

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031623\
 Data File : VV030224.D
 Acq On : 16 Mar 2023 15:46
 Operator : SY/MD
 Sample : 01947-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB935

Quant Time: Mar 17 05:49:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

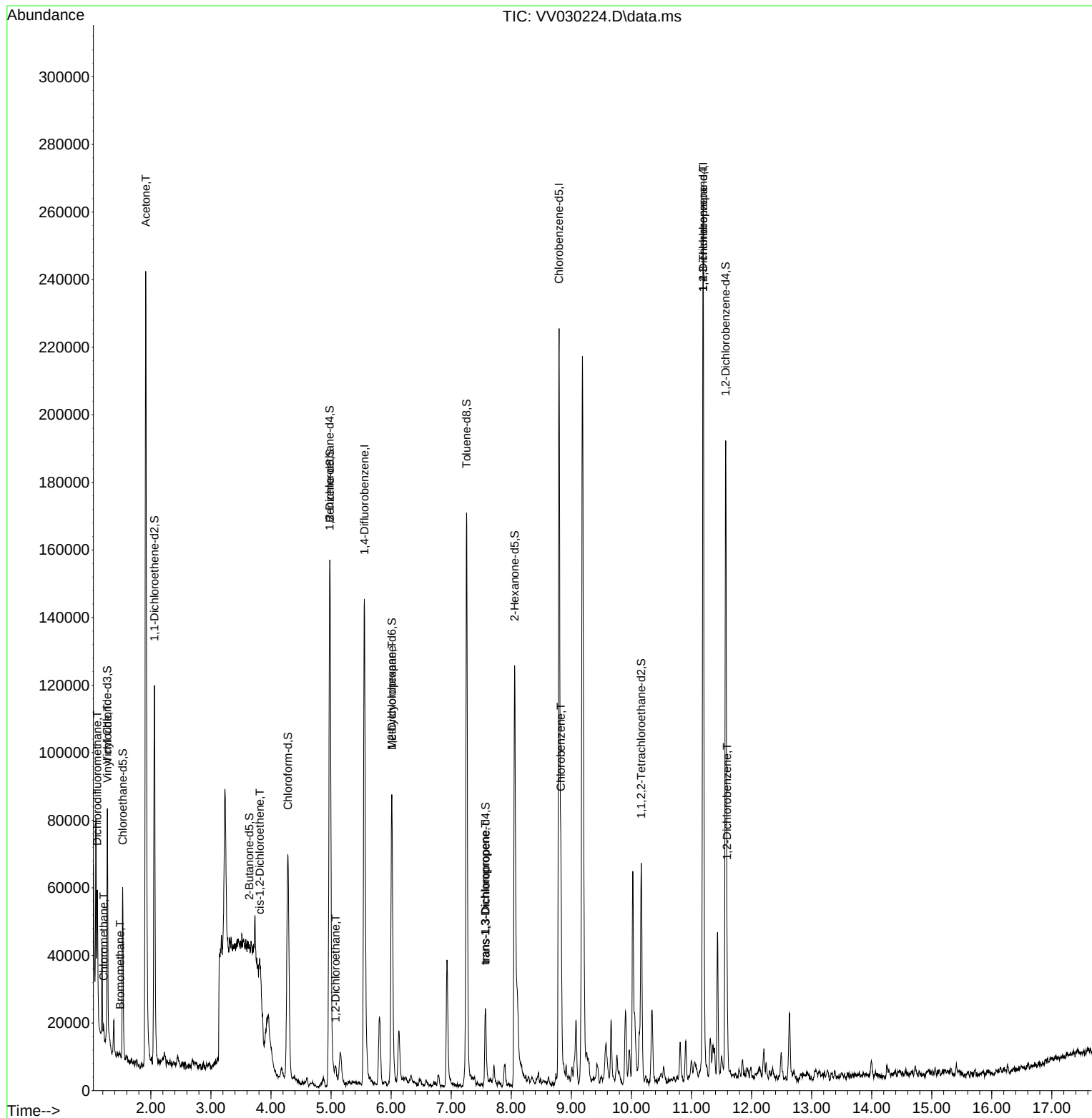
Internal Standards						
1) 1,4-Difluorobenzene	5.555	114	121562	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.796	117	118225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	36628	4.657	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.532	69	32280	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.060	63	59098	3.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.642	46	1336	0.921	ug/L	-0.19
Spiked Amount	50.000	Range 40 - 130	Recovery	=	1.840%#	
24) Chloroform-d	4.281	84	70630	4.396	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	4.976	65	35385	5.395	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	4.982	84	127870	4.020	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.011	67	40071	4.187	ug/L	0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.256	98	111574	3.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.000%	
43) trans-1,3-Dichloroprop...	7.571	79	12351	3.772	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.056	63	55651	41.083	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.160%	
56) 1,1,2,2-Tetrachloroeth...	10.165	84	30025	4.410	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	11.571	152	46107	4.140	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	709	0.072	ug/L #	87
3) Chloromethane	1.214	50	2623	0.168	ug/L	97
5) Vinyl chloride	1.278	62	839	0.081	ug/L #	1
6) Bromomethane	1.487	94	375	0.202	ug/L	76
13) Acetone	1.915	43	29082	27.132	ug/L	83
22) cis-1,2-Dichloroethene	3.812	96	2978	0.347	ug/L #	76
27) 1,2-Dichloroethane	5.076	62	4224	0.537	ug/L #	93
35) Methylcyclohexane	6.011	83	10198	0.745	ug/L #	21
44) trans-1,3-Dichloropropene	7.567	75	812	0.087	ug/L #	37
51) Chlorobenzene	8.825	112	32034	1.358	ug/L	93
61) 1,2,3-Trichloropropane	11.194	75	7904	1.794	ug/L #	67
67) 1,2-Dichlorobenzene	11.590	146	2103	0.121	ug/L #	88

