

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
 Data File : VV030200.D
 Acq On : 14 Mar 2023 17:09
 Operator : SY/MD
 Sample : 01906-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM98

Quant Time: Mar 15 01:40:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 15 01:37:04 2023
 Response via : Initial Calibration

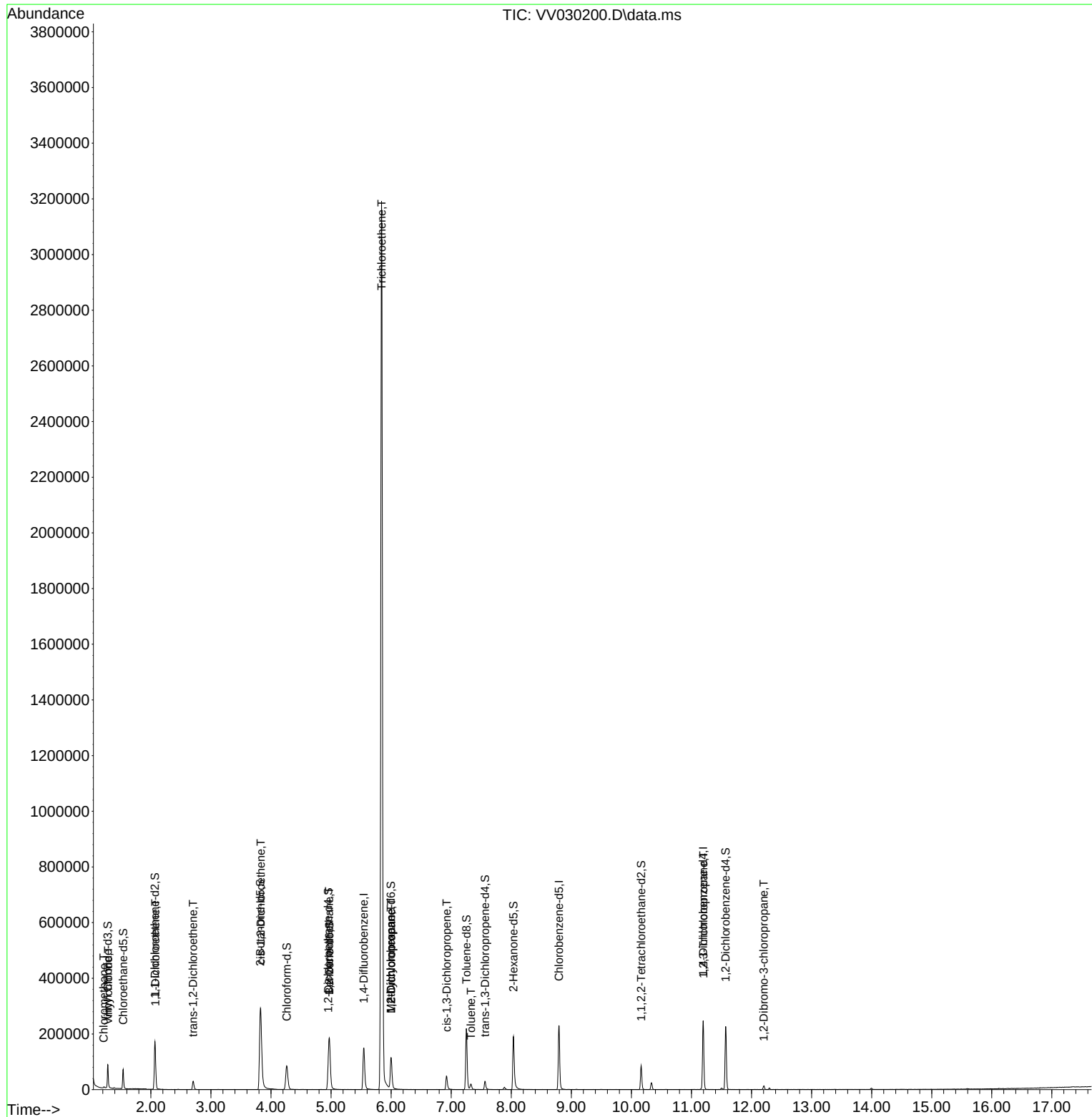
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	135967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	136878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51588	5.864	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.200%	
7) Chloroethane-d5	1.539	69	45772	5.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.800%	
11) 1,1-Dichloroethene-d2	2.066	63	83650	4.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.822	46	86305	53.208	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.420%	
24) Chloroform-d	4.262	84	98185	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	4.953	65	42227	5.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
32) Benzene-d6	4.973	84	184176	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	5.998	67	59403	5.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.200%	
41) Toluene-d8	7.252	98	156998	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.564	79	19490	5.141	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.800%	
46) 2-Hexanone-d5	8.037	63	72943	46.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.020%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41949	5.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	63304	5.366	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2915	0.167	ug/L	99
5) Vinyl chloride	1.288	62	6651	0.574	ug/L	84
12) 1,1-Dichloroethene	2.076	96	17181	1.883	ug/L #	18
18) trans-1,2-Dichloroethene	2.703	96	12399	1.428	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	154030	16.054	ug/L	99
27) 1,2-Dichloroethane	4.966	62	989	0.112	ug/L #	71
34) Trichloroethene	5.841	95	1134427	108.301	ug/L	99
35) Methylcyclohexane	5.998	83	14792	0.933	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	6230	0.655	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1150	0.083	ug/L #	25
42) Toluene	7.329	91	14755	0.364	ug/L	99
61) 1,2,3-Trichloropropane	11.197	75	7456	1.598	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.204	75	376	0.361	ug/L #	16

