

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
 Data File : VV030193.D
 Acq On : 14 Mar 2023 14:23
 Operator : SY/MD
 Sample : 01884-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB913

Quant Time: Mar 15 01:39:16 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	182796	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	181069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100506	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	55865	4.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.539	69	48920	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.066	63	78732	3.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.828	46	78544	36.018	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.040%
24) Chloroform-d	4.262	84	100176	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.957	65	43059	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.973	84	196129	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.002	67	61478	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.252	98	168874	3.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.564	79	20196	4.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.037	63	72709	35.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42466	4.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	73028	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%

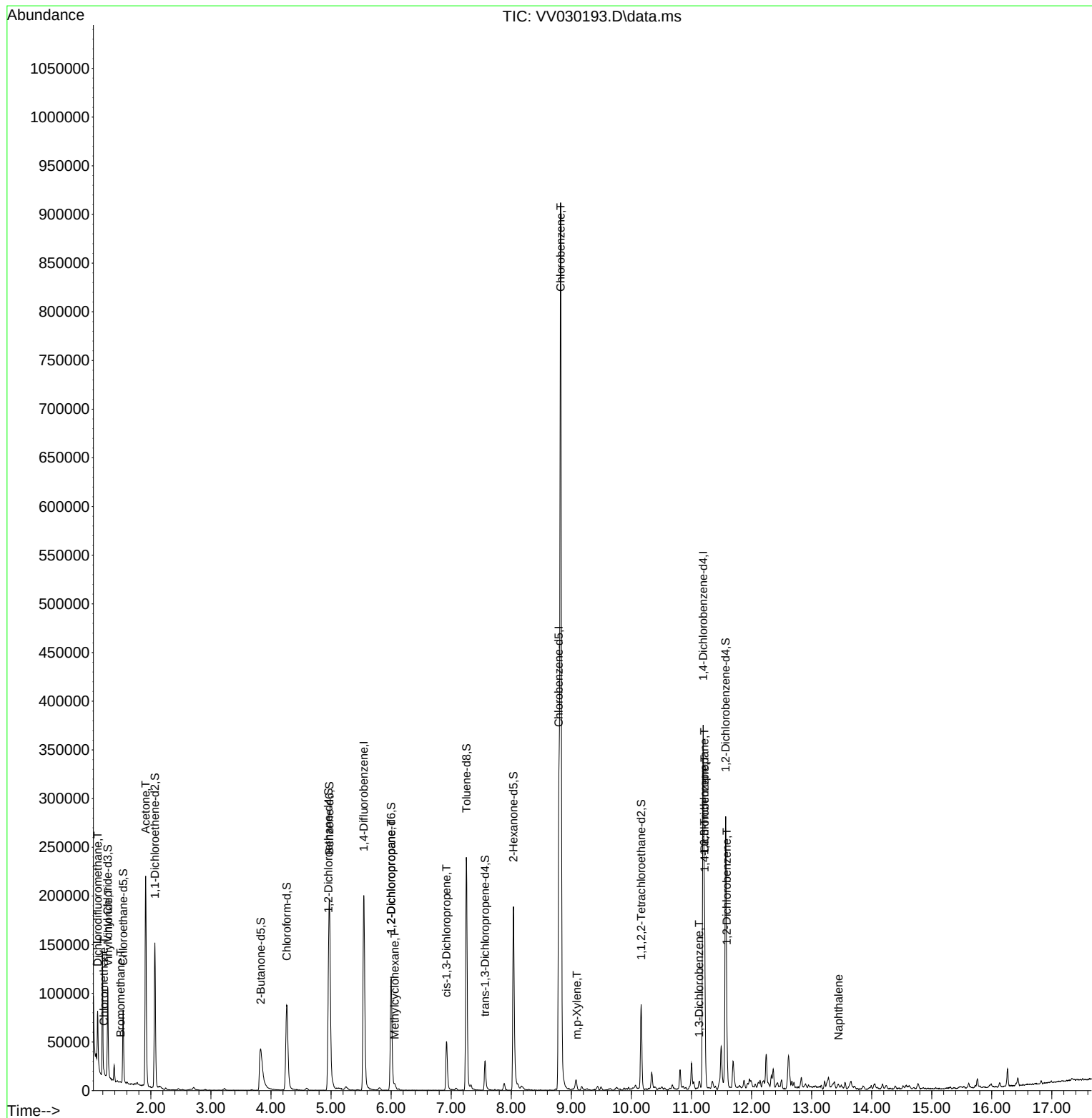
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.114	85	979	0.066	ug/L #	88
3) Chloromethane	1.220	50	3286	0.140	ug/L	91
5) Vinyl chloride	1.288	62	1052	0.068	ug/L #	1
6) Bromomethane	1.497	94	320	0.114	ug/L	94
13) Acetone	1.912	43	18498	11.477	ug/L	78
35) Methylcyclohexane	6.059	83	2341	0.112	ug/L #	87
37) 1,2-Dichloropropane	6.002	63	6122	0.487	ug/L #	93
39) cis-1,3-Dichloropropene	6.921	75	1235	0.067	ug/L #	49
51) Chlorobenzene	8.821	112	509408	14.103	ug/L	100
53) m,p-Xylene	9.092	106	1540	0.069	ug/L	76
61) 1,2,3-Trichloropropane	11.217	75	27155	4.037	ug/L #	47
64) 1,3-Dichlorobenzene	11.130	146	2487	0.083	ug/L	90
65) 1,4-Dichlorobenzene	11.220	146	64179	2.112	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	8675	0.326	ug/L	98
71) Naphthalene	13.448	128	2863	0.109	ug/L #	88

