

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031047.D
 Acq On : 16 May 2023 12:53
 Operator : SY/MD
 Sample : 02790-05DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:43:01 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)

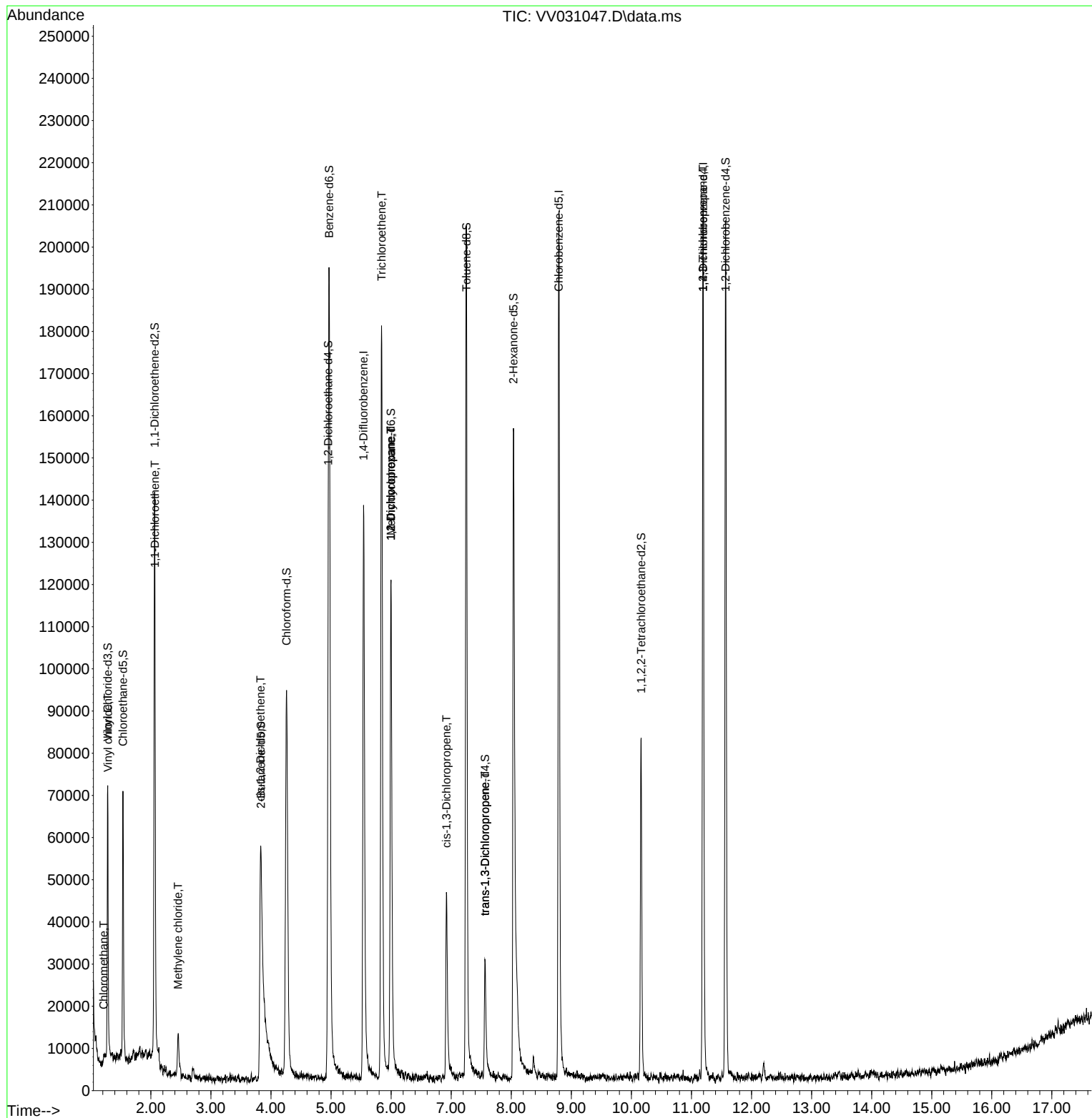
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39694	4.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.535	69	37878	4.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.063	65	22685	4.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	3.834	46	62033	36.269	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.540%	
24) Chloroform-d	4.259	84	97491	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	4.953	65	50584	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	4.969	84	164478	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	5.995	67	49914	5.040	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.252	98	135906	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.564	79	16327	4.398	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.037	63	59292	45.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.180%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35967	5.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	54253	4.894	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1218	0.112	ug/L	97
5) Vinyl chloride	1.285	62	3835	0.422	ug/L #	69
12) 1,1-Dichloroethene	2.069	96	1374	0.174	ug/L #	1
16) Methylene chloride	2.455	84	4871	0.547	ug/L	82
22) cis-1,2-Dichloroethene	3.828	96	18377	2.420	ug/L	95
34) Trichloroethene	5.841	95	59851	7.683	ug/L	96
35) Methylcyclohexane	5.998	83	13100	1.085	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	7030	1.014	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1639	0.158	ug/L #	56
44) trans-1,3-Dichloropropene	7.564	75	1240	0.140	ug/L	95
61) 1,2,3-Trichloropropane	11.191	75	6011	1.609	ug/L #	58