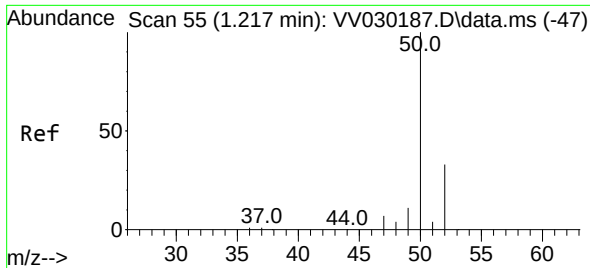
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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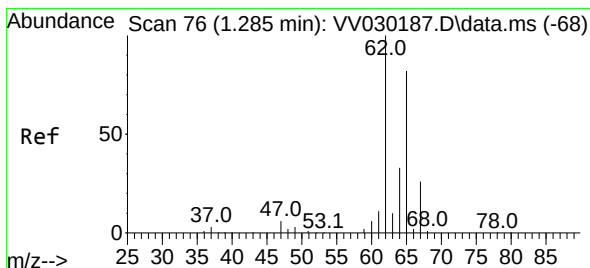
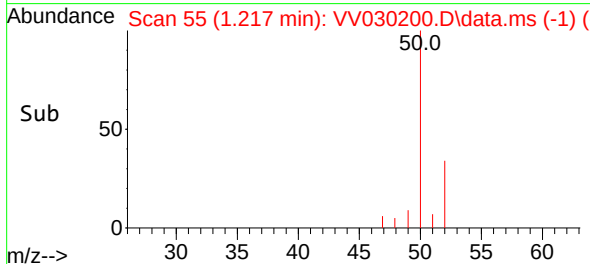
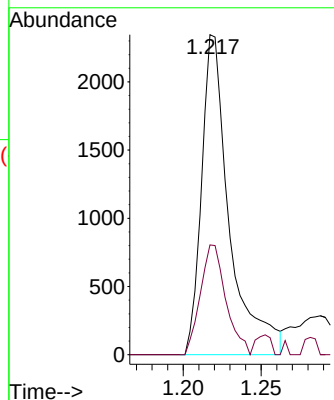
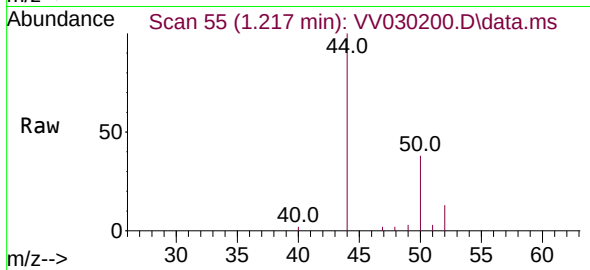