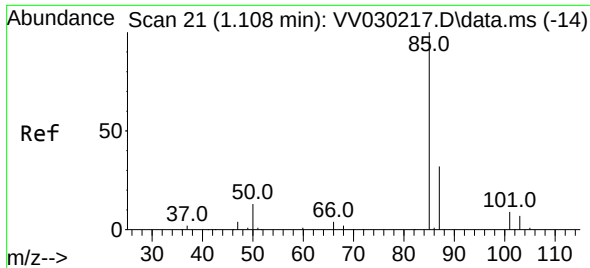
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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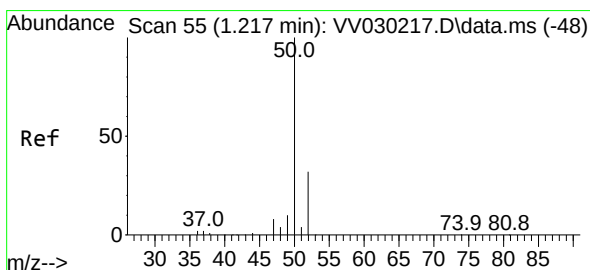
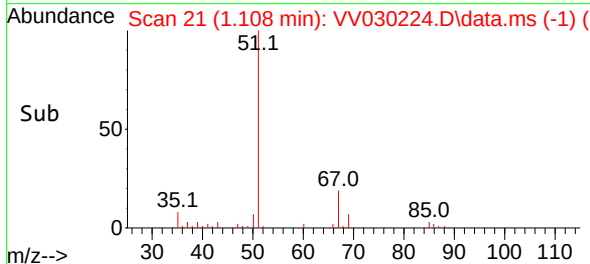
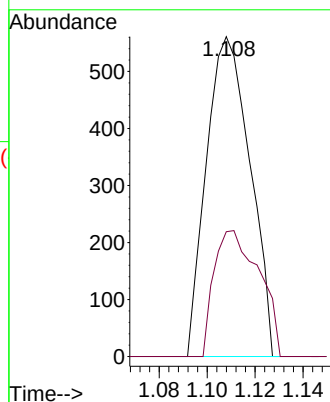
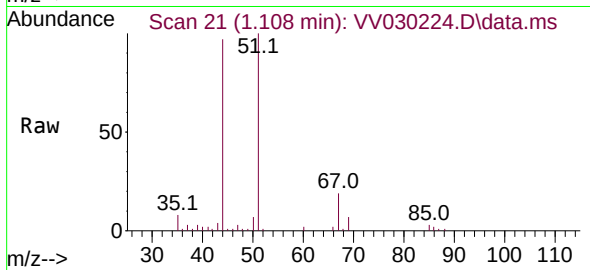