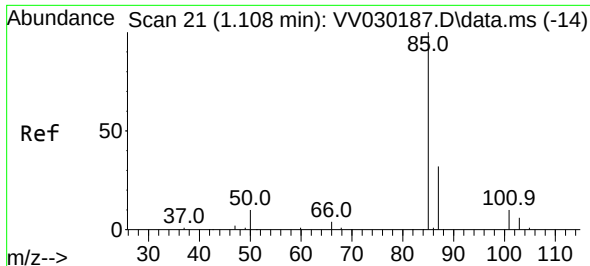
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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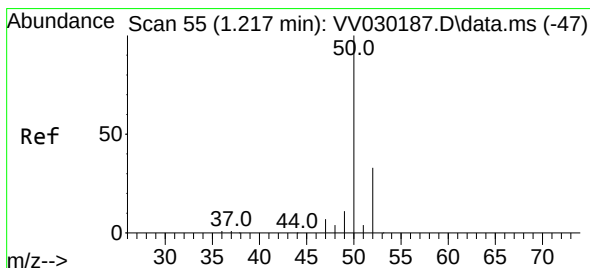
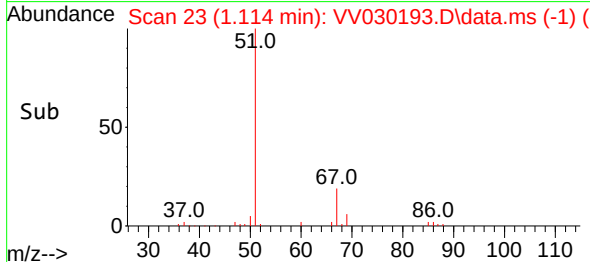
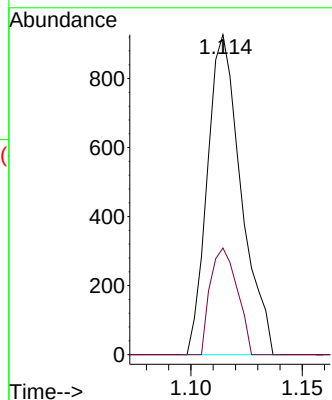
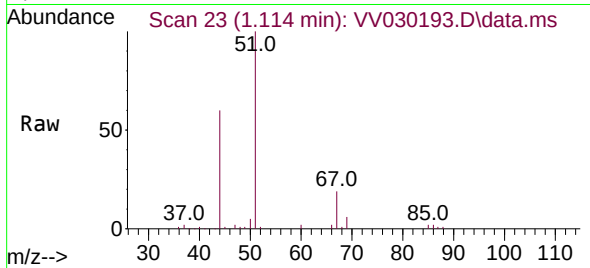




#2
 Dichlorodifluoromethane
 Concen: 0.066 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV030193.D
 Acq: 14 Mar 2023 14:23

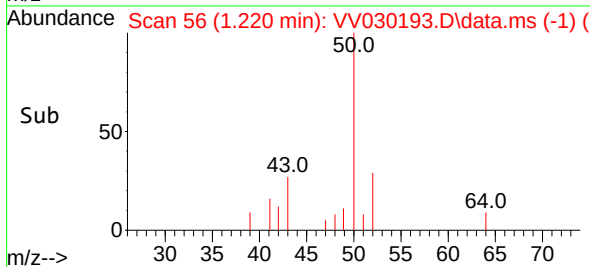
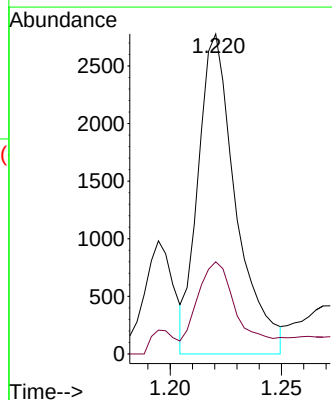
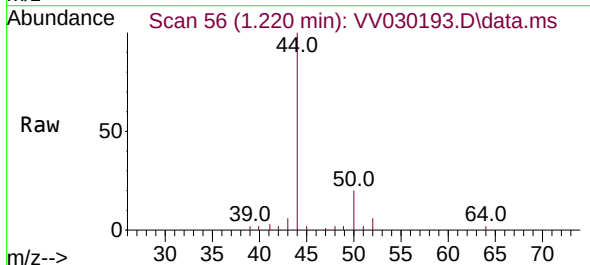
Instrument :
 MSVOA_V
 ClientSampleId :
 CB913