#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

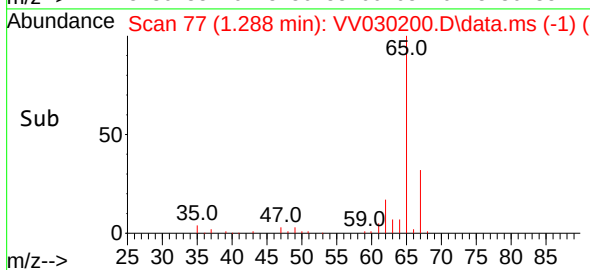
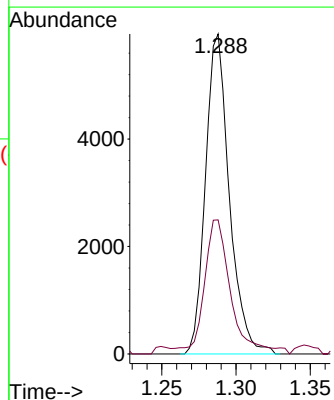
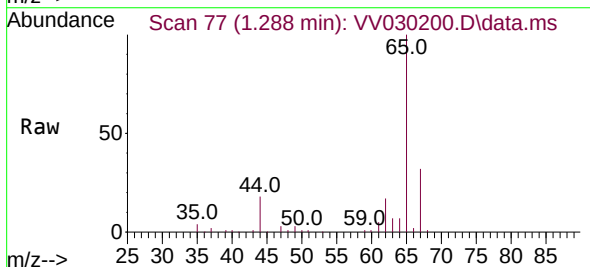
Instrument :
MSVOA_V
ClientSampleId :
COM98

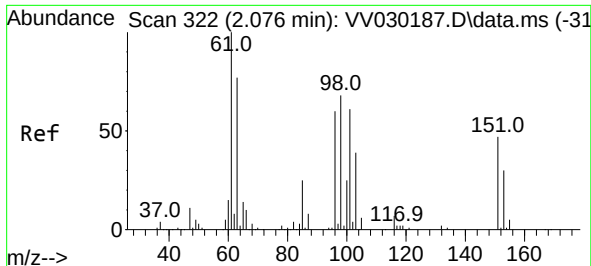
Tgt Ion: 50 Resp: 2915
Ion Ratio Lower Upper
50 100
52 34.3 23.6 43.8



#5
Vinyl chloride
Concen: 0.574 ug/L
RT: 1.288 min Scan# 77
Delta R.T. 0.003 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

Tgt Ion: 62 Resp: 6651
Ion Ratio Lower Upper
62 100
64 41.9 23.1 42.9

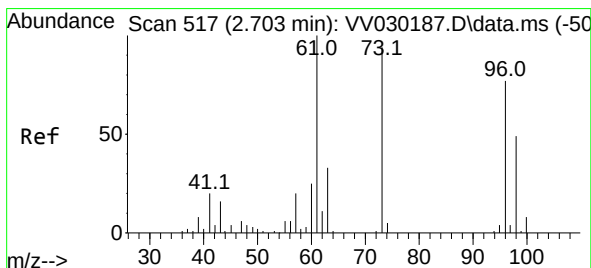
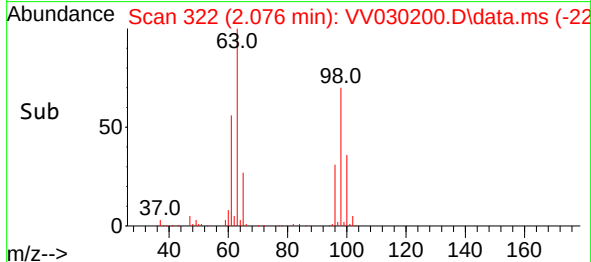
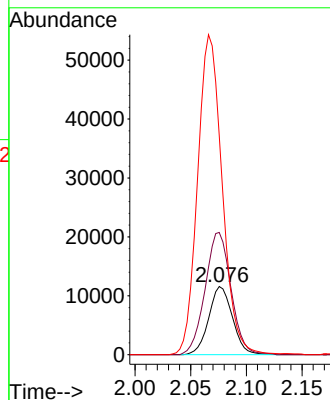
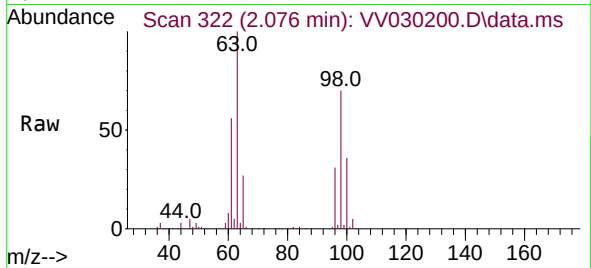




#12
1,1-Dichloroethene
Concen: 1.883 ug/L
RT: 2.076 min Scan# 312
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