#2
 Dichlorodifluoromethane
 Concen: 0.072 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030224.D
 Acq: 16 Mar 2023 15:46

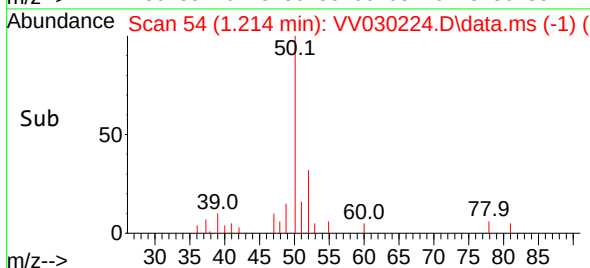
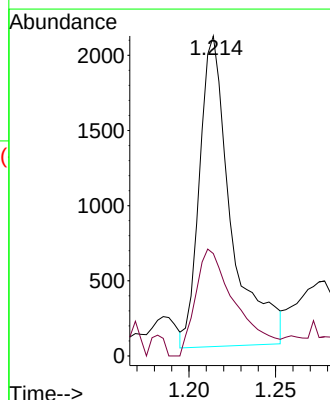
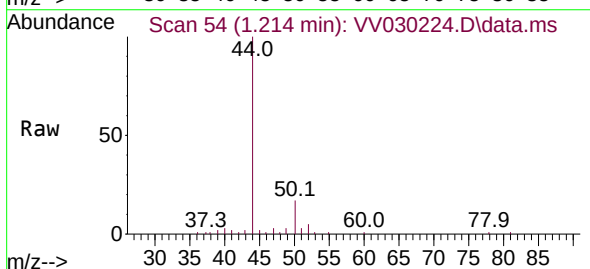
Instrument :
 MSVOA_V
 ClientSampleId :
 CB935

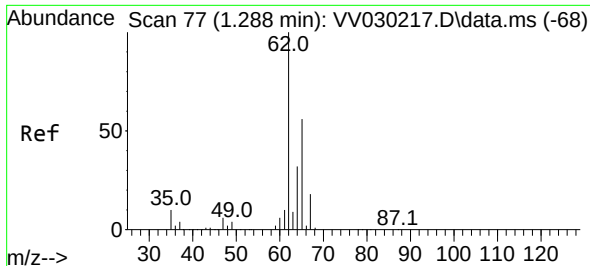
Tgt Ion: 85 Resp: 709
 Ion Ratio Lower Upper
 85 100
 87 40.8 26.6 39.8#



#3
 Chloromethane
 Concen: 0.168 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV030224.D
 Acq: 16 Mar 2023 15:46

Tgt Ion: 50 Resp: 2623
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.6 43.8

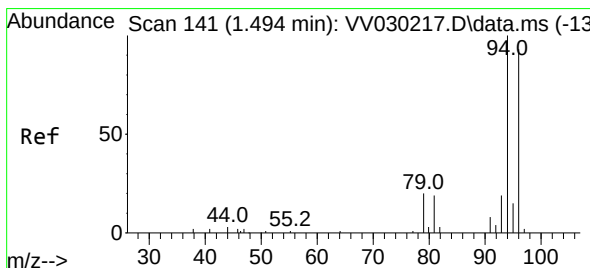
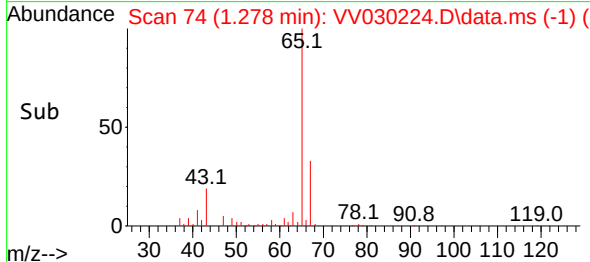
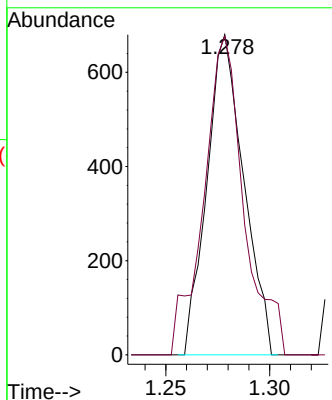
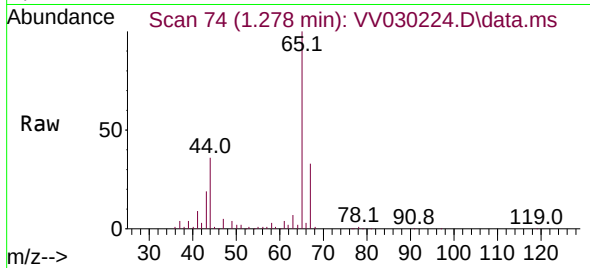