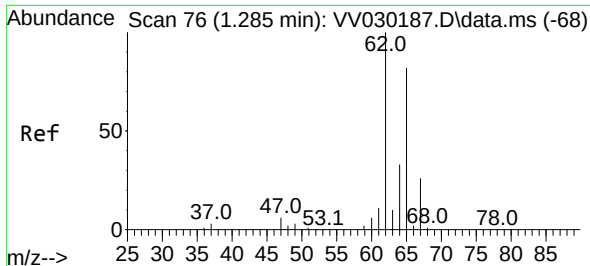
Tgt Ion: 85 Resp: 979
 Ion Ratio Lower Upper
 85 100
 87 26.5 26.6 39.8#



#3
 Chloromethane
 Concen: 0.140 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV030193.D
 Acq: 14 Mar 2023 14:23

Tgt Ion: 50 Resp: 3286
 Ion Ratio Lower Upper
 50 100
 52 28.8 23.6 43.8

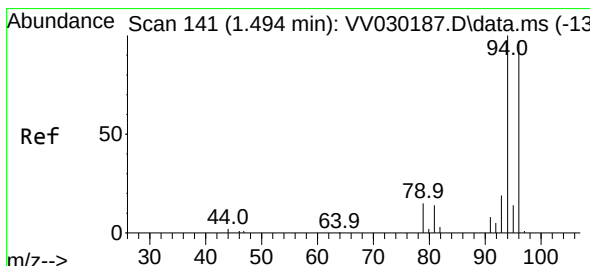
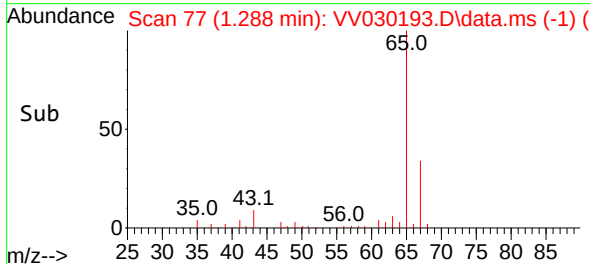
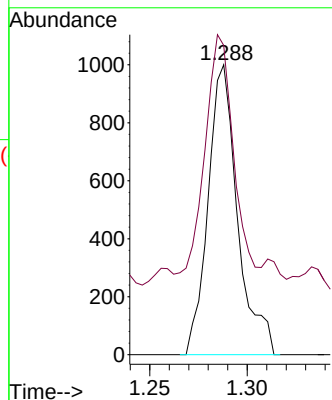
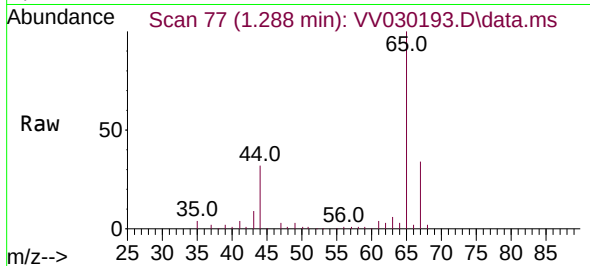




#5
 Vinyl chloride
 Concen: 0.068 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VV030193.D
 Acq: 14 Mar 2023 14:23

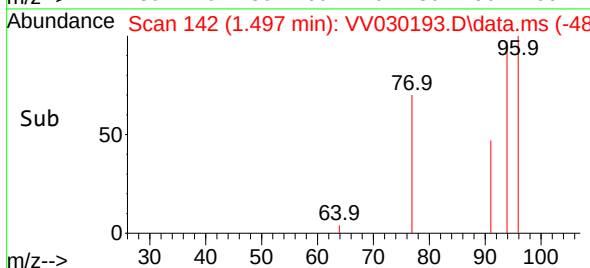
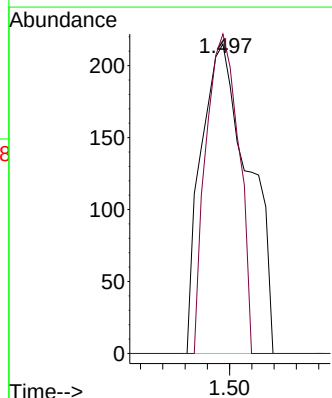
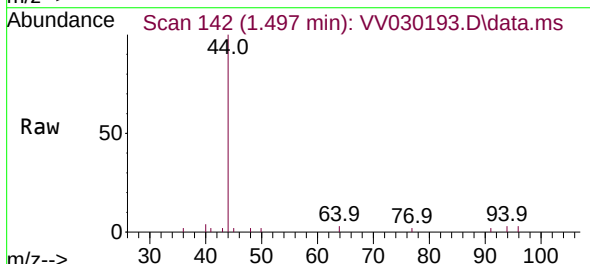
Instrument :
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 ClientSampleId :
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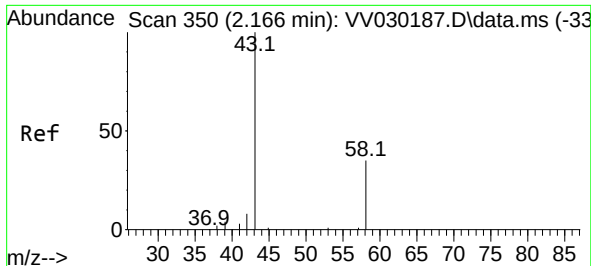
Tgt Ion: 62 Resp: 1052
 Ion Ratio Lower Upper
 62 100
 64 106.7 23.1 42.9#