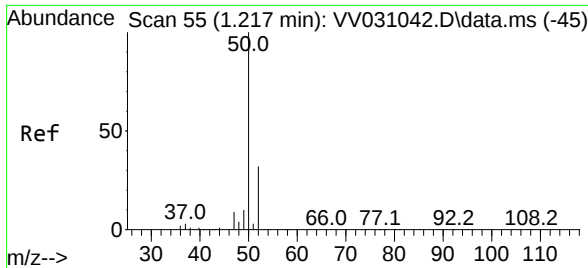
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
Data File : VV031047.D
Acq On : 16 May 2023 12:53
Operator : SY/MD
Sample : 02790-05DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 17 01:43:01 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

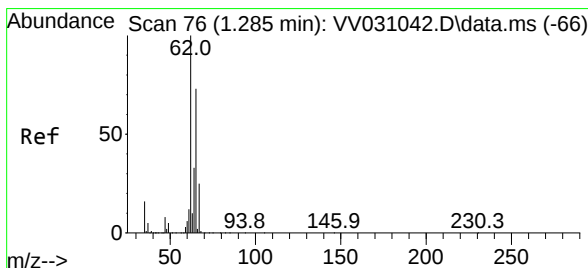
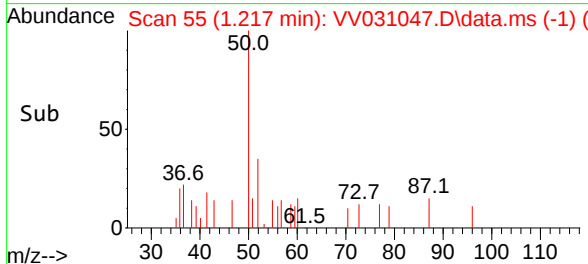
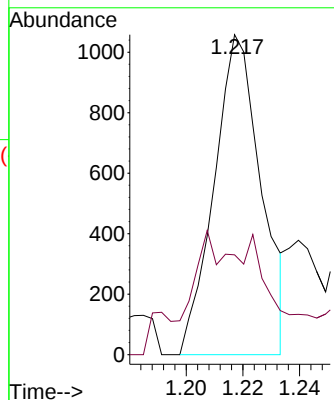
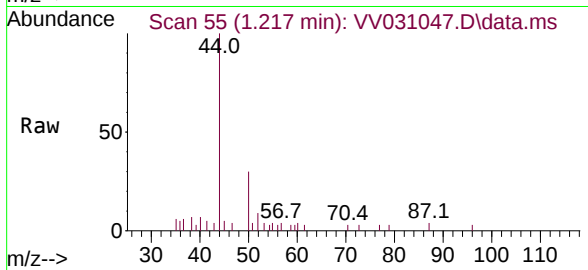




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031047.D
Acq: 16 May 2023 12:53

