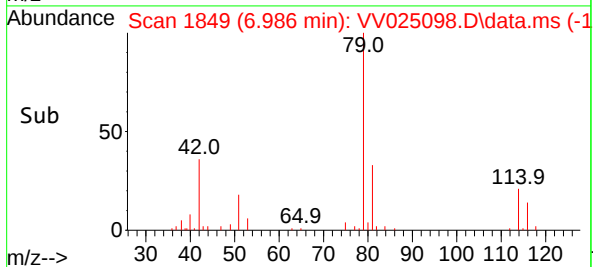
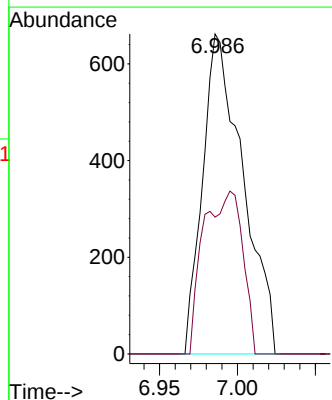
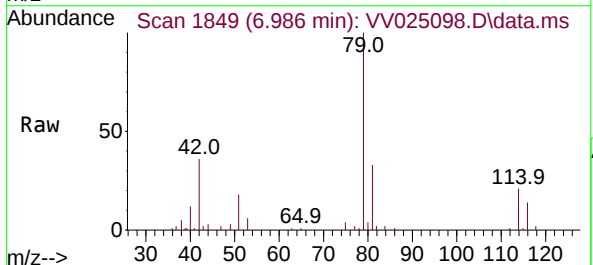
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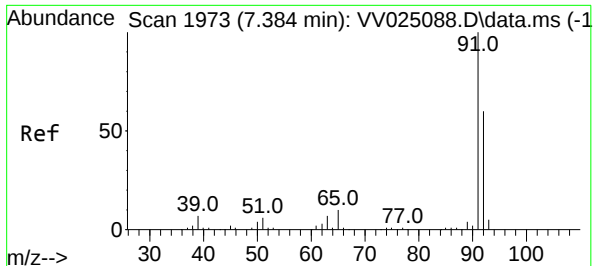
Tgt Ion: 83 Resp: 879
Ion Ratio Lower Upper
83 100
85 60.6 44.8 83.2
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV025098.D
Acq: 18 Mar 2022 15:22

Tgt Ion: 75 Resp: 1188
Ion Ratio Lower Upper
75 100
77 42.7 23.0 42.8





#42

Toluene

Concen: 0.334 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

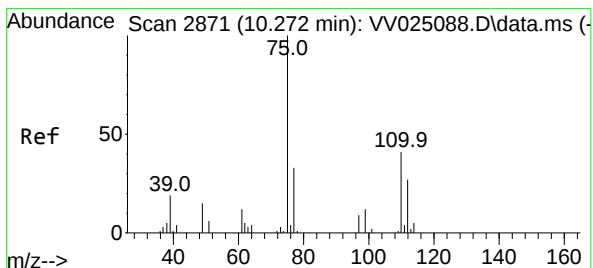
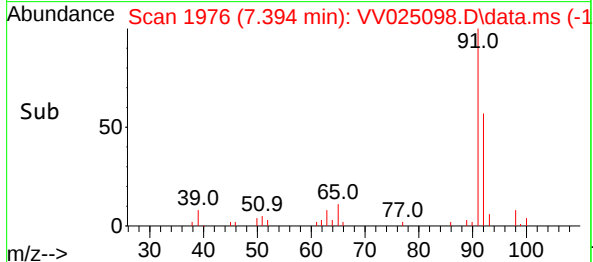
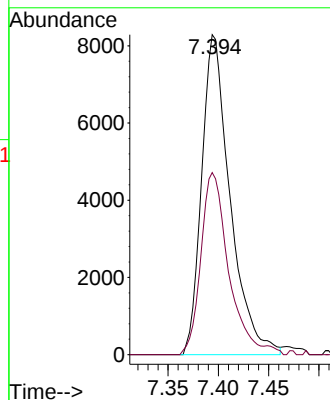
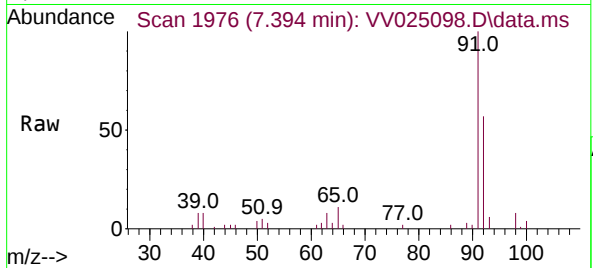
C0Q79