#6
 Bromomethane
 Concen: 0.114 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. 0.003 min
 Lab File: VV030193.D
 Acq: 14 Mar 2023 14:23

Tgt Ion: 94 Resp: 320
 Ion Ratio Lower Upper
 94 100
 96 103.3 68.4 127.0





#13

Acetone

Concen: 11.477 ug/L

RT: 1.912 min Scan# 21

Delta R.T. -0.254 min

Lab File: VV030193.D

Acq: 14 Mar 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

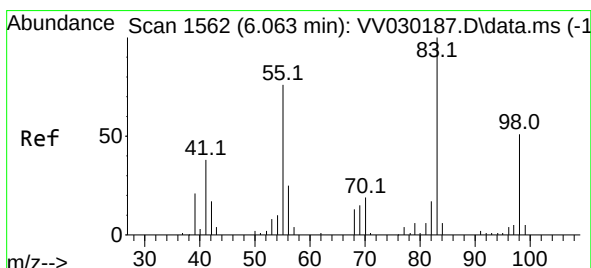
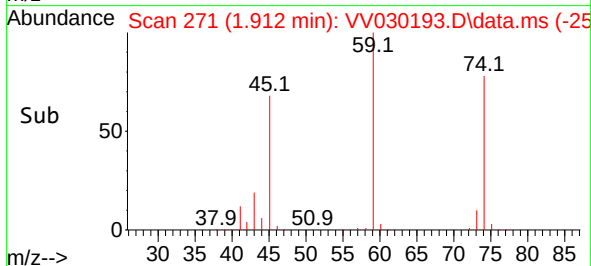
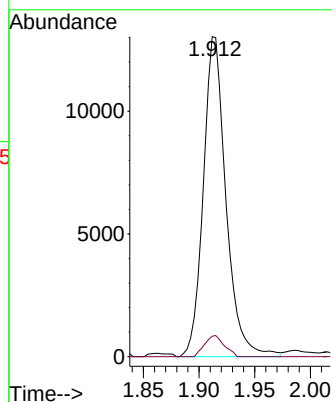
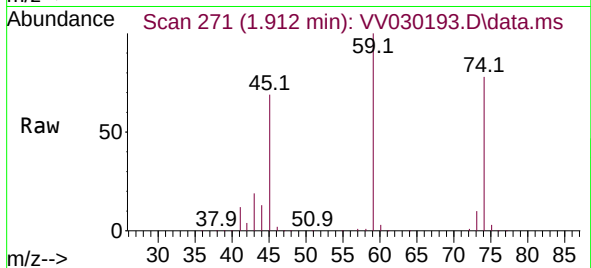
CB913

Tgt Ion: 43 Resp: 18498

Ion Ratio Lower Upper

43 100

58 5.7 0.0 29.4



#35

Methylcyclohexane

Concen: 0.112 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.003 min

Lab File: VV030193.D

Acq: 14 Mar 2023 14:23

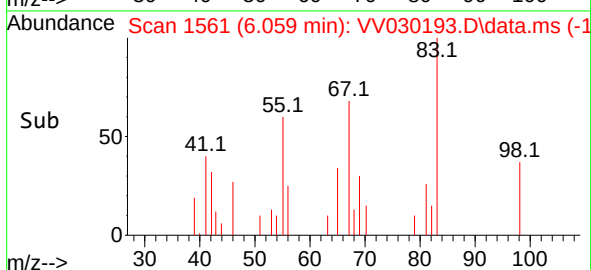
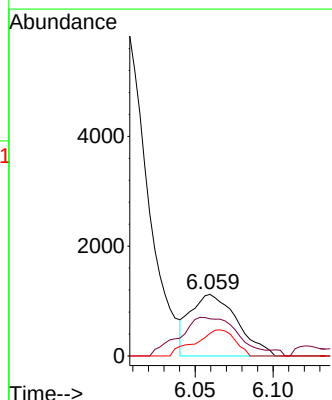
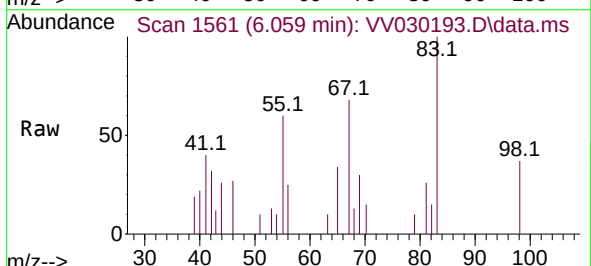
Tgt Ion: 83 Resp: 2341

