

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029862.D
 Acq On : 14 Jan 2023 16:48
 Operator : SY/MD
 Sample : 01138-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X4

Quant Time: Jan 16 03:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

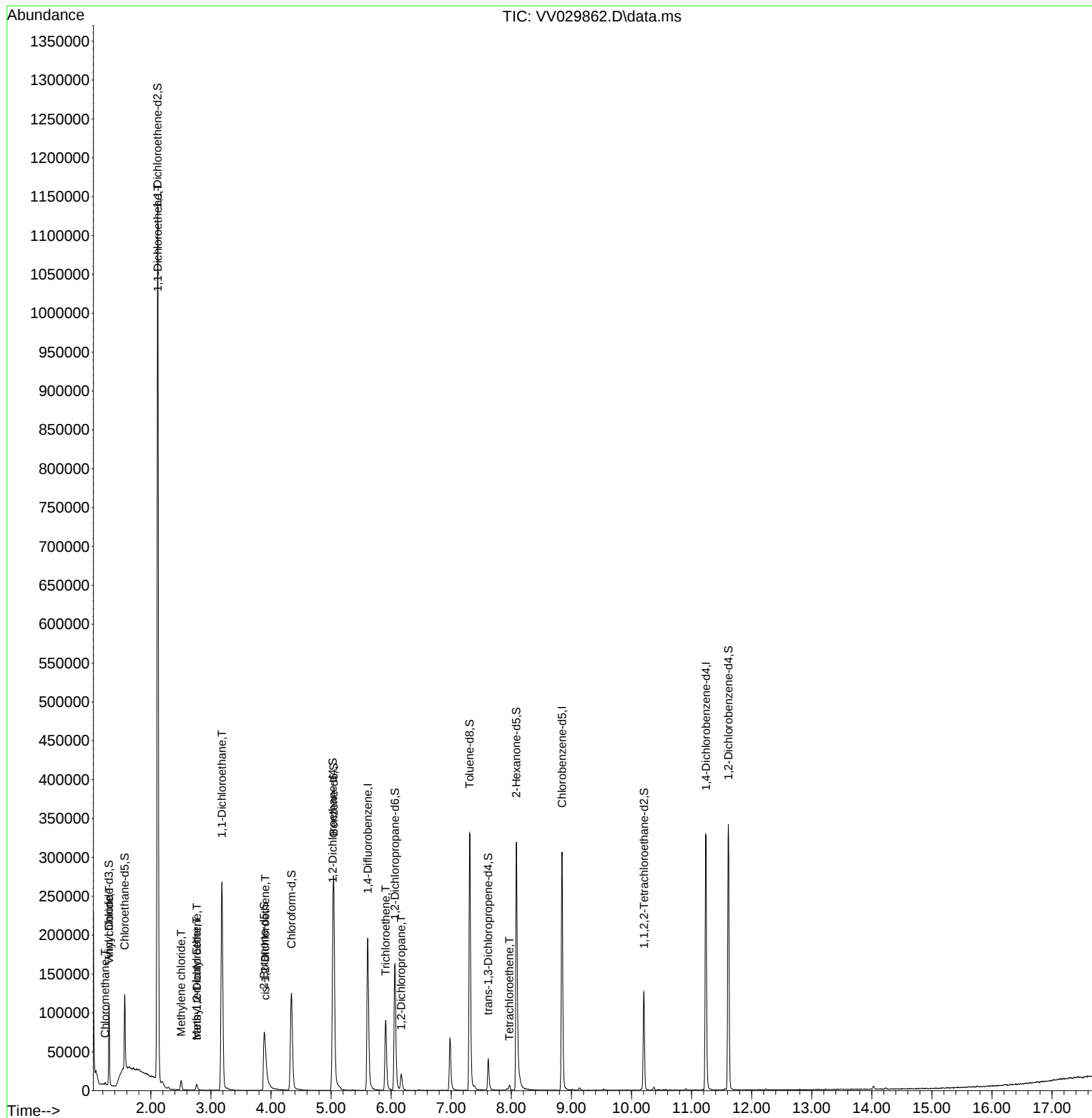
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185392	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	183049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	92188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64059	4.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.564	69	60699	5.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.111	63	252930	9.867	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	197.400%#
20) 2-Butanone-d5	3.886	46	135761	54.471	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	4.339	84	138175	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.027	65	60359	5.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.043	84	283888	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.063	67	86426	5.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.307	98	239457	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.616	79	25304	4.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.085	63	123563	52.296	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64075	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	93717	5.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2166	0.119	ug/L	98
5) Vinyl chloride	1.307	62	834	0.047	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	328538	20.754	ug/L #	83
16) Methylene chloride	2.503	84	5377	0.273	ug/L	95
17) Methyl tert-butyl Ether	2.761	73	5550	0.203	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	808	0.055	ug/L	79
19) 1,1-Dichloroethane	3.182	63	274792	11.162	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	6201	0.395	ug/L	92
34) Trichloroethene	5.908	95	33998	2.217	ug/L	97
37) 1,2-Dichloropropane	6.169	63	8841	0.624	ug/L	99
47) Tetrachloroethene	7.969	164	1590	0.123	ug/L	94