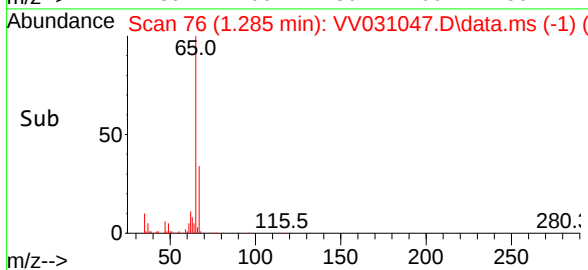
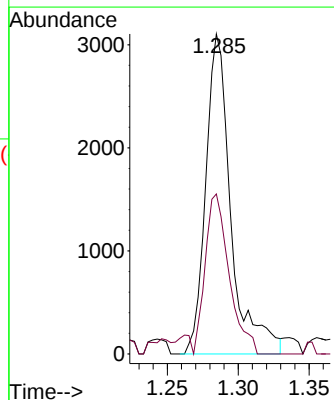
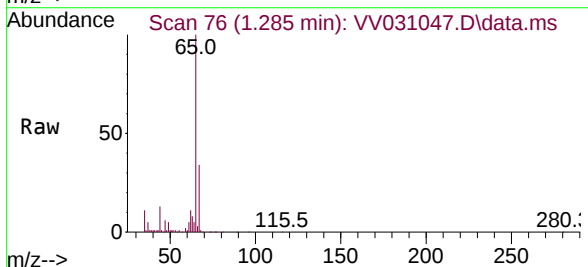
Instrument :
MSVOA_V
ClientSampleId :

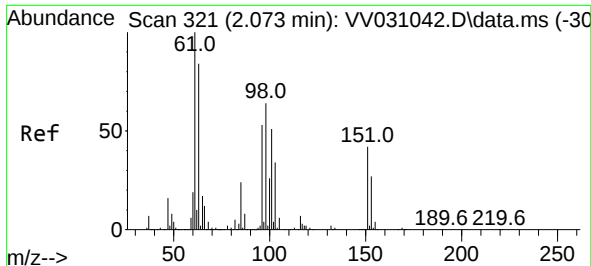
Tgt Ion: 50 Resp: 1218
Ion Ratio Lower Upper
50 100
52 31.2 22.8 42.4



#5
Vinyl chloride
Concen: 0.422 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV031047.D
Acq: 16 May 2023 12:53

Tgt Ion: 62 Resp: 3835
Ion Ratio Lower Upper
62 100
64 50.0 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.174 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031047.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_V

ClientSampleId :

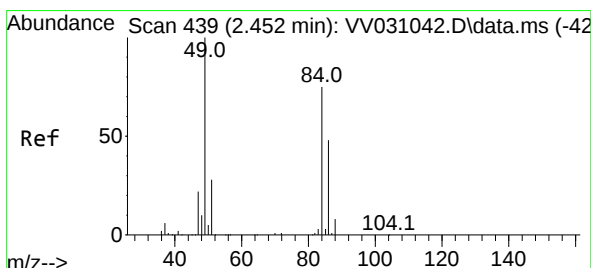
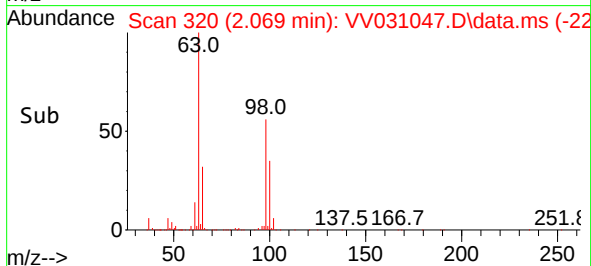
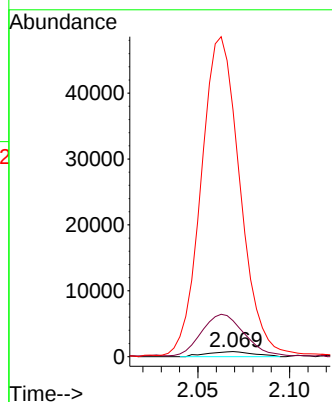
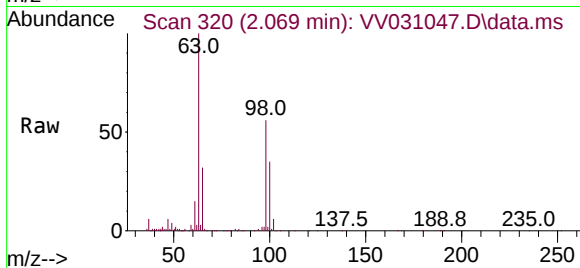
Tgt Ion: 96 Resp: 1374

