

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031045.D
 Acq On : 16 May 2023 12:05
 Operator : SY/MD
 Sample : 02790-04DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

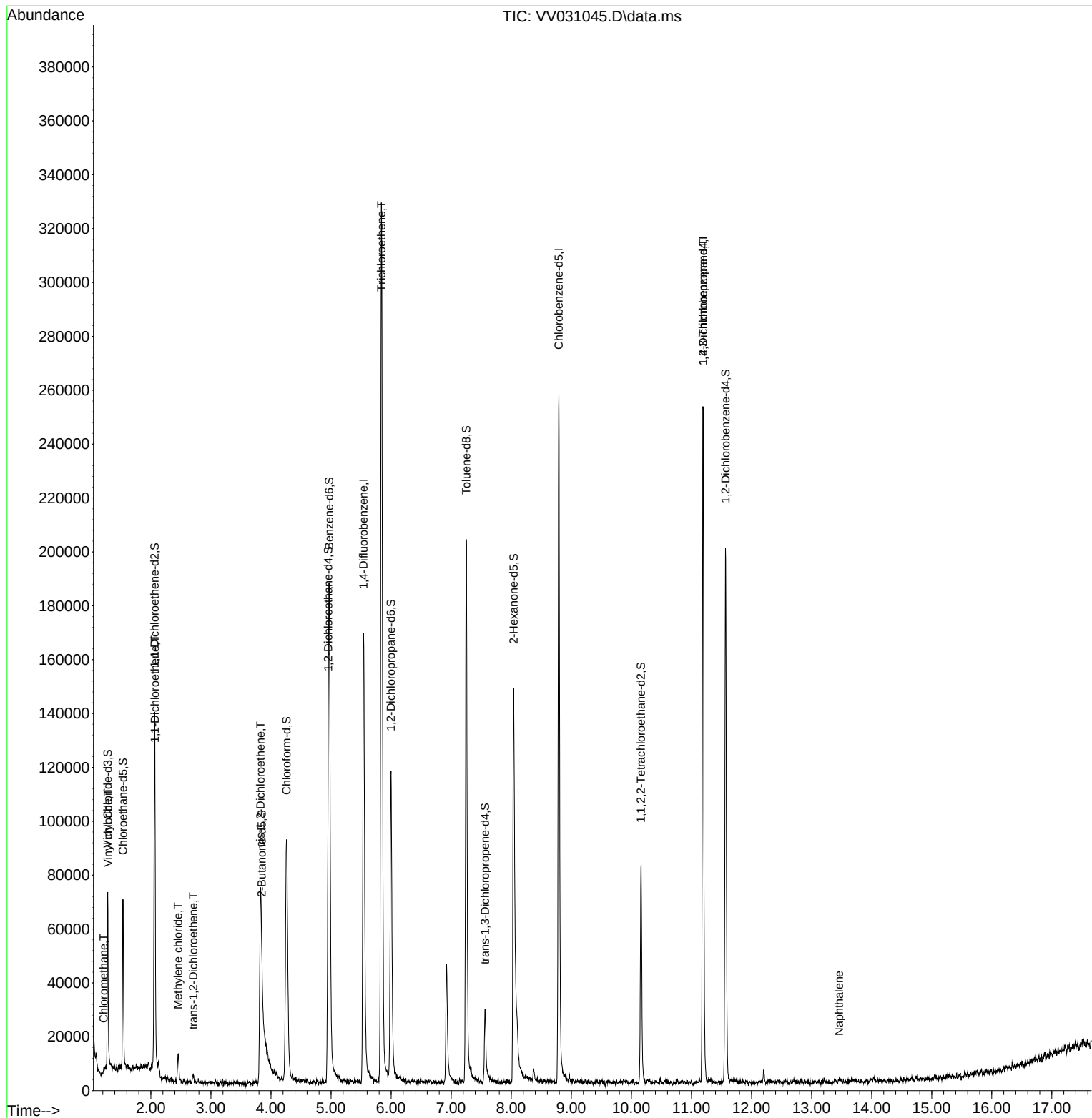
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	144878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39449	3.305	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.536	69	38176	3.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.063	65	21434	3.393	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	3.844	46	49968	23.607	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	47.220%	
24) Chloroform-d	4.259	84	95051	4.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
26) 1,2-Dichloroethane-d4	4.953	65	50652	4.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
32) Benzene-d6	4.970	84	161288	3.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	5.995	67	48640	4.060	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.200%	
41) Toluene-d8	7.249	98	134852	3.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	7.564	79	16254	3.619	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.040	63	57234	36.371	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.740%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36031	4.149	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	52564	3.981	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.600%#	
Target Compounds						
3) Chloromethane	1.217	50	1126	0.084	ug/L	98
5) Vinyl chloride	1.285	62	6125	0.545	ug/L	87
12) 1,1-Dichloroethene	2.069	96	1862	0.191	ug/L #	1
16) Methylene chloride	2.455	84	4412	0.400	ug/L	96
18) trans-1,2-Dichloroethene	2.706	96	1032	0.116	ug/L	83
22) cis-1,2-Dichloroethene	3.825	96	31169	3.317	ug/L	98
34) Trichloroethene	5.838	95	110710	11.745	ug/L	98
61) 1,2,3-Trichloropropane	11.194	75	7024	1.578	ug/L #	62
71) Naphthalene	13.458	128	1031	0.060	ug/L #	92

