

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029870.D
 Acq On : 16 Jan 2023 12:37
 Operator : SY/MD
 Sample : 01136-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB9

Quant Time: Jan 17 00:37:46 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)

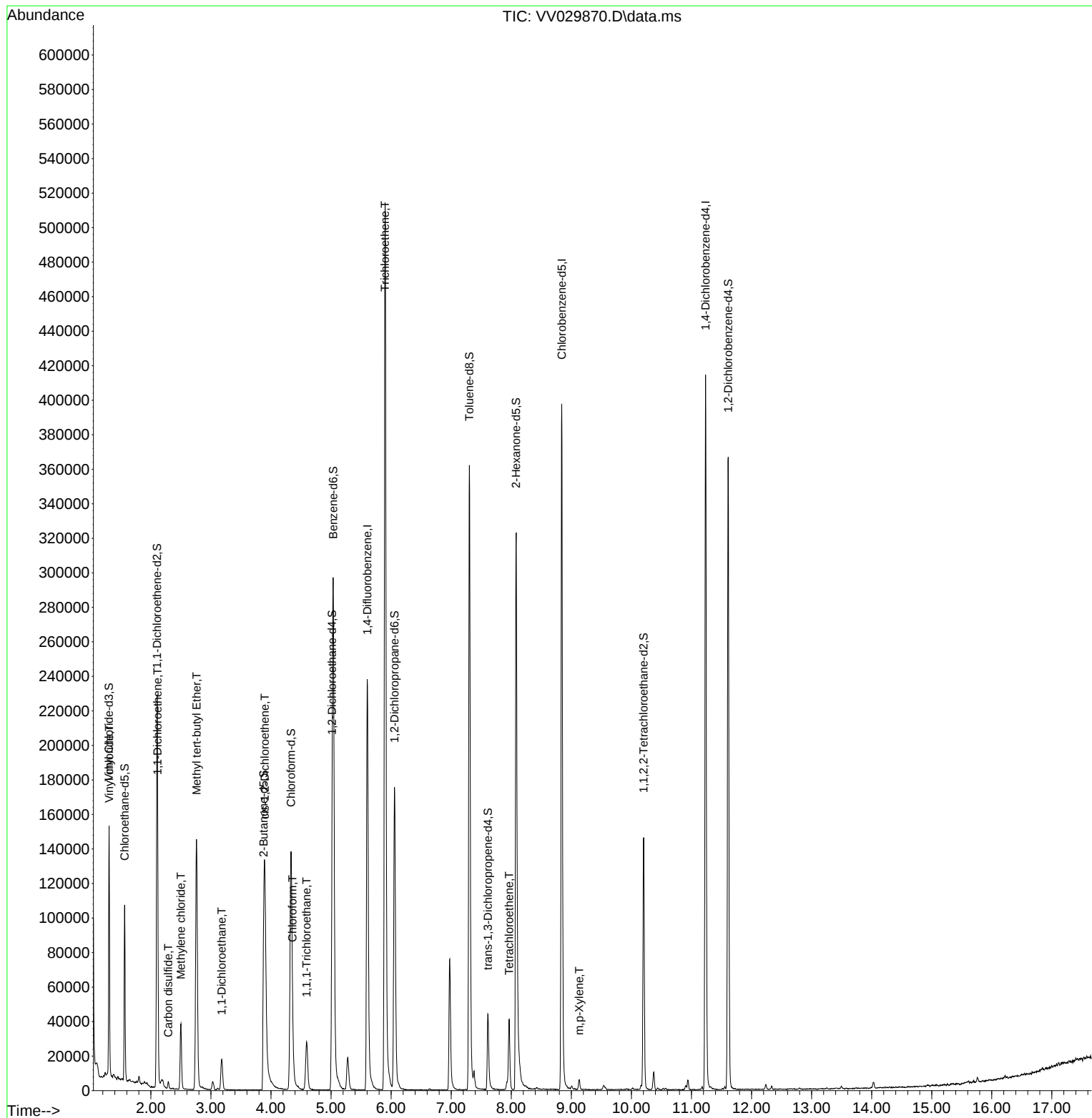
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	227885	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	232572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	113797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65684	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.565	69	64479	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.102	63	106112	3.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.880	46	141455	46.173	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.340%
24) Chloroform-d	4.333	84	151163	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.018	65	64769	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.037	84	304417	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.056	67	94434	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.304	98	258955	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.613	79	29442	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.082	63	128392	42.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.540%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	75202	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	103308	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	24662	1.127	ug/L	97
12) 1,1-Dichloroethene	2.114	96	25195	1.295	ug/L #	54
14) Carbon disulfide	2.291	76	5465	0.098	ug/L #	93
16) Methylene chloride	2.500	84	17211	0.712	ug/L	99
17) Methyl tert-butyl Ether	2.761	73	153408	4.560	ug/L	100
19) 1,1-Dichloroethane	3.179	63	19428	0.642	ug/L	97
22) cis-1,2-Dichloroethene	3.896	96	48826	2.533	ug/L	96
25) Chloroform	4.359	83	19596	0.596	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	23673	0.784	ug/L	98
34) Trichloroethene	5.899	95	191643	9.834	ug/L	97
47) Tetrachloroethene	7.963	164	9811	0.598	ug/L	94
53) m,p-Xylene	9.133	106	1970	0.057	ug/L	78