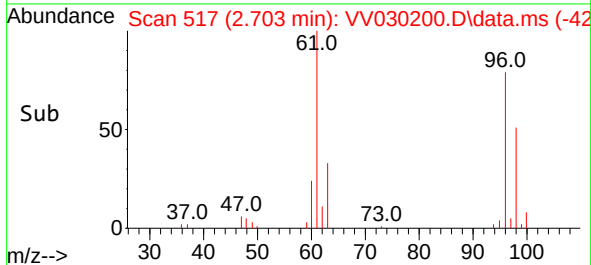
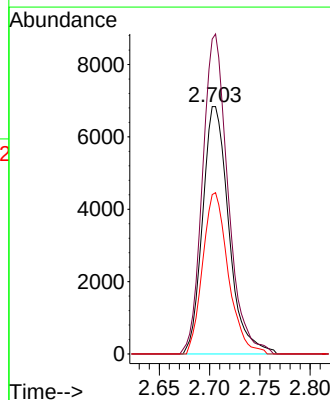
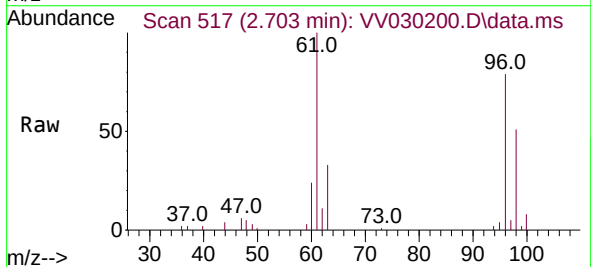
Instrument :
MSVOA_V
ClientSampleId :
COM98

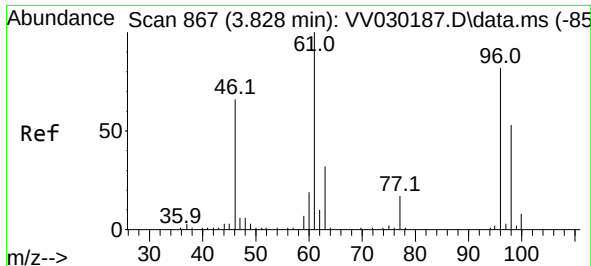
Tgt Ion: 96 Resp: 17181
Ion Ratio Lower Upper
96 100
61 179.3 115.6 214.6
63 321.8 85.6 159.0#



#18
trans-1,2-Dichloroethene
Concen: 1.428 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030200.D
Acq: 14 Mar 2023 17:09

Tgt Ion: 96 Resp: 12399
Ion Ratio Lower Upper
96 100
61 127.3 91.0 169.0
98 64.4 45.2 84.0





#22

cis-1,2-Dichloroethene

Concen: 16.054 ug/L

RT: 3.828 min Scan# 867

Delta R.T. -0.000 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

COM98

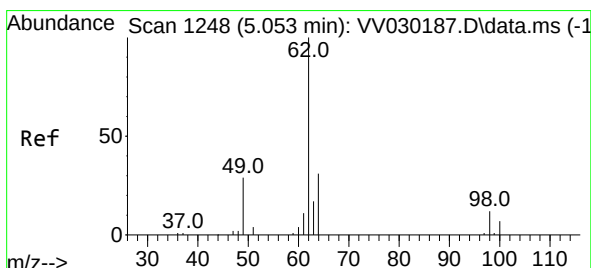
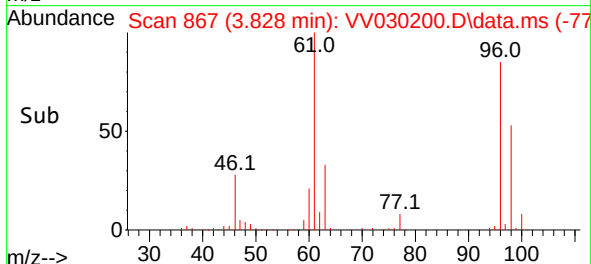
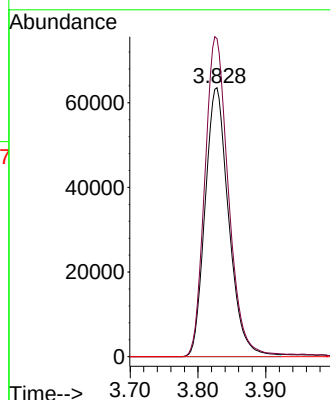
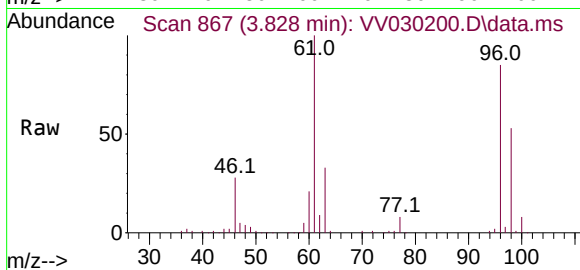
Tgt Ion: 96 Resp: 154030