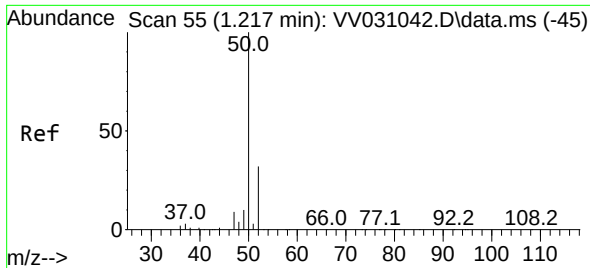
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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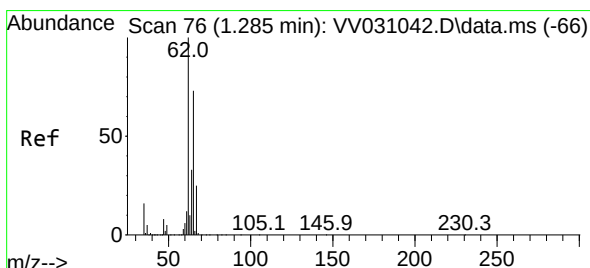
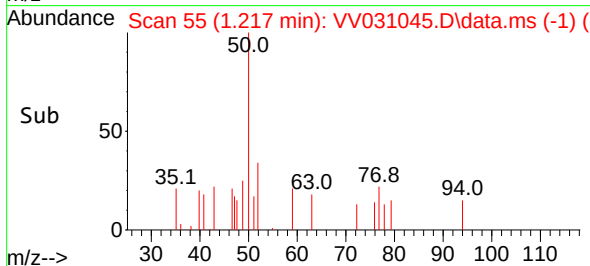
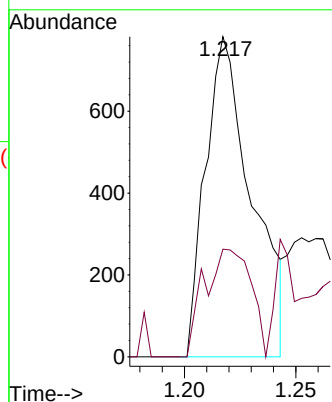
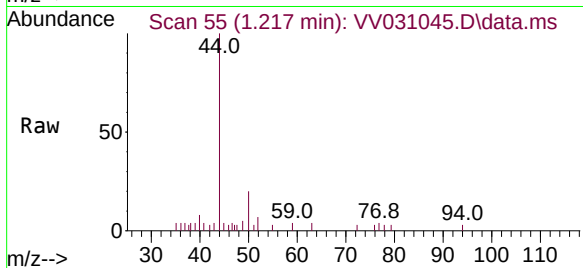