Tgt Ion: 91 Resp: 16287

Ion Ratio Lower Upper

91 100

92 56.9 41.2 76.4



#61

1,2,3-Trichloropropane

Concen: 1.519 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

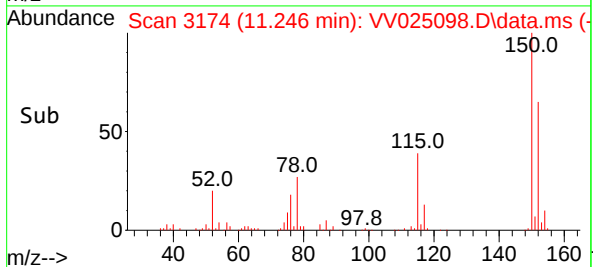
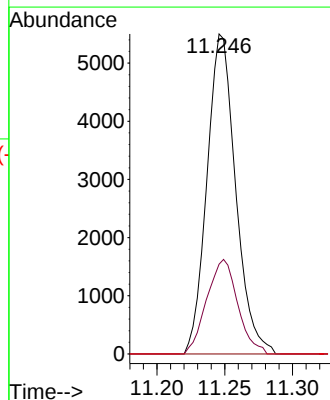
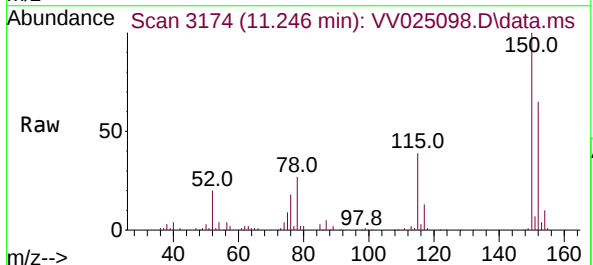
Tgt Ion: 75 Resp: 8093

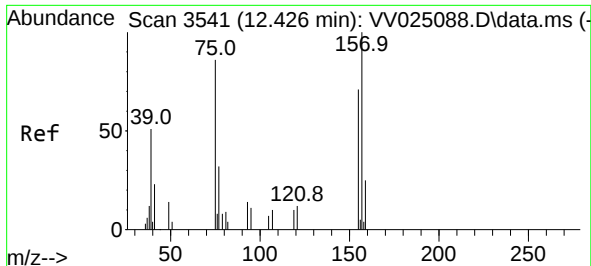
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 0.0 31.2 46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.123 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

Instrument :

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C0Q79

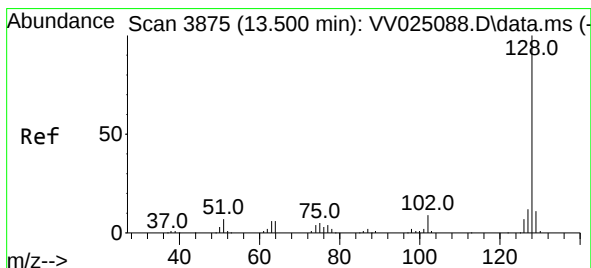
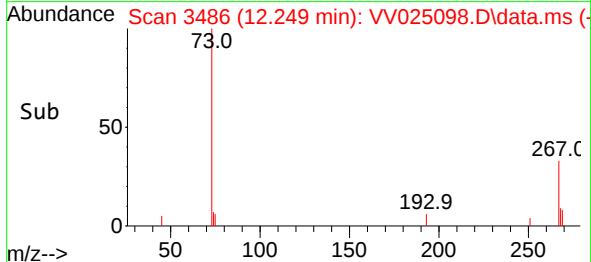
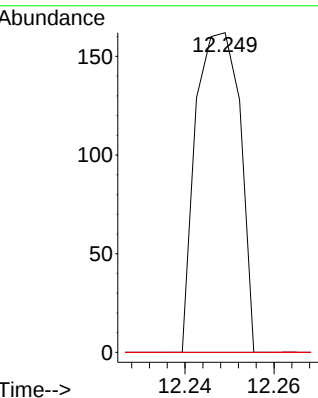
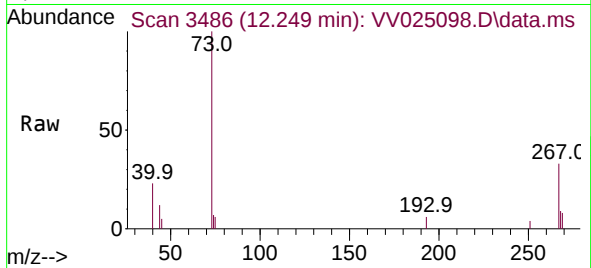
Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#



#71

Naphthalene

Concen: 0.166 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV025098.D

Acq: 18 Mar 2022 15:22

Tgt Ion: 128 Resp: 3151

Ion Ratio Lower Upper

128 100

129 6.6 8.5 12.7#

127 6.9 9.8 14.8#