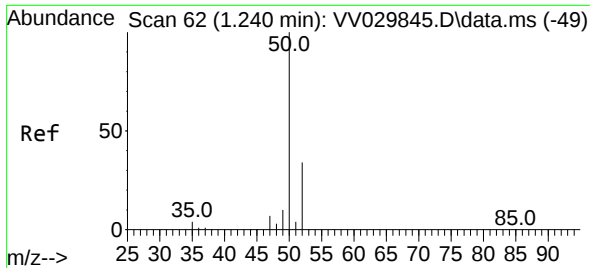
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029862.D
Acq On : 14 Jan 2023 16:48
Operator : SY/MD
Sample : 01138-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 70 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1X4

Quant Time: Jan 16 03:29:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

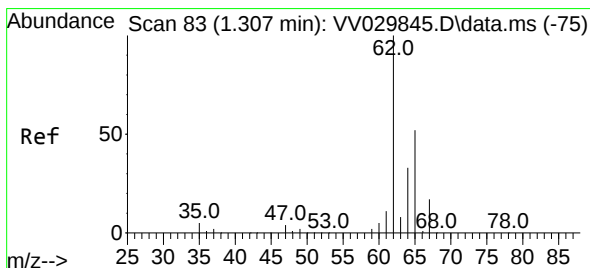
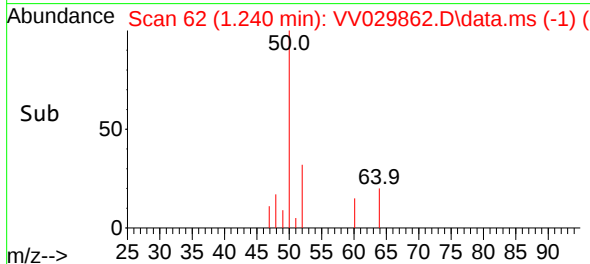
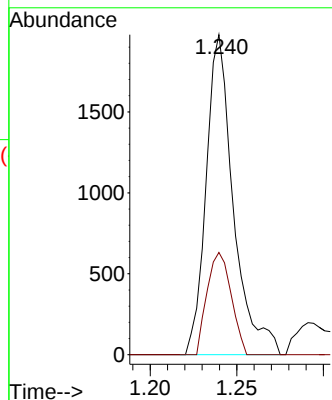
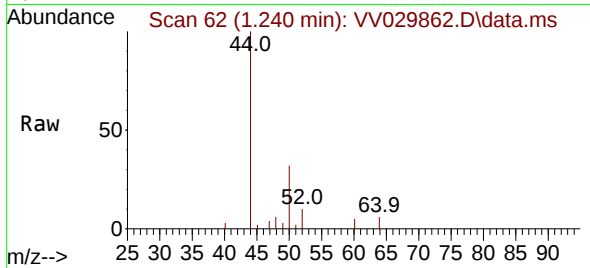