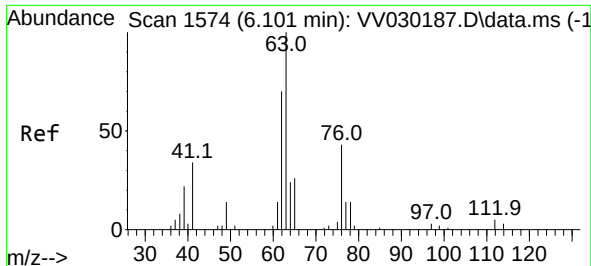
Ion Ratio Lower Upper

83 100

55 79.6 57.6 86.4

98 35.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.487 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030193.D

Acq: 14 Mar 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

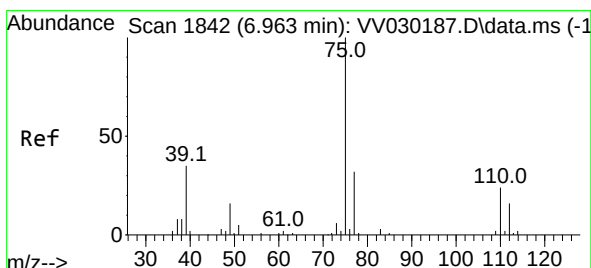
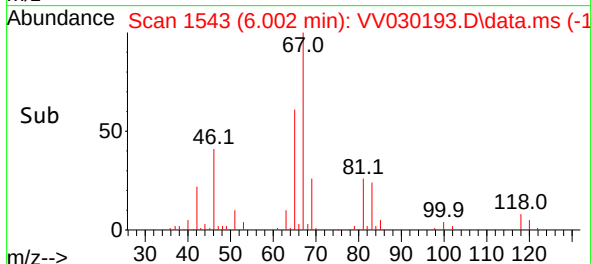
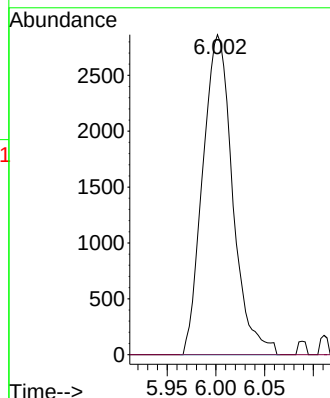
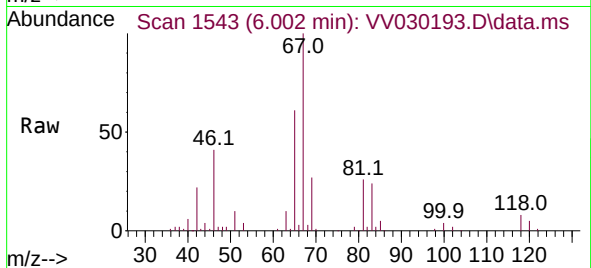
CB913

Tgt Ion: 63 Resp: 6122

Ion Ratio Lower Upper

63 100

112 2.4 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030193.D

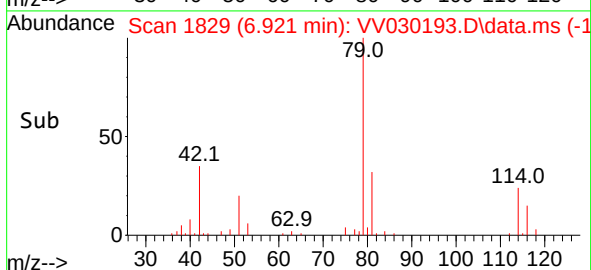
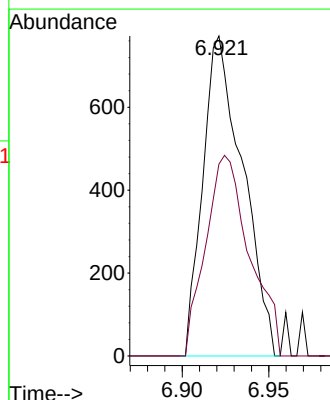
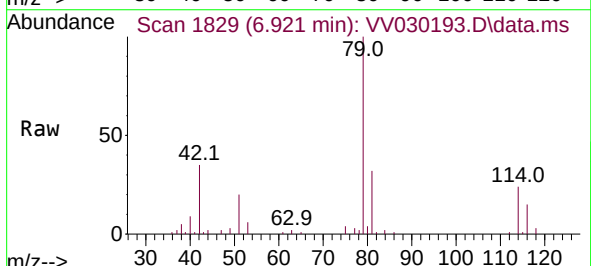
Acq: 14 Mar 2023 14:23