#5
 Vinyl chloride
 Concen: 0.081 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.009 min
 Lab File: VV030224.D
 Acq: 16 Mar 2023 15:46

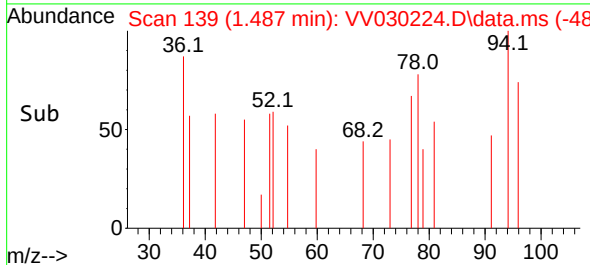
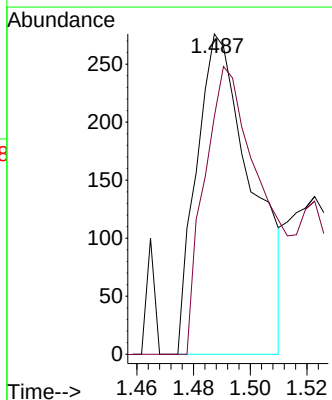
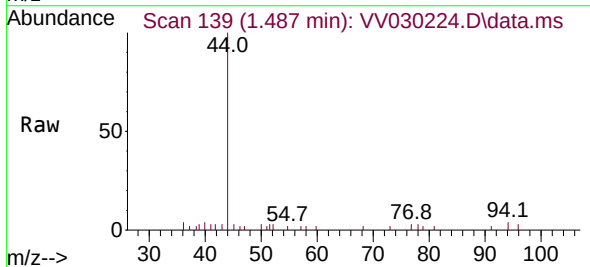
Instrument :
 MSVOA_V
 ClientSampleId :
 CB935

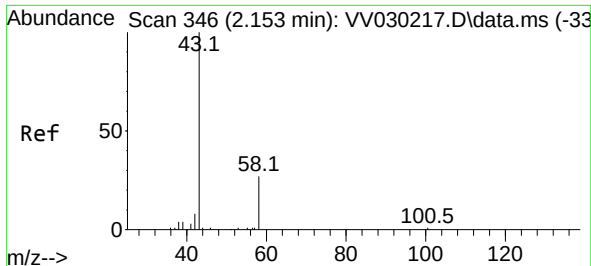
Tgt Ion: 62 Resp: 839
 Ion Ratio Lower Upper
 62 100
 64 99.6 23.1 42.9#



#6
 Bromomethane
 Concen: 0.202 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.006 min
 Lab File: VV030224.D
 Acq: 16 Mar 2023 15:46