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:48

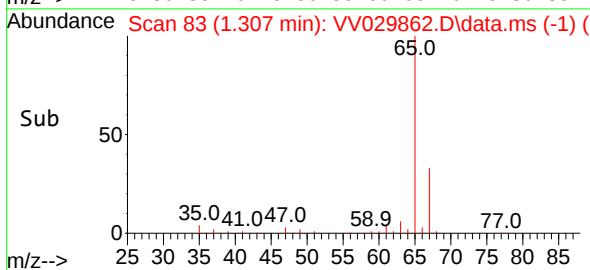
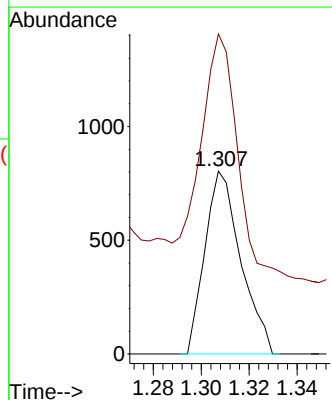
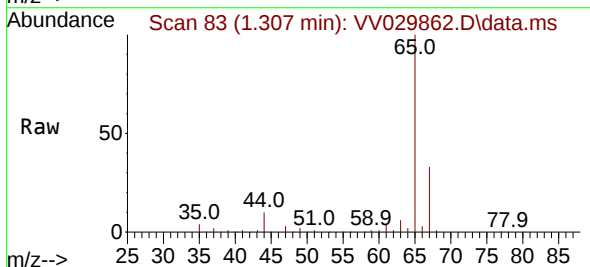
Instrument :
MSVOA_V
ClientSampleId :
BH1X4

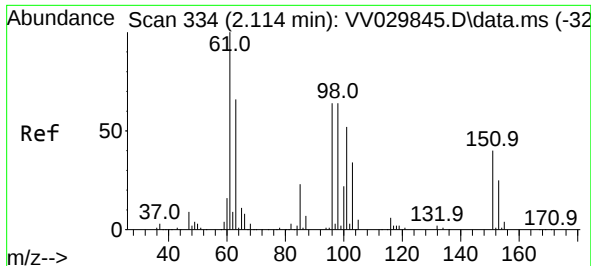
Tgt Ion: 50 Resp: 2166
Ion Ratio Lower Upper
50 100
52 32.0 23.1 42.9



#5
Vinyl chloride
Concen: 0.047 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:48

Tgt Ion: 62 Resp: 834
Ion Ratio Lower Upper
62 100
64 175.0 23.2 43.2#





#12

1,1-Dichloroethene

Concen: 20.754 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:48

Instrument :

MSVOA_V

ClientSampleId :

BH1X4

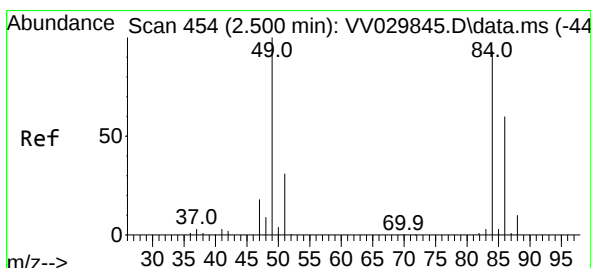
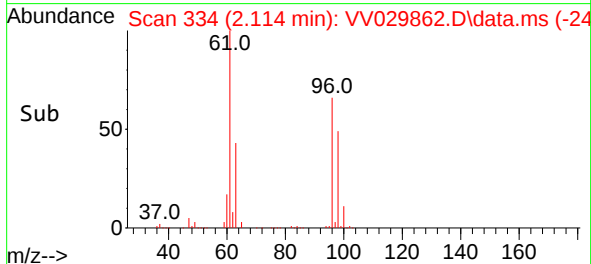
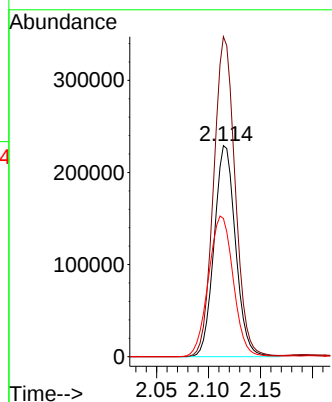
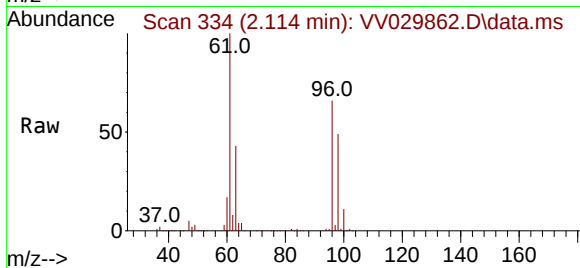
Tgt Ion: 96 Resp: 328538