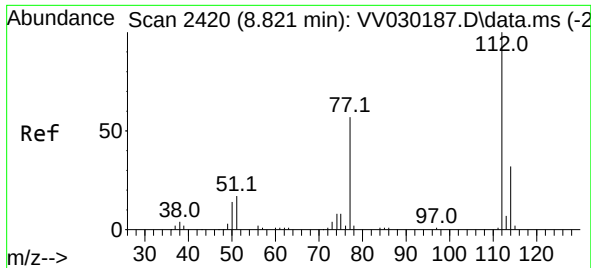
Tgt Ion: 75 Resp: 1235

Ion Ratio Lower Upper

75 100

77 60.0 22.3 41.3#

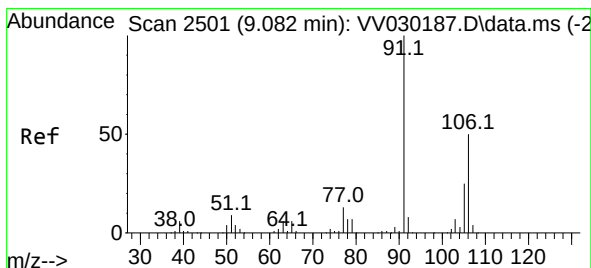
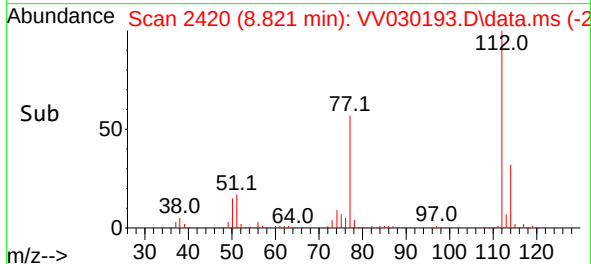
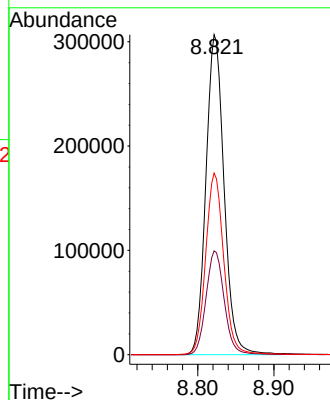
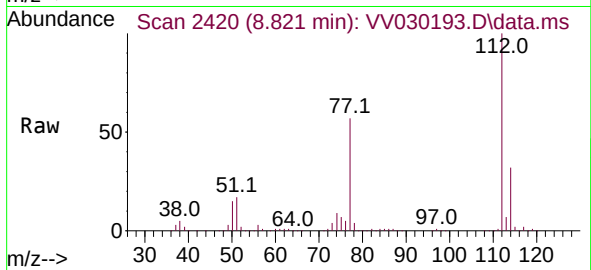




#51
Chlorobenzene
Concen: 14.103 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030193.D
Acq: 14 Mar 2023 14:23

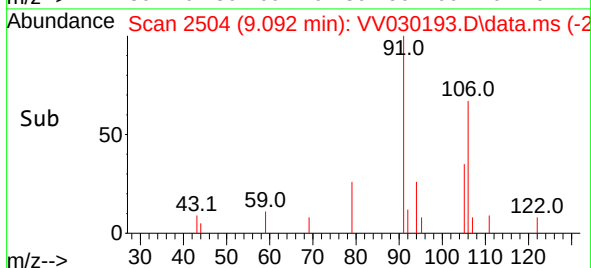
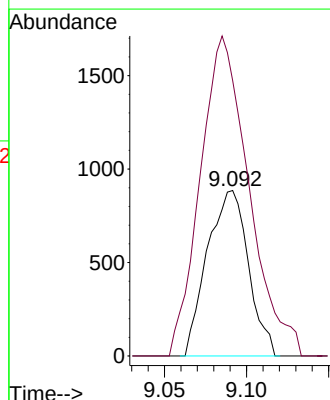
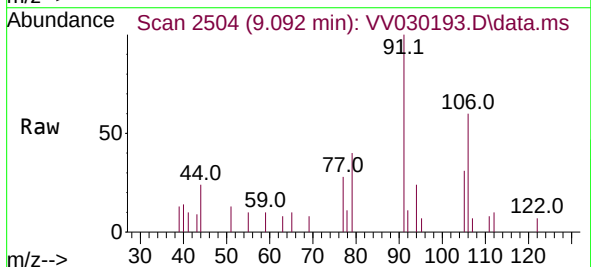
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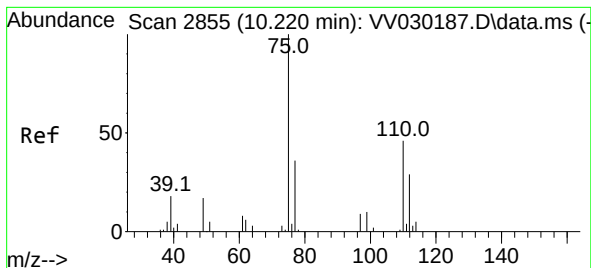
Tgt Ion:112 Resp: 509408
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 56.7 45.3 67.9



#53
m,p-Xylene
Concen: 0.069 ug/L
RT: 9.092 min Scan# 2504
Delta R.T. 0.010 min
Lab File: VV030193.D
Acq: 14 Mar 2023 14:23