Ion Ratio Lower Upper

96 100

61 708.2 135.6 251.8#

63 4867.5 121.1 224.9#



#16

Methylene chloride

Concen: 0.547 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV031047.D

Acq: 16 May 2023 12:53

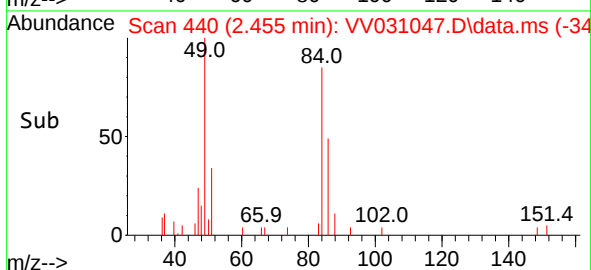
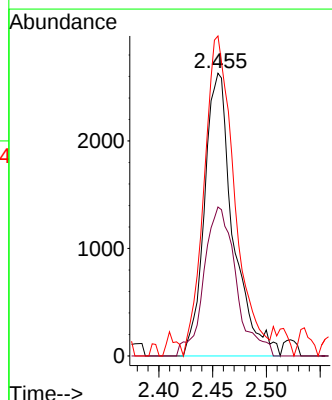
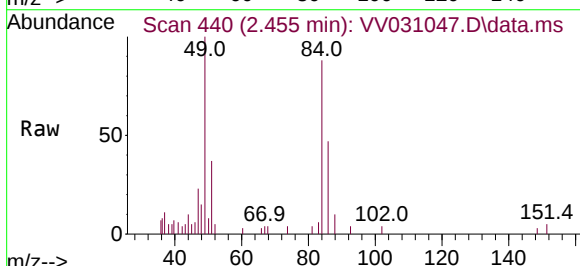
Tgt Ion: 84 Resp: 4871

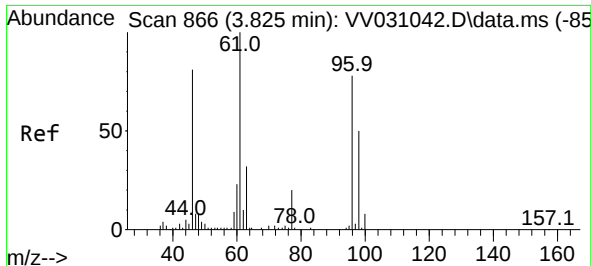
Ion Ratio Lower Upper

84 100

86 52.7 46.1 85.5

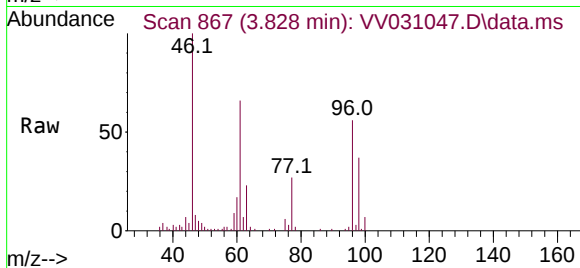
49 113.2 94.3 175.1





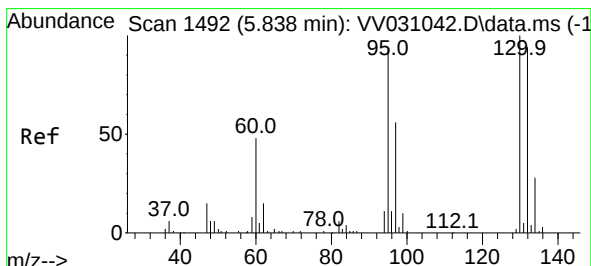
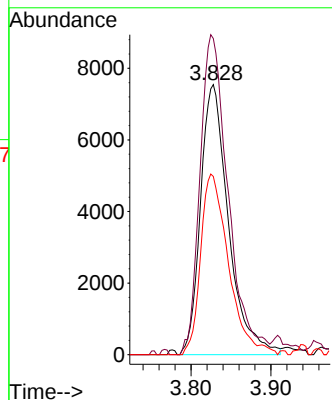
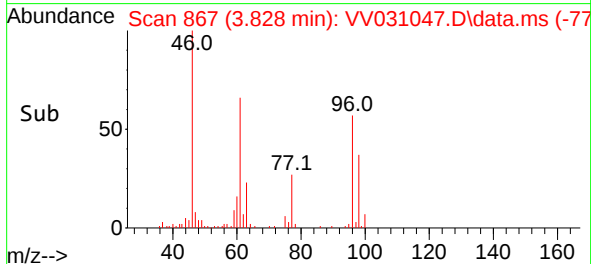
#22
 cis-1,2-Dichloroethene
 Concen: 2.420 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031047.D
 Acq: 16 May 2023 12:53