Tgt Ion: 94 Resp: 375
 Ion Ratio Lower Upper
 94 100
 96 74.3 68.4 127.0





#13

Acetone

Concen: 27.132 ug/L

RT: 1.915 min Scan# 21

Delta R.T. -0.238 min

Lab File: VV030224.D

Acq: 16 Mar 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

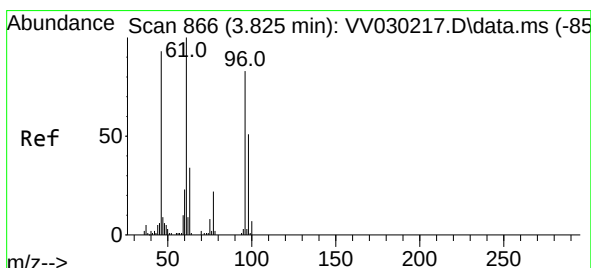
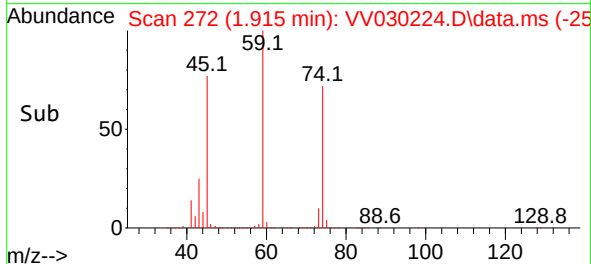
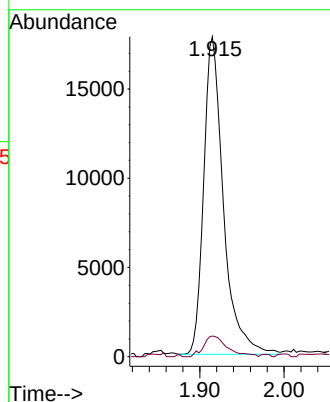
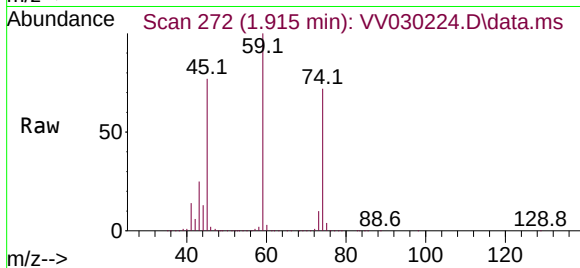
CB935

Tgt Ion: 43 Resp: 29082

Ion Ratio Lower Upper

43 100

58 7.8 0.0 29.4



#22

cis-1,2-Dichloroethene

Concen: 0.347 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.013 min

Lab File: VV030224.D

Acq: 16 Mar 2023 15:46

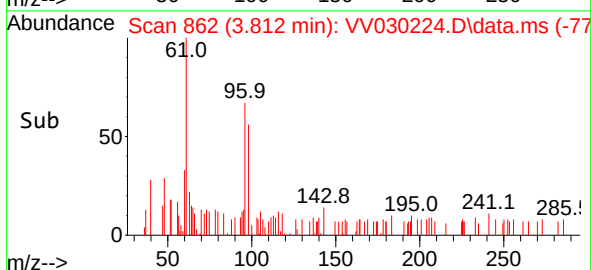
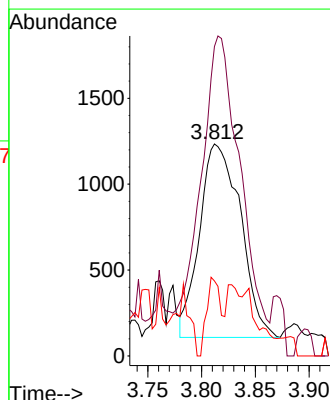
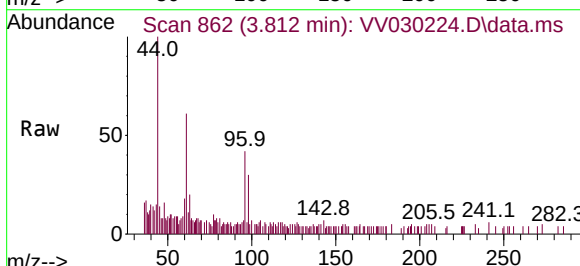
Tgt Ion: 96 Resp: 2978