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

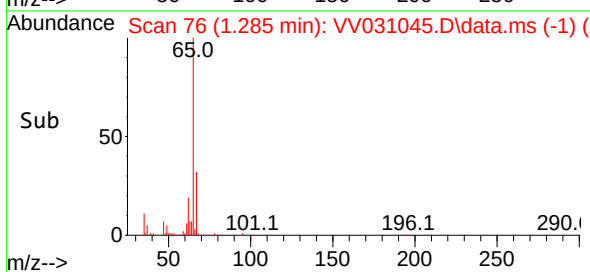
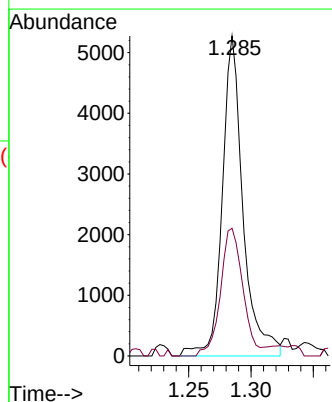
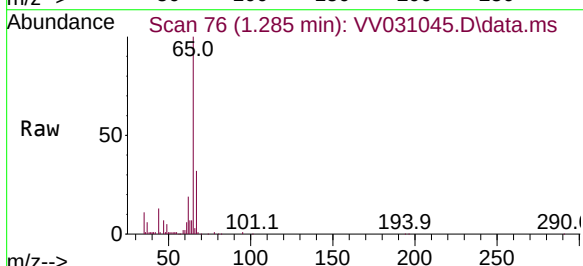
Instrument :
MSVOA_V
ClientSampleId :

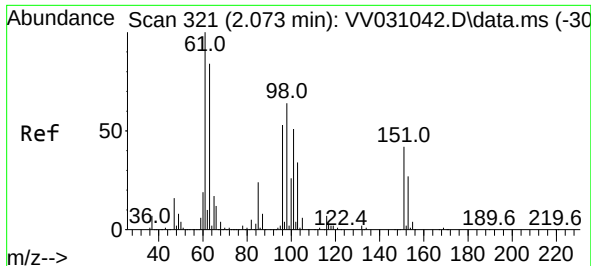
Tgt Ion: 50 Resp: 1126
Ion Ratio Lower Upper
50 100
52 33.6 22.8 42.4



#5
Vinyl chloride
Concen: 0.545 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

Tgt Ion: 62 Resp: 6125
Ion Ratio Lower Upper
62 100
64 39.9 22.8 42.4

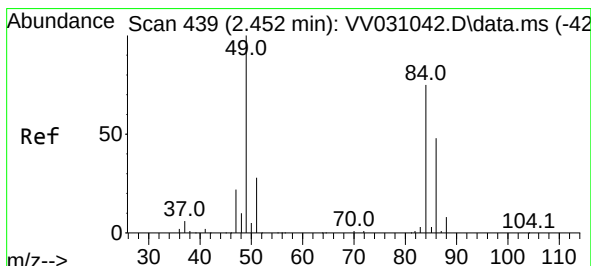
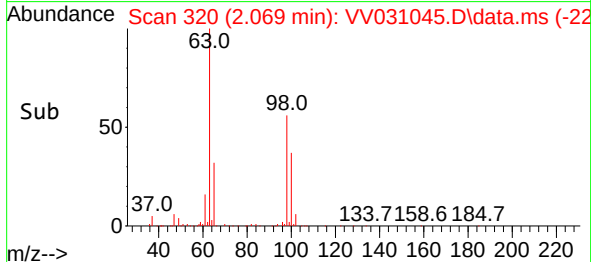
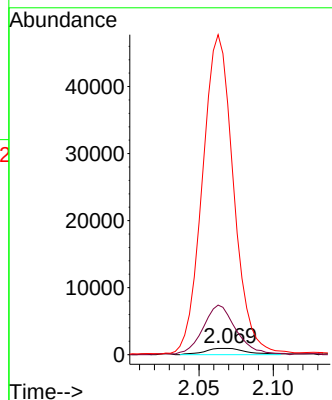
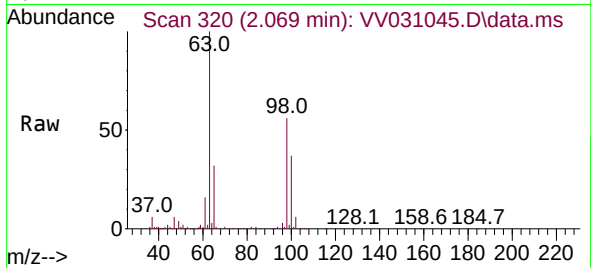




#12
1,1-Dichloroethene
Concen: 0.191 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