Ion Ratio Lower Upper

96 100

61 118.3 83.4 154.8

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 4.966 min Scan# 1221

Delta R.T. -0.087 min

Lab File: VV030200.D

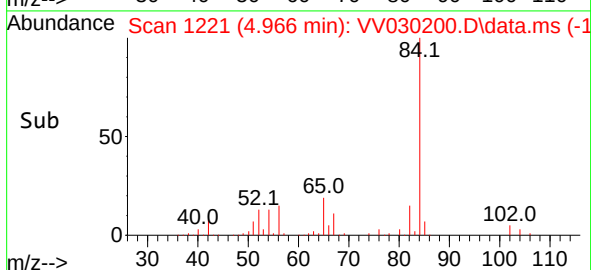
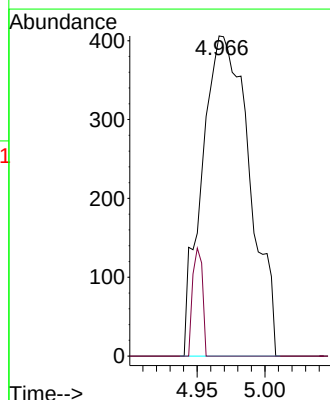
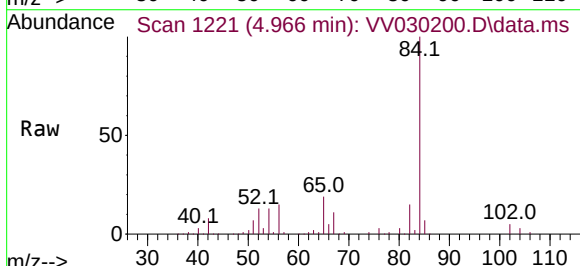
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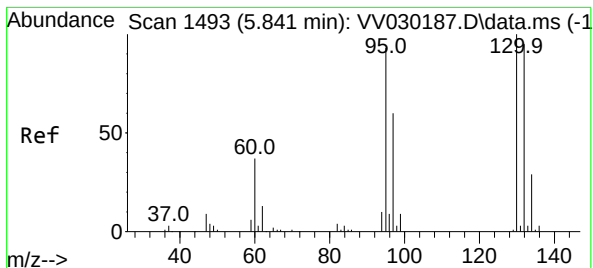
Tgt Ion: 62 Resp: 989

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#34

Trichloroethene

Concen: 108.301 ug/L

RT: 5.841 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

COM98

Tgt Ion: 95 Resp: 1134427

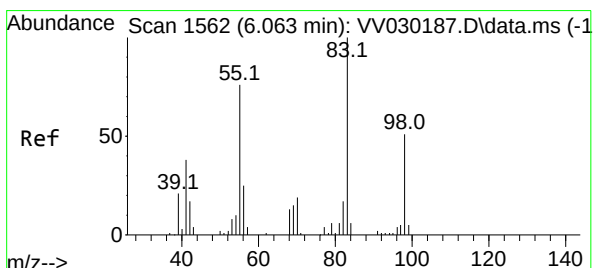
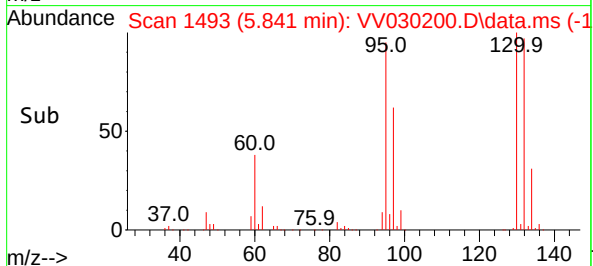
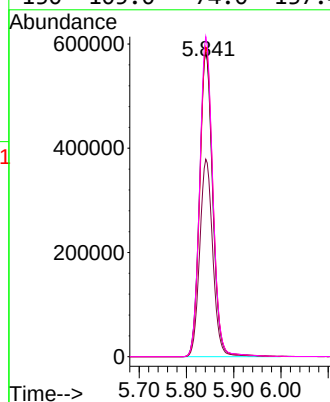
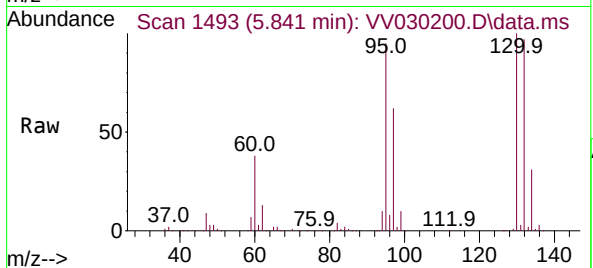
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.5