Ion Ratio Lower Upper

96 100

61 151.6 106.1 197.1

63 65.5 76.4 141.8#



#16

Methylene chloride

Concen: 0.273 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:48

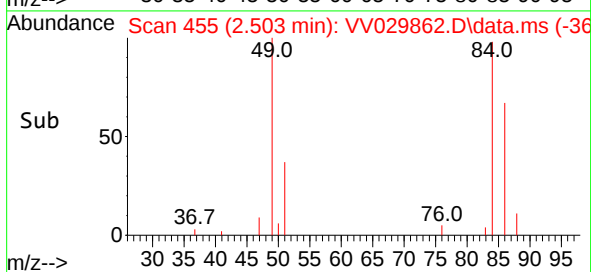
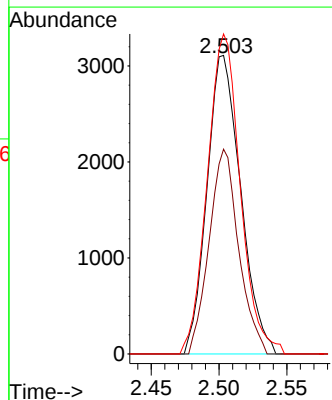
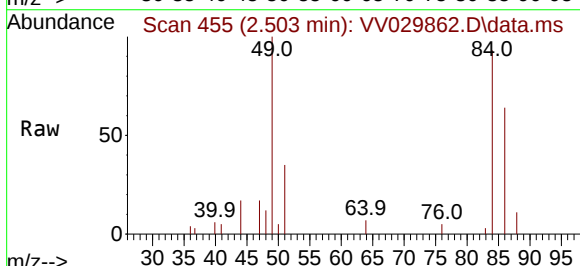
Tgt Ion: 84 Resp: 5377

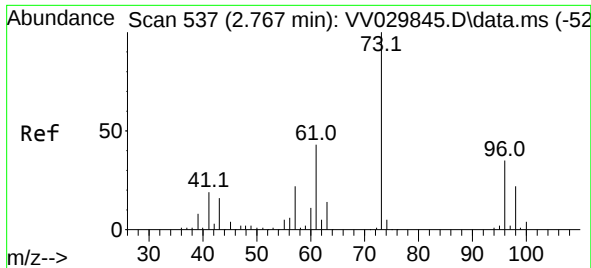
Ion Ratio Lower Upper

84 100

86 68.6 45.0 83.6

49 107.2 71.5 132.7

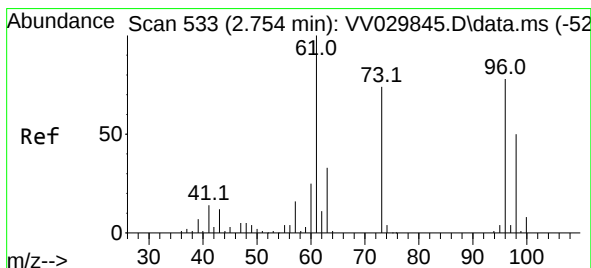
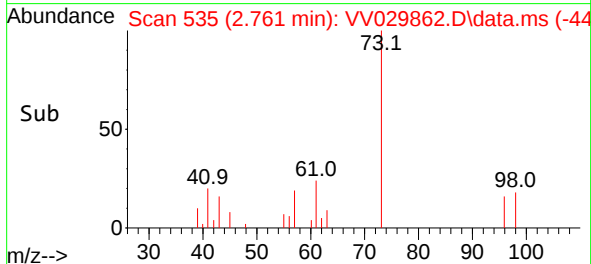
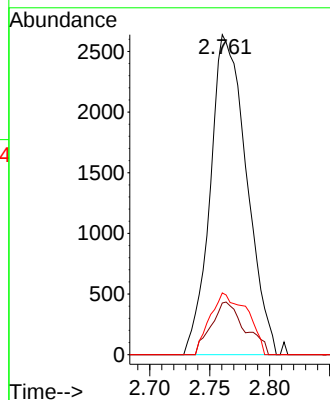
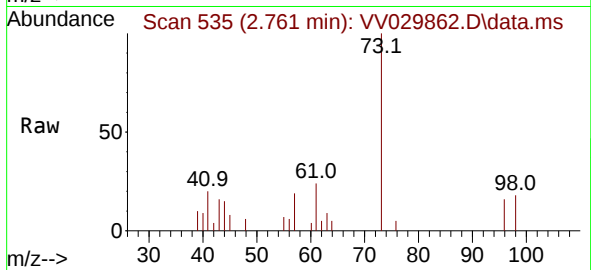