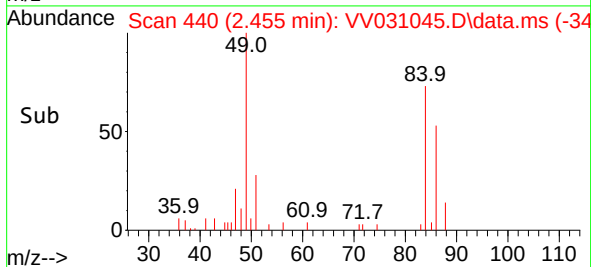
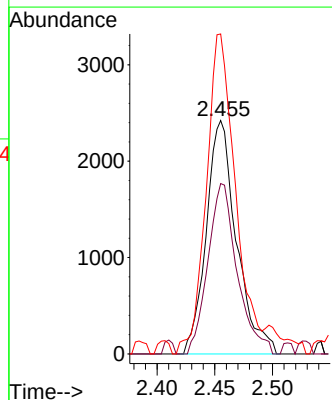
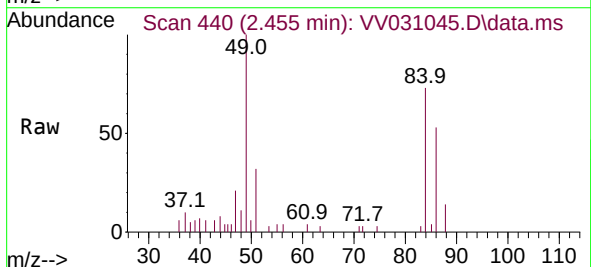
Instrument :
MSVOA_V
ClientSampleId :

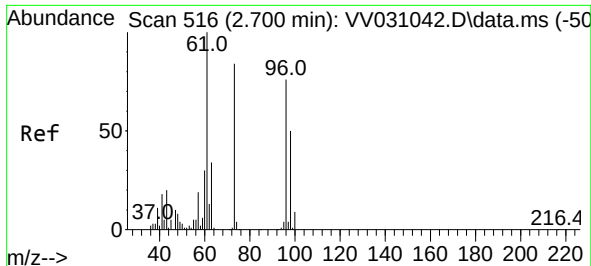
Tgt Ion: 96 Resp: 1862
Ion Ratio Lower Upper
96 100
61 633.3 135.6 251.8#
63 3979.6 121.1 224.9#



#16
Methylene chloride
Concen: 0.400 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

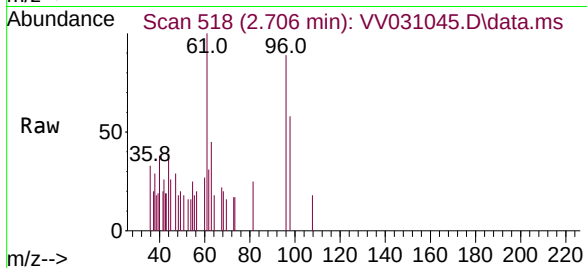
Tgt Ion: 84 Resp: 4412
Ion Ratio Lower Upper
84 100
86 73.0 46.1 85.5
49 137.1 94.3 175.1



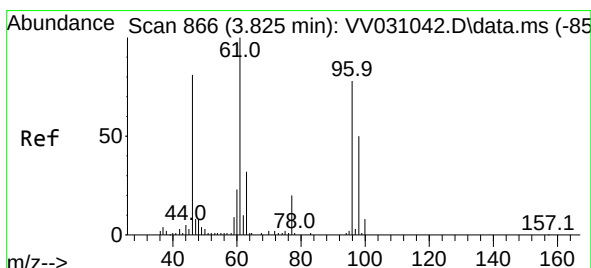
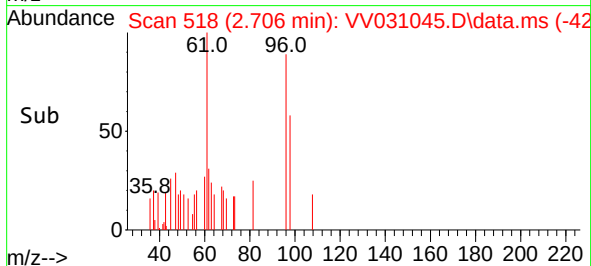
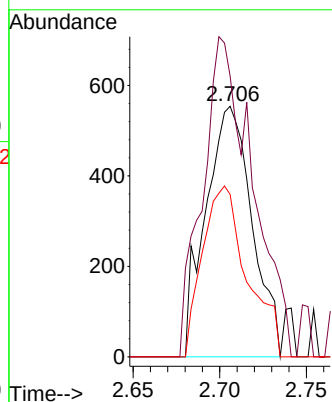