132 101.5 71.7 133.3

130 105.0 74.0 137.4



#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.064 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

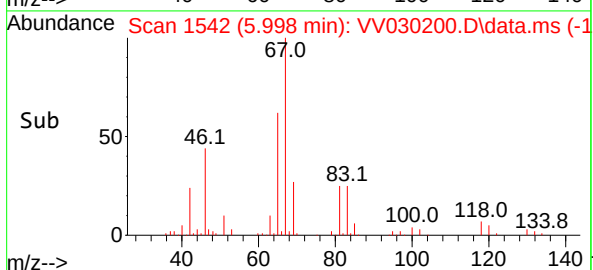
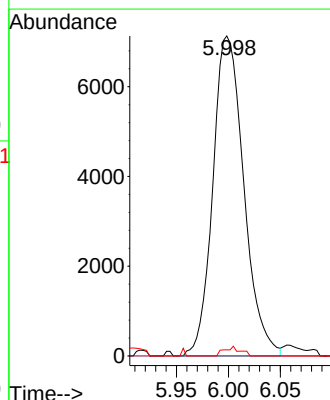
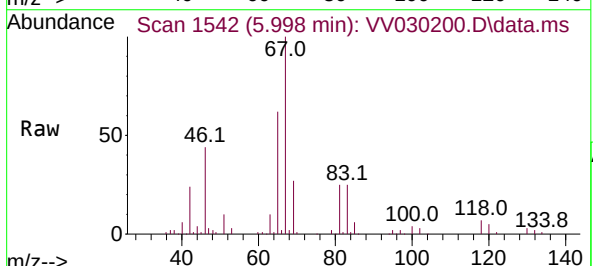
Tgt Ion: 83 Resp: 14792

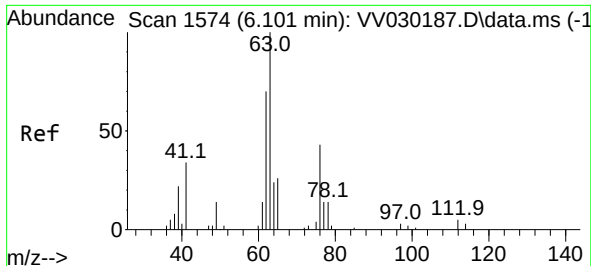
Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.0 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

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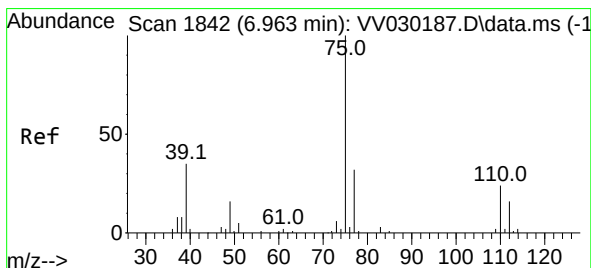
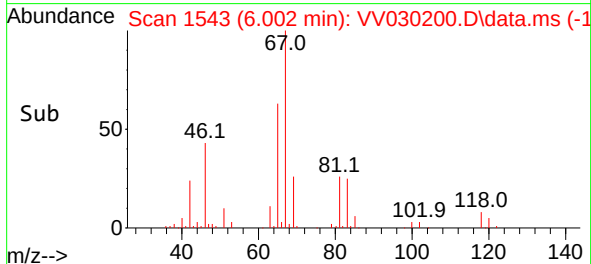
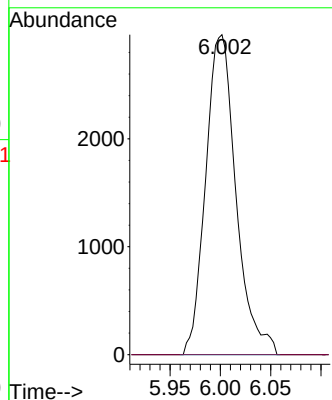
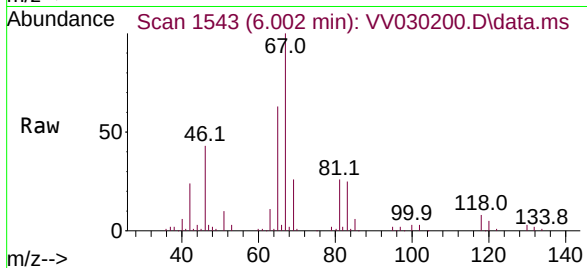
COM98