Instrument :
 MSVOA_V
 ClientSampleId :

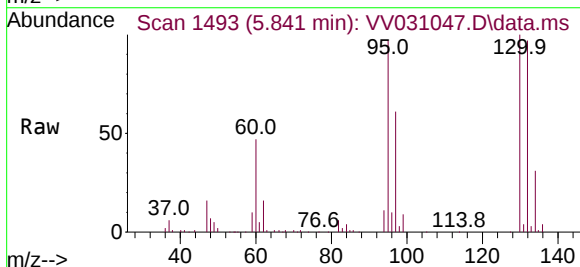


Tgt Ion: 96 Resp: 18377

Ion	Ratio	Lower	Upper
96	100		
61	117.1	86.0	159.6
98	66.0	43.2	80.2

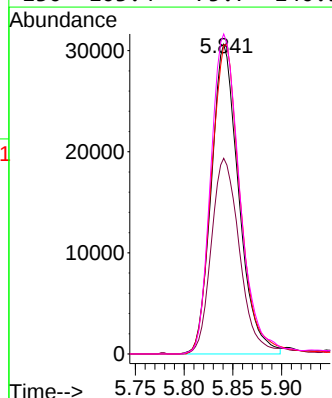
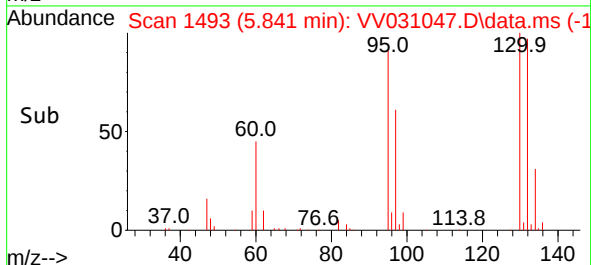


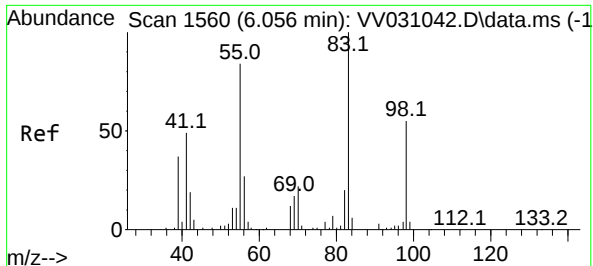
#34
 Trichloroethene
 Concen: 7.683 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV031047.D
 Acq: 16 May 2023 12:53



Tgt Ion: 95 Resp: 59851

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.2	85.8
132	99.8	72.7	135.1
130	103.4	75.7	140.5





#35

Methylcyclohexane

Concen: 1.085 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031047.D

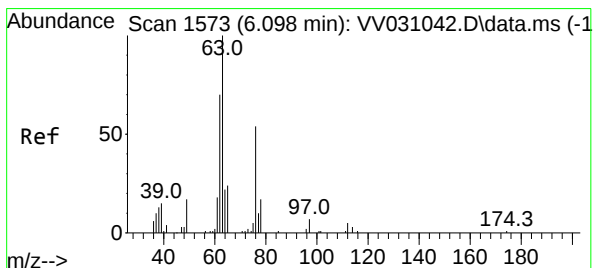
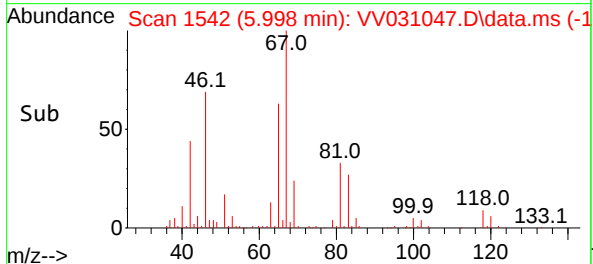
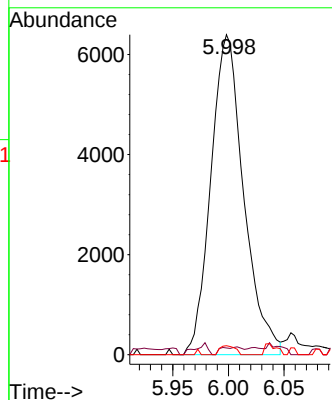
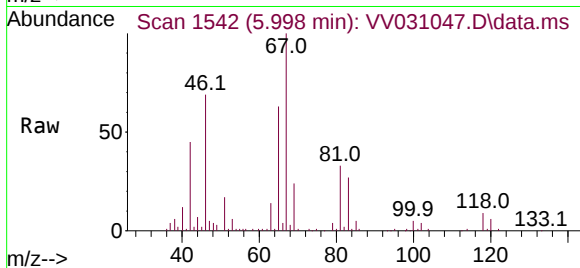
Acq: 16 May 2023 12:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13100
Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.9	94.3#
98	1.3	40.5	60.7#