#17
Methyl tert-butyl Ether
Concen: 0.203 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:48

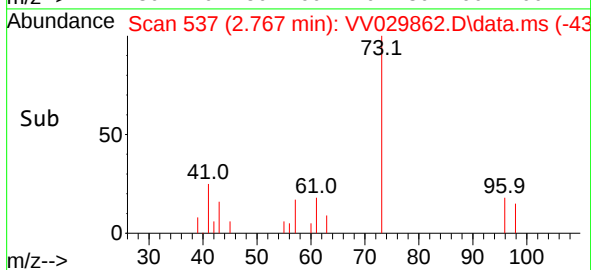
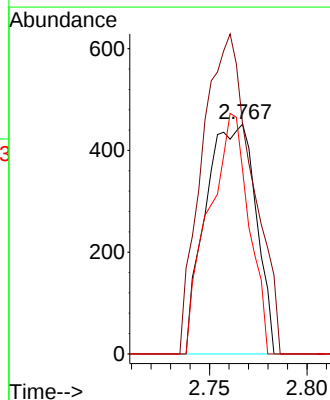
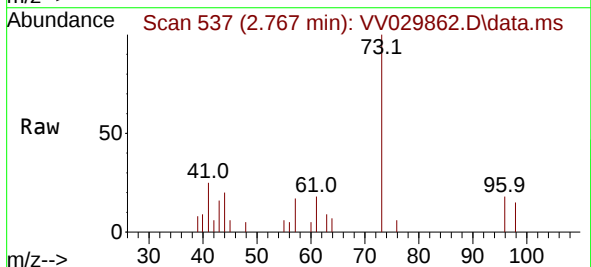
Instrument :
MSVOA_V
ClientSampleId :
BH1X4

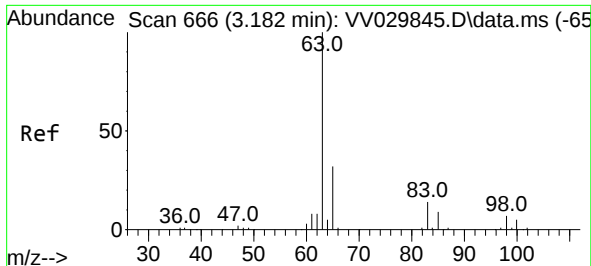
Tgt Ion: 73	Resp:	5550
Ion	Ratio	Lower Upper
73	100	
43	15.4	13.0 19.4
57	19.8	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.055 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.016 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:48

Tgt Ion: 96	Resp:	808
Ion	Ratio	Lower Upper
96	100	
61	100.0	86.1 159.9
98	79.9	43.9 81.5





#19

1,1-Dichloroethane

Concen: 11.162 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:48

Instrument :

MSVOA_V

ClientSampleId :