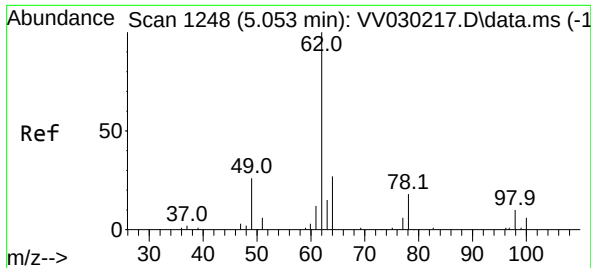
Ion Ratio Lower Upper

96 100

61 146.0 83.4 154.8

68 35.4 0.0 0.0#





#27

1,2-Dichloroethane

Concen: 0.537 ug/L

RT: 5.076 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV030224.D

Acq: 16 Mar 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

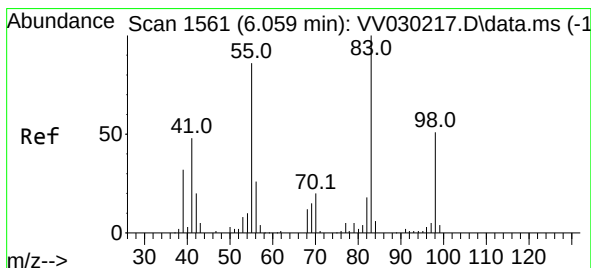
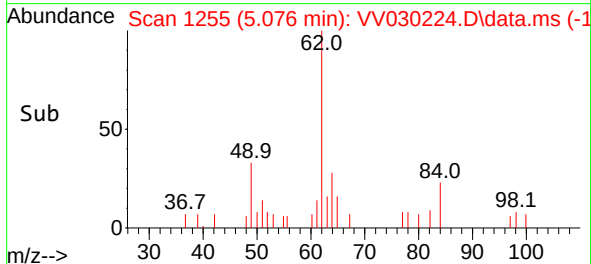
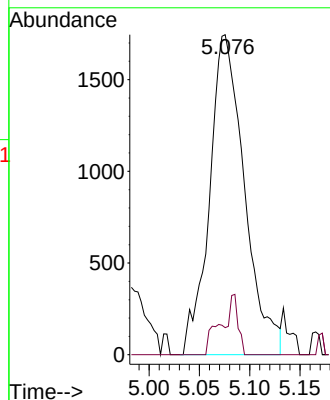
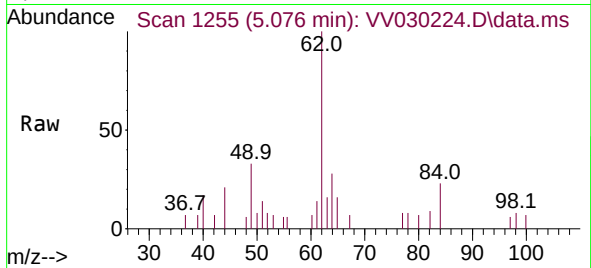
CB935

Tgt Ion: 62 Resp: 4224

Ion Ratio Lower Upper

62 100

98 8.5 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.011 min Scan# 1546

Delta R.T. -0.048 min

Lab File: VV030224.D

Acq: 16 Mar 2023 15:46

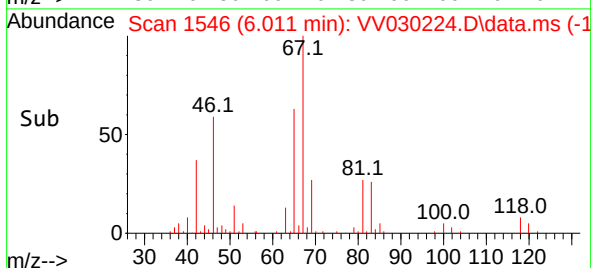
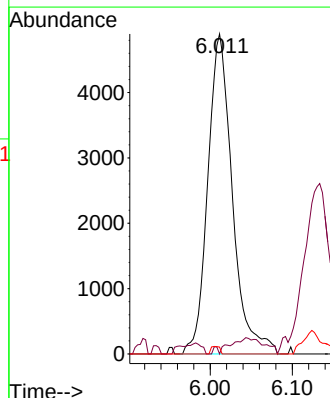
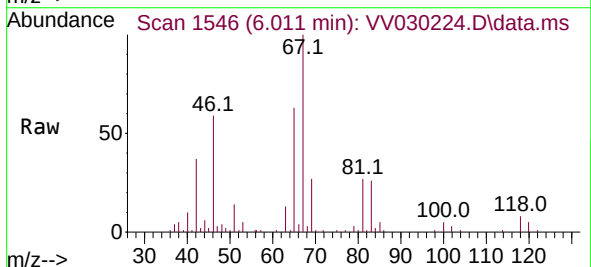
Tgt Ion: 83 Resp: 10198