Tgt Ion:106 Resp: 1540
Ion Ratio Lower Upper
106 100
91 166.4 142.5 264.7





#61

1,2,3-Trichloropropane

Concen: 4.037 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.997 min

Lab File: VV030193.D

Acq: 14 Mar 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

CB913

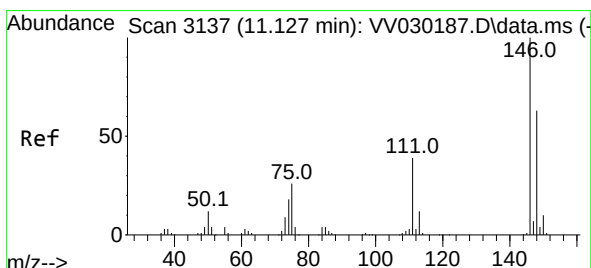
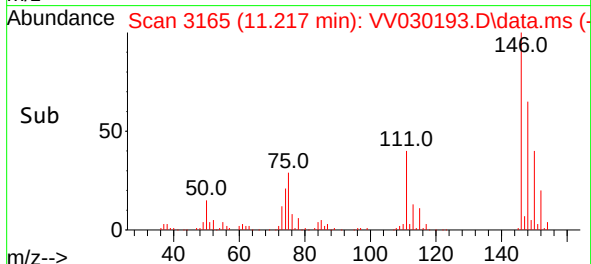
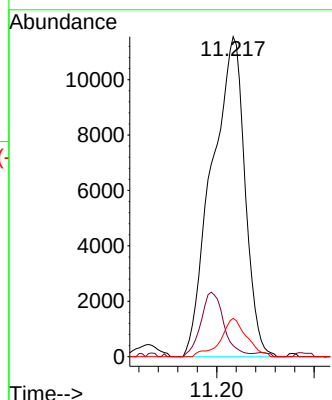
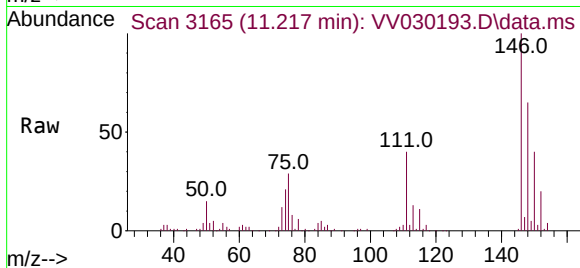
Tgt Ion: 75 Resp: 27155

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#

110 9.5 31.8 47.6#



#64

1,3-Dichlorobenzene

Concen: 0.083 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.003 min

Lab File: VV030193.D

Acq: 14 Mar 2023 14:23

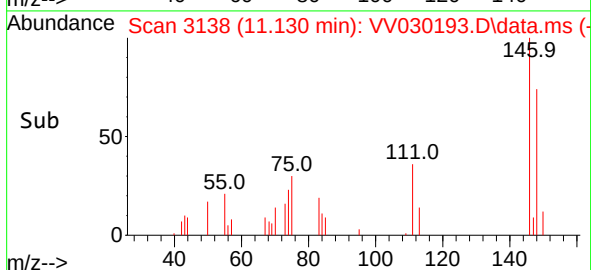
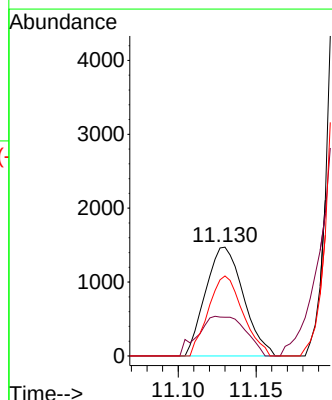
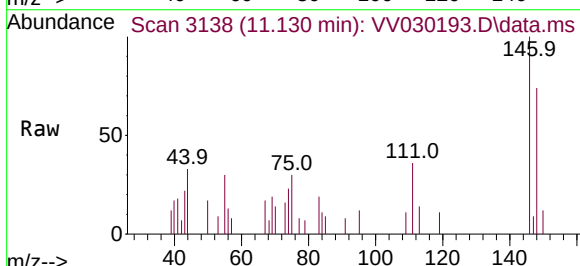
Tgt Ion:146 Resp: 2487