BH1X4

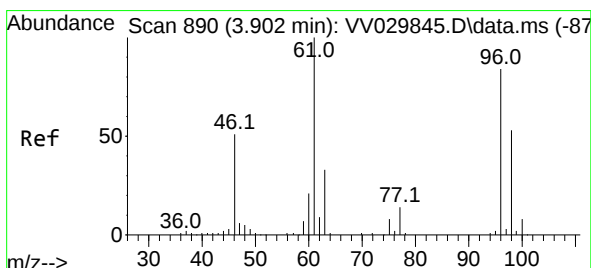
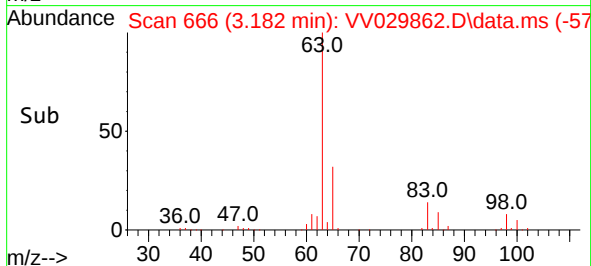
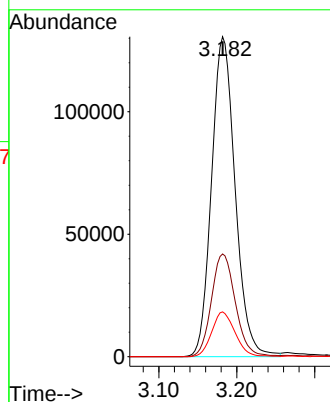
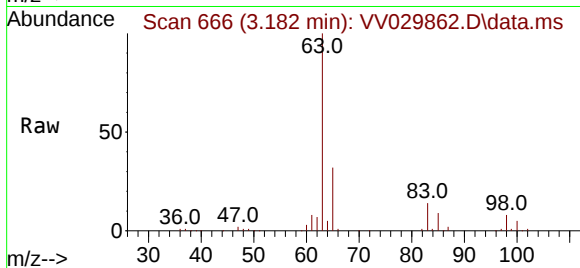
Tgt Ion: 63 Resp: 274792

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 14.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.395 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:48

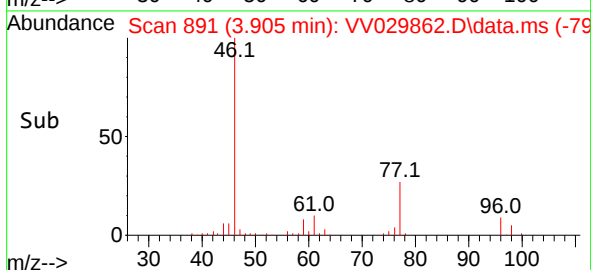
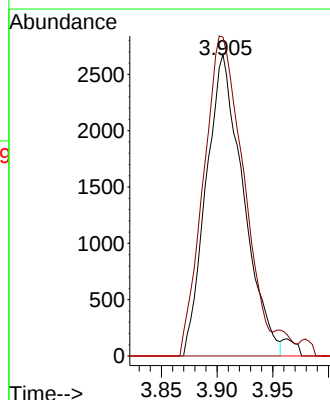
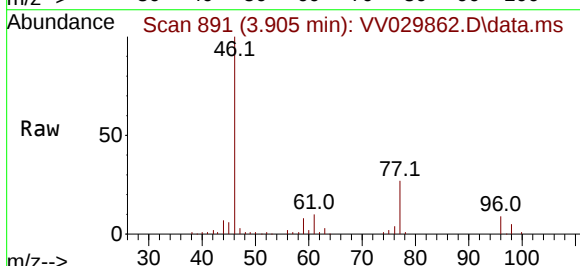
Tgt Ion: 96 Resp: 6201

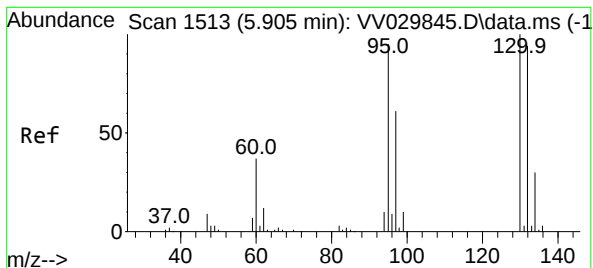
Ion Ratio Lower Upper

96 100

61 105.7 80.0 148.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.217 ug/L

RT: 5.908 min Scan# 1513

Delta R.T. 0.003 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:48

Instrument :

MSVOA_V

ClientSampleId :