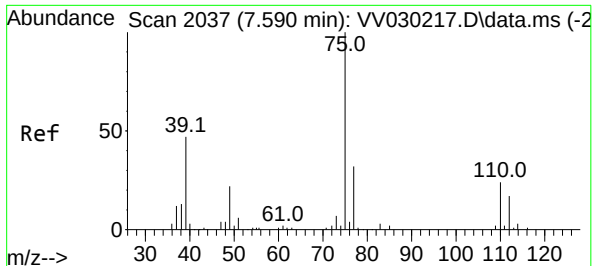
Ion Ratio Lower Upper

83 100

55 1.8 57.6 86.4#

98 0.8 38.8 58.2#

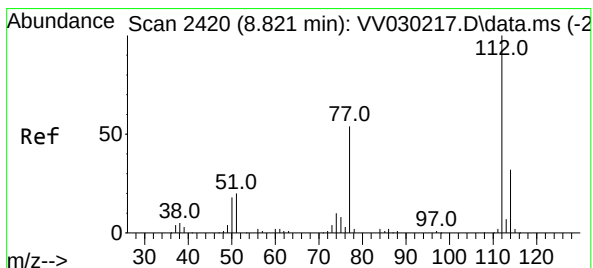
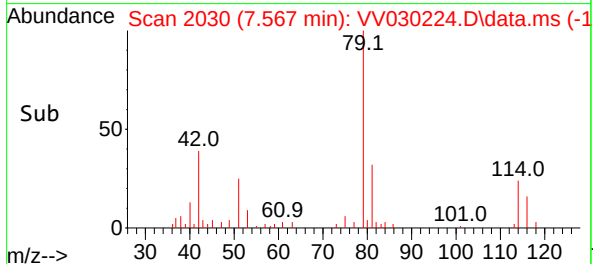
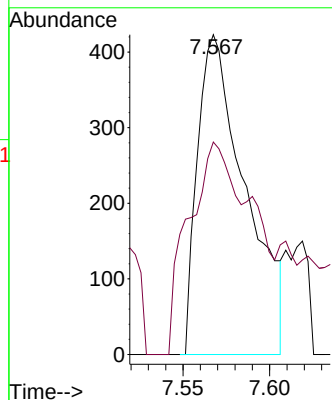
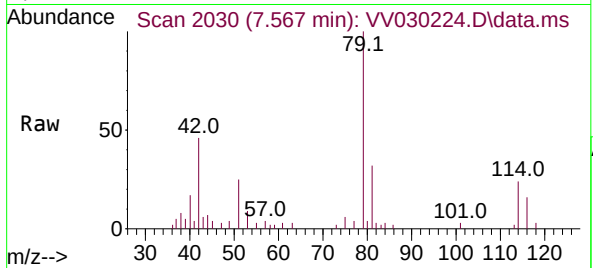




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.022 min
Lab File: VV030224.D
Acq: 16 Mar 2023 15:46