Tgt Ion: 63 Resp: 6230

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.039 min

Lab File: VV030200.D

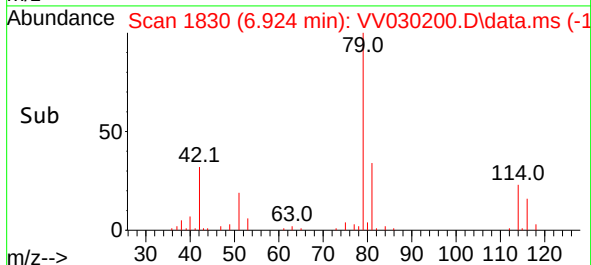
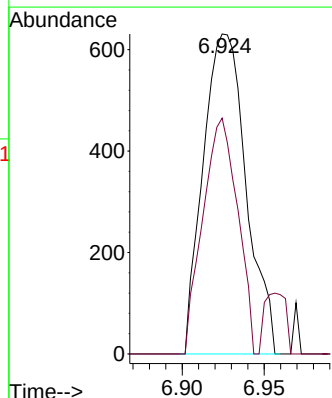
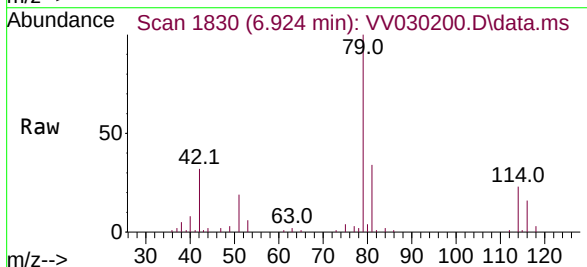
Acq: 14 Mar 2023 17:09

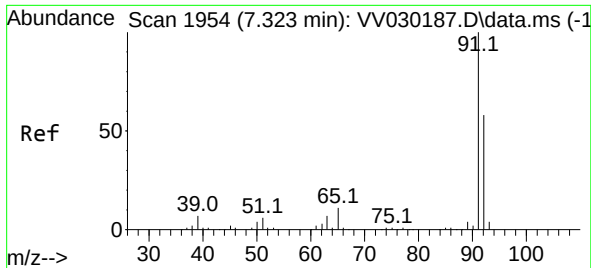
Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 73.7 22.3 41.3#





#42

Toluene

Concen: 0.364 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

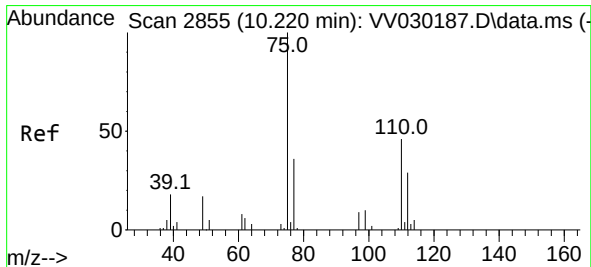
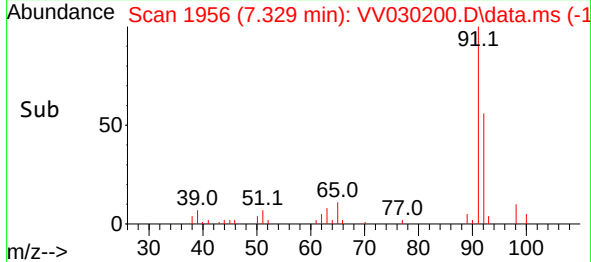
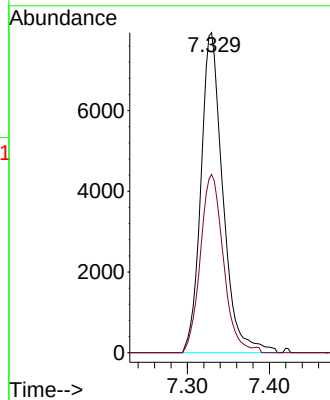
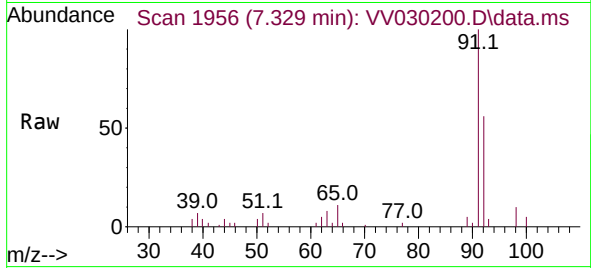
COM98