#37

1,2-Dichloropropane

Concen: 1.014 ug/L

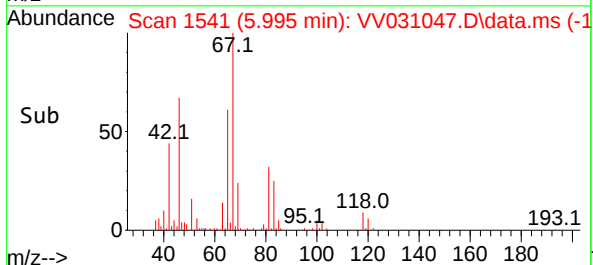
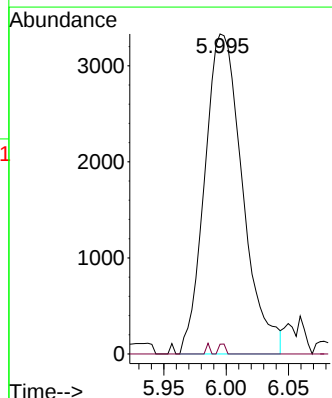
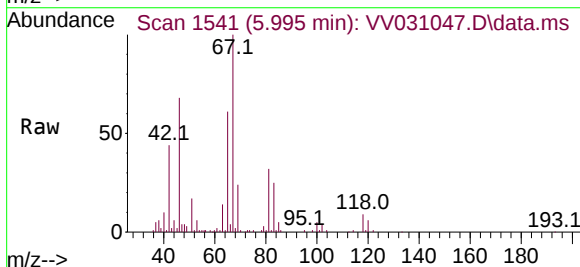
RT: 5.995 min Scan# 1541

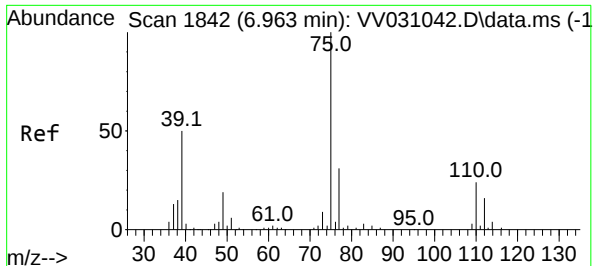
Delta R.T. -0.103 min

Lab File: VV031047.D

Acq: 16 May 2023 12:53

Tgt Ion:	63	Resp:	7030
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.158 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV031047.D

Acq: 16 May 2023 12:53

Instrument :