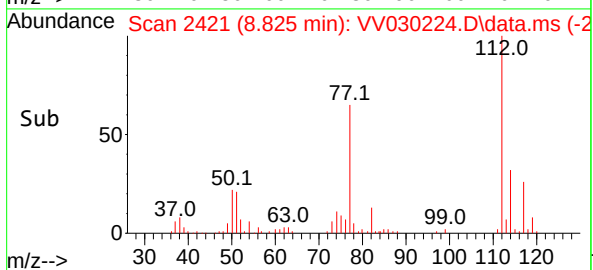
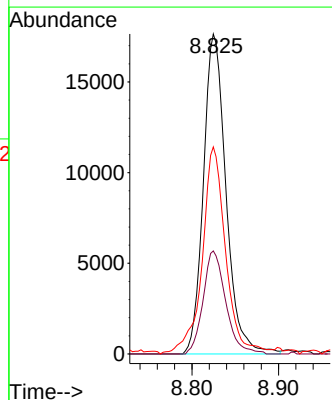
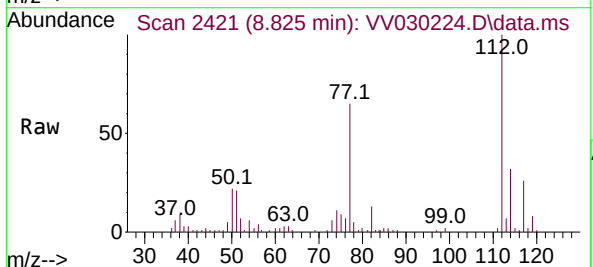
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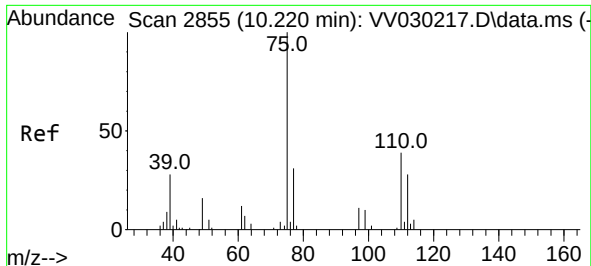
Tgt Ion: 75 Resp: 812
Ion Ratio Lower Upper
75 100
77 66.4 22.1 41.1#



#51
Chlorobenzene
Concen: 1.358 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030224.D
Acq: 16 Mar 2023 15:46

Tgt Ion: 112 Resp: 32034
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 64.7 45.3 67.9

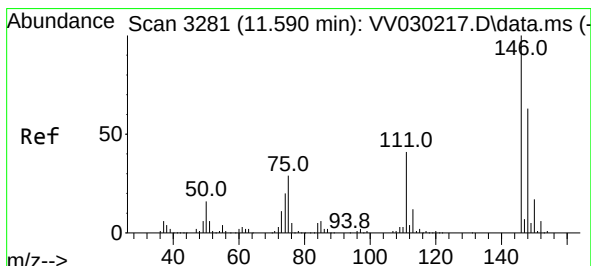
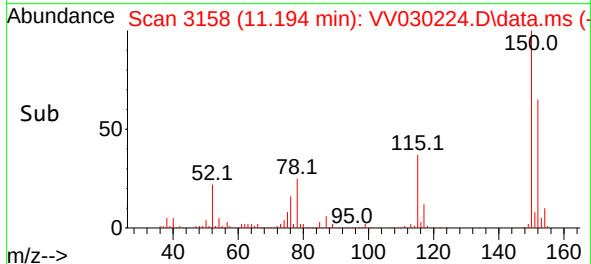
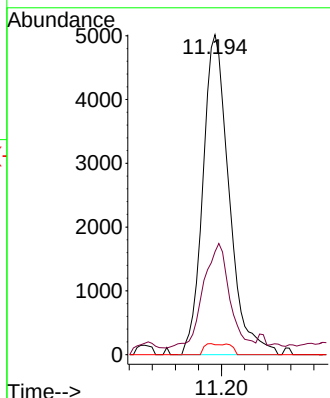
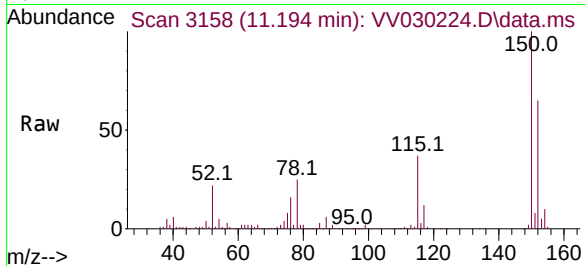




#61
1,2,3-Trichloropropane
Concen: 1.794 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030224.D
Acq: 16 Mar 2023 15:46

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Tgt Ion: 75 Resp: 7904
Ion Ratio Lower Upper
75 100
77 32.8 26.5 39.7
110 2.3 31.8 47.6#



#67
1,2-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.000 min
Lab File: VV030224.D
Acq: 16 Mar 2023 15:46

Tgt Ion: 146 Resp: 2103
Ion Ratio Lower Upper
146 100
111 51.0 33.5 50.3#
148 72.6 51.3 76.9