#18
trans-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

Instrument :
MSVOA_V
ClientSampleId :

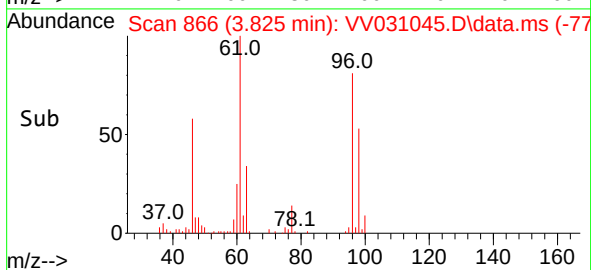
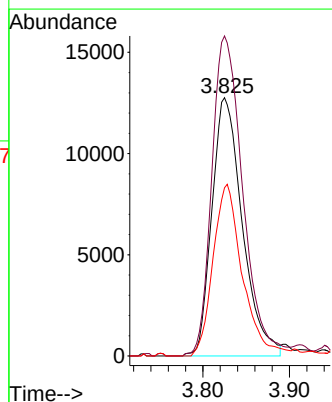
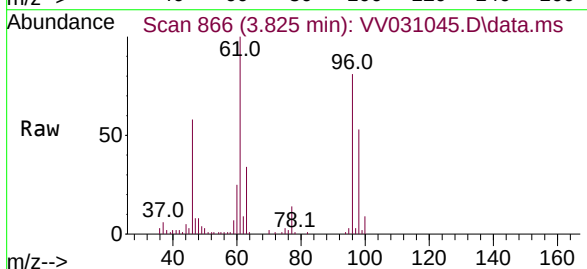


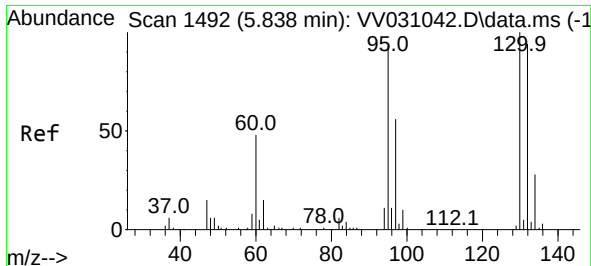
Tgt Ion: 96 Resp: 1032
Ion Ratio Lower Upper
96 100
61 112.1 98.9 183.7
98 64.8 46.0 85.4



#22
cis-1,2-Dichloroethene
Concen: 3.317 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV031045.D
Acq: 16 May 2023 12:05

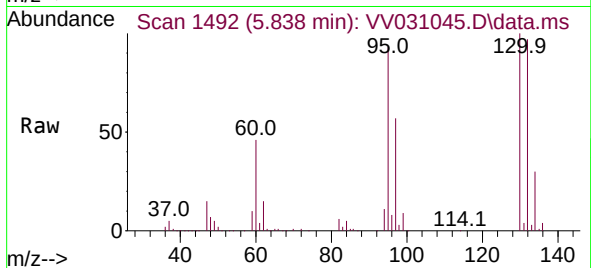
Tgt Ion: 96 Resp: 31169
Ion Ratio Lower Upper
96 100
61 123.9 86.0 159.6
98 65.1 43.2 80.2