BH1X4

Tgt Ion: 95 Resp: 33998

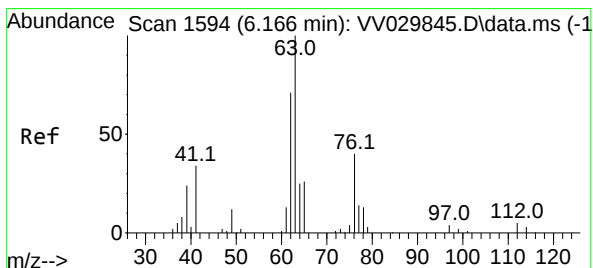
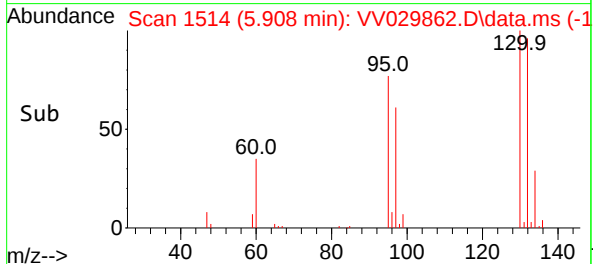
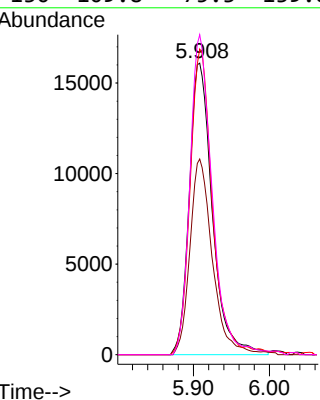
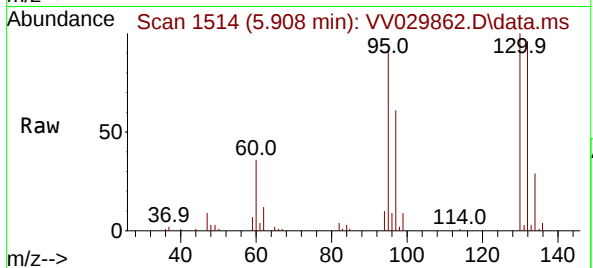
Ion Ratio Lower Upper

95 100

97 67.1 44.9 83.3

132 104.9 71.8 133.4

130 109.8 75.3 139.8



#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VV029862.D

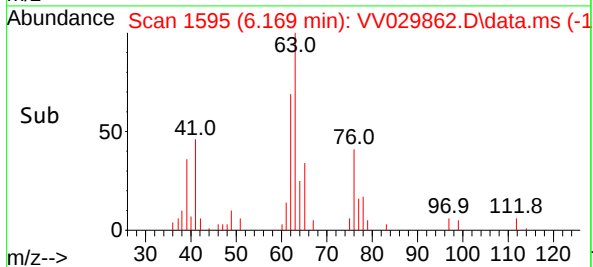
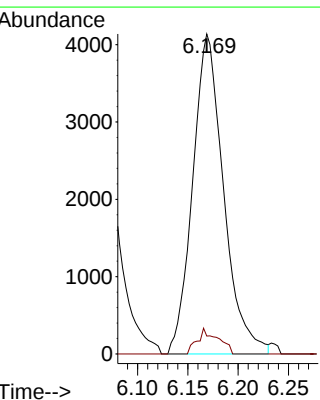
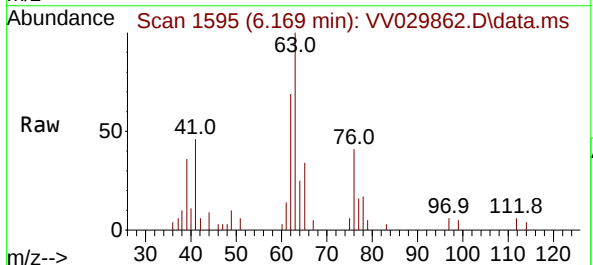
Acq: 14 Jan 2023 16:48

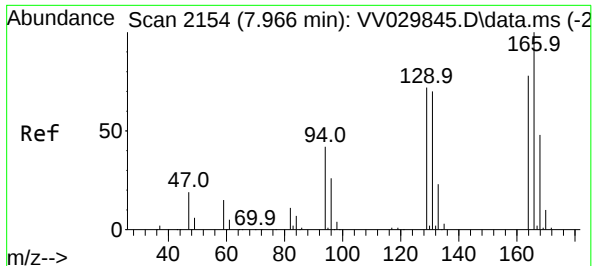
Tgt Ion: 63 Resp: 8841

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9





#47
 Tetrachloroethene
 Concen: 0.123 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.003 min
 Lab File: VV029862.D
 Acq: 14 Jan 2023 16:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X4

Tgt Ion:164 Resp: 1590

Ion	Ratio	Lower	Upper
164	100		
129	94.1	64.5	119.7
131	86.4	62.9	116.7
166	116.3	90.7	168.5