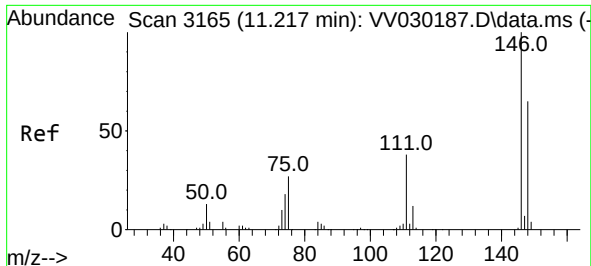
Ion Ratio Lower Upper

146 100

111 35.6 27.7 51.5

148 73.5 44.5 82.7

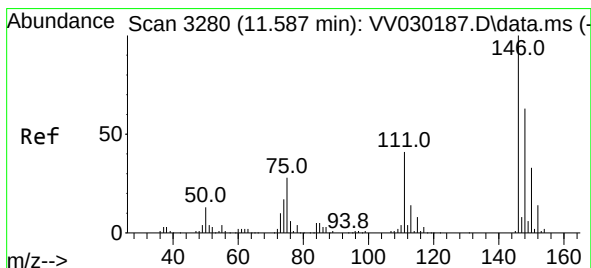
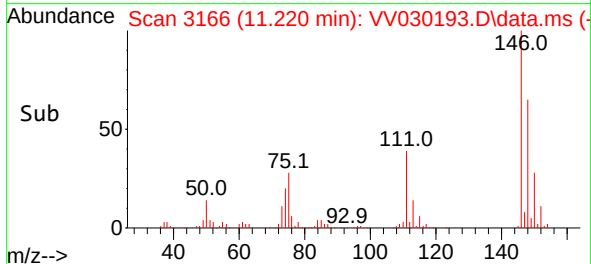
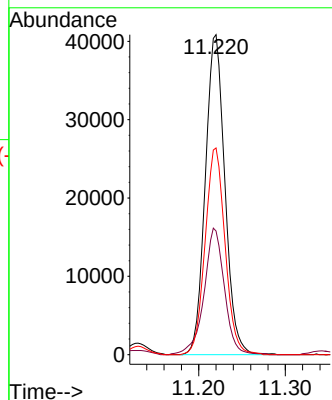
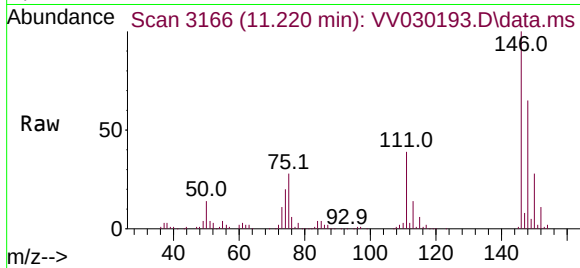




#65
1,4-Dichlorobenzene
Concen: 2.112 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030193.D
Acq: 14 Mar 2023 14:23

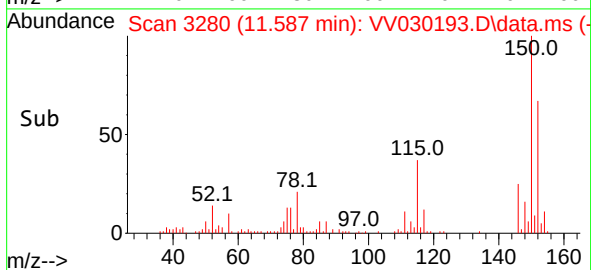
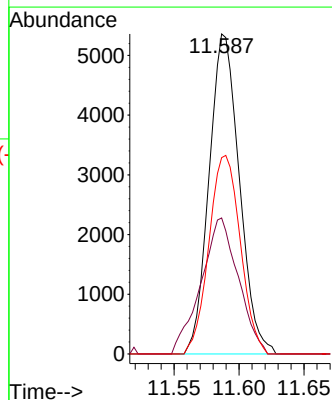
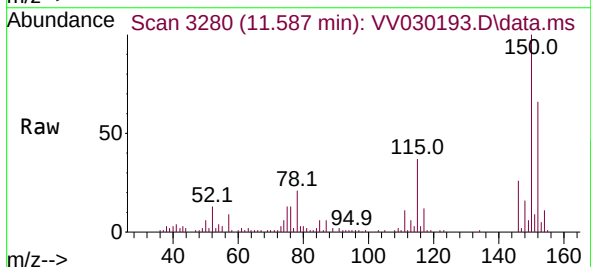
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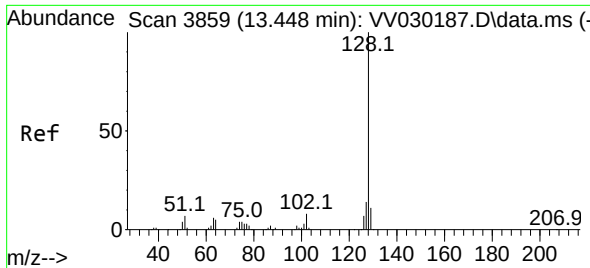
Tgt Ion:146 Resp: 64179
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 64.6 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 0.326 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030193.D
Acq: 14 Mar 2023 14:23

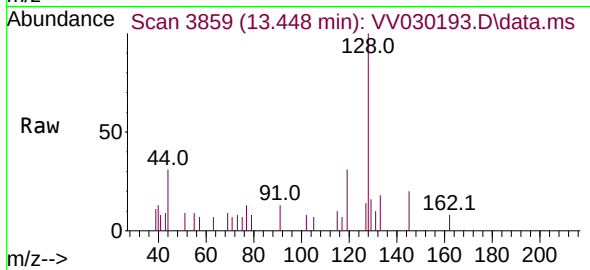
Tgt Ion:146 Resp: 8675
Ion Ratio Lower Upper
146 100
111 42.5 33.5 50.3
148 61.4 51.3 76.9





#71
Naphthalene
Concen: 0.109 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030193.D
Acq: 14 Mar 2023 14:23

Instrument :
MSVOA_V
ClientSampleId :
CB913



Tgt Ion:128 Resp: 2863
Ion Ratio Lower Upper
128 100
129 18.7 8.6 13.0#
127 14.6 10.4 15.6