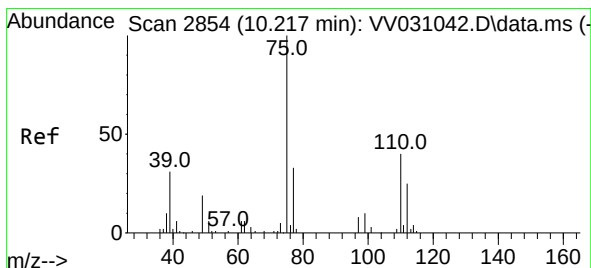
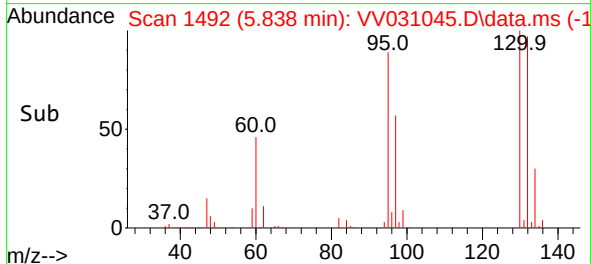
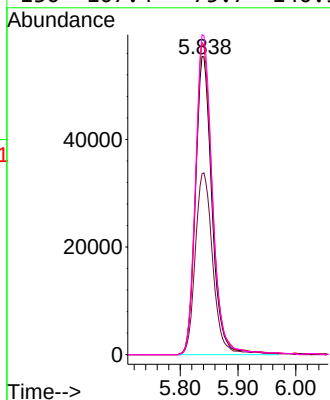
#34
 Trichloroethene
 Concen: 11.745 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: VV031045.D
 Acq: 16 May 2023 12:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 110710

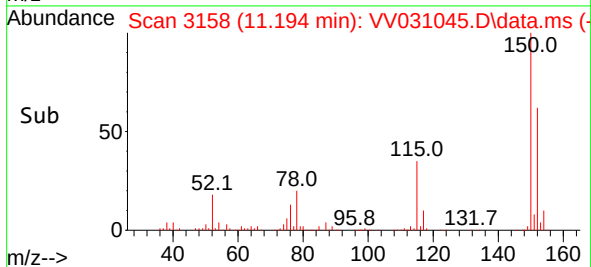
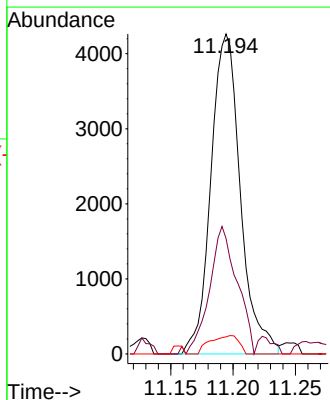
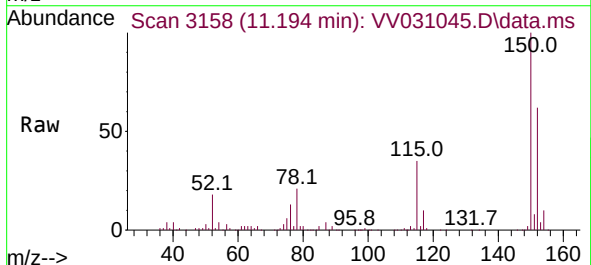
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.2	85.8
132	104.7	72.7	135.1
130	107.4	75.7	140.5

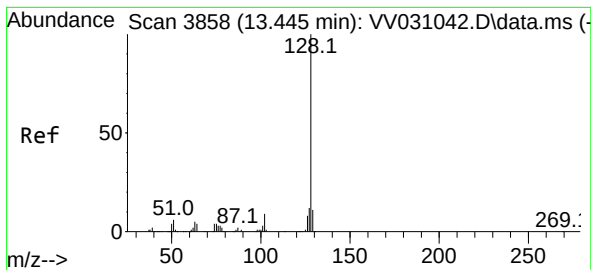


#61
 1,2,3-Trichloropropane
 Concen: 1.578 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.977 min
 Lab File: VV031045.D
 Acq: 16 May 2023 12:05

Tgt Ion: 75 Resp: 7024

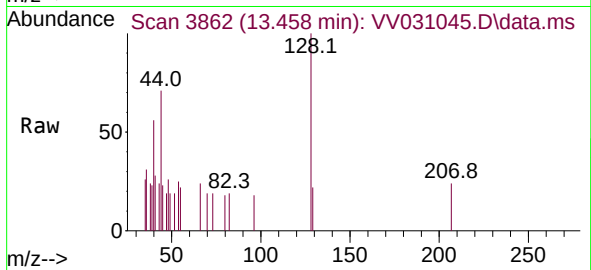
Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.3	37.9
110	5.6	34.0	51.0





#71
Naphthalene
Concen: 0.060 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.013 min
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.6	13.0#
127	10.3	10.6	16.0#