Tgt Ion: 91 Resp: 14755

Ion Ratio Lower Upper

91 100

92 55.7 39.6 73.6



#61

1,2,3-Trichloropropane

Concen: 1.598 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. 0.977 min

Lab File: VV030200.D

Acq: 14 Mar 2023 17:09

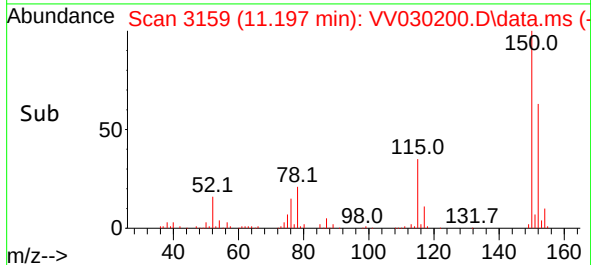
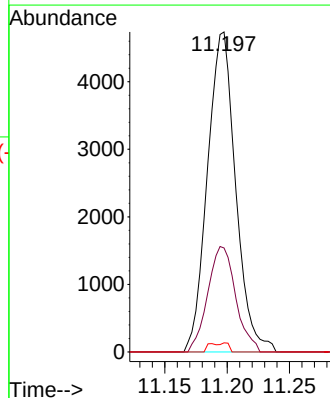
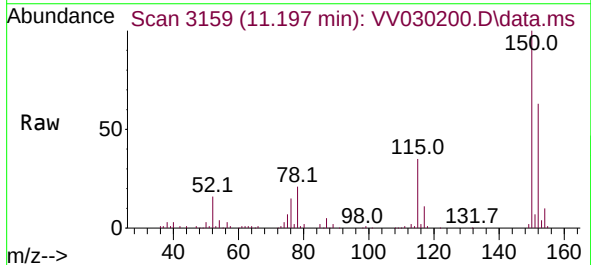
Tgt Ion: 75 Resp: 7456

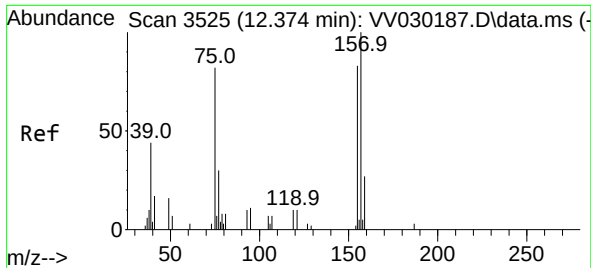
Ion Ratio Lower Upper

75 100

77 32.6 26.5 39.7

110 1.0 31.8 47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.361 ug/L

RT: 12.204 min Scan# 34

Delta R.T. -0.171 min

Lab File: VV030200.D

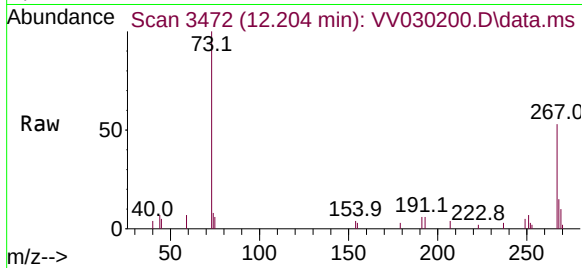
Acq: 14 Mar 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

COM98



Tgt Ion: 75 Resp: 376

Ion Ratio Lower Upper

75 100

155 43.9 79.1 118.7#

157 0.0 95.5 143.3#