MSVOA_V

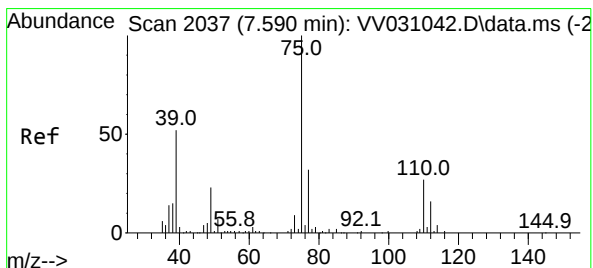
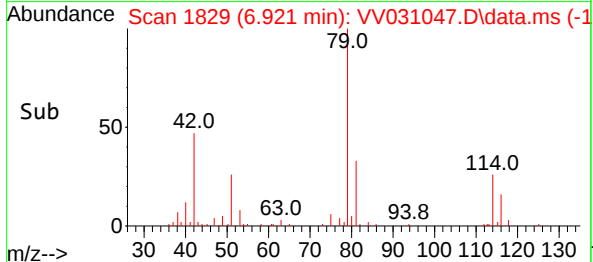
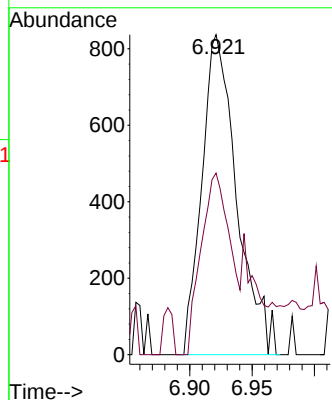
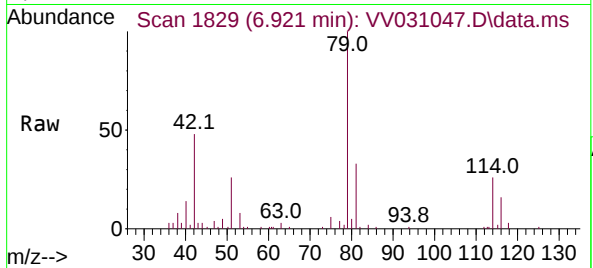
ClientSampleId :

Tgt Ion: 75 Resp: 1639

Ion Ratio Lower Upper

75 100

77 56.8 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.026 min

Lab File: VV031047.D

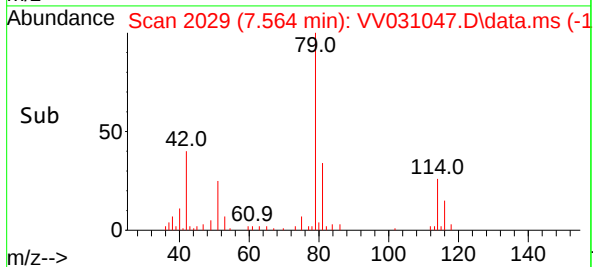
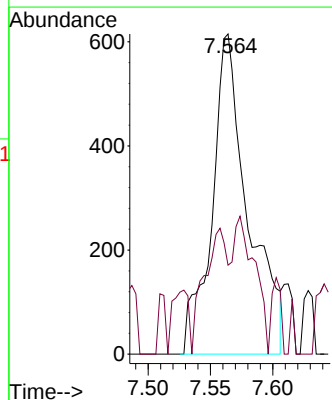
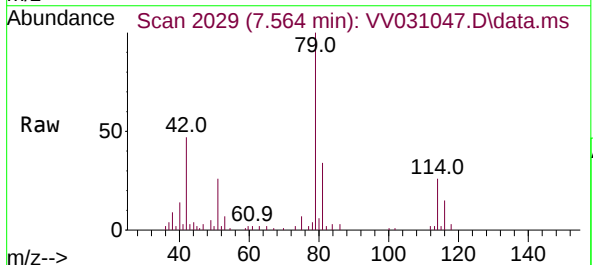
Acq: 16 May 2023 12:53

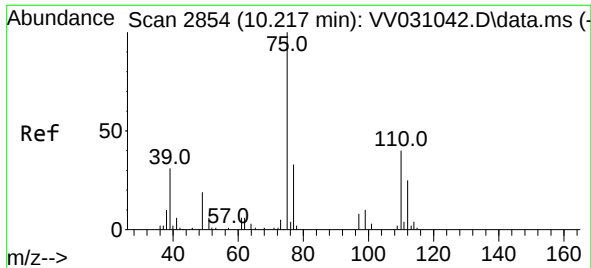
Tgt Ion: 75 Resp: 1240

Ion Ratio Lower Upper

75 100

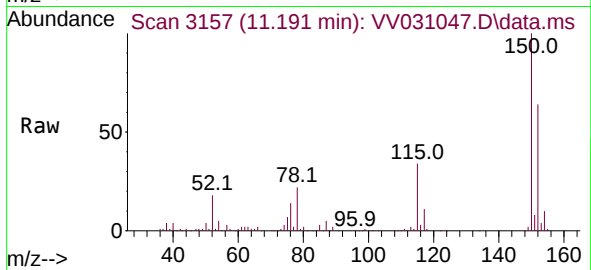
77 27.8 21.6 40.0





#61
1,2,3-Trichloropropane
Concen: 1.609 ug/L
RT: 11.191 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV031047.D
Acq: 16 May 2023 12:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.6	25.3	37.9#
110	4.0	34.0	51.0#