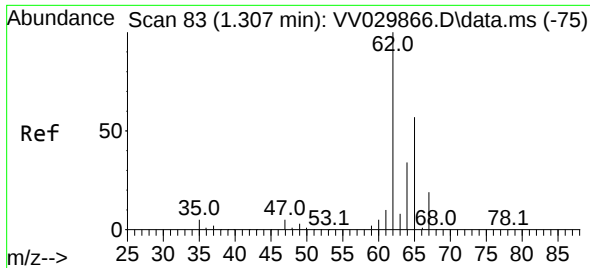
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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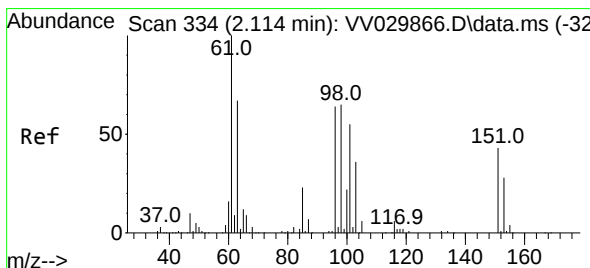
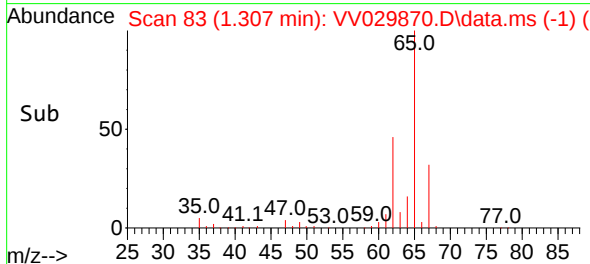
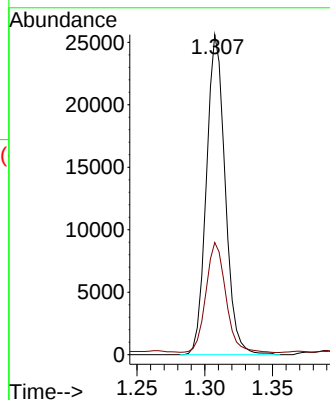
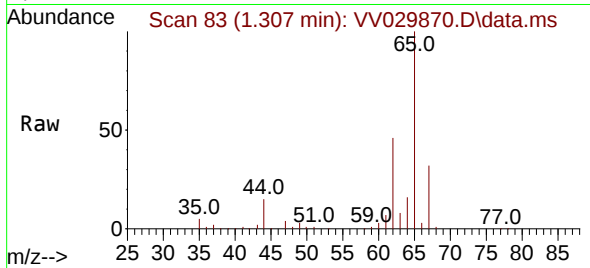




#5
 Vinyl chloride
 Concen: 1.127 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV029870.D
 Acq: 16 Jan 2023 12:37

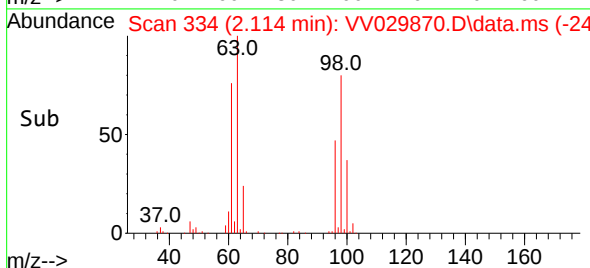
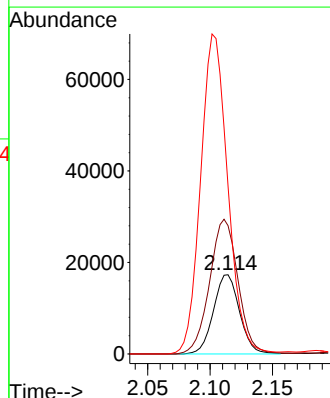
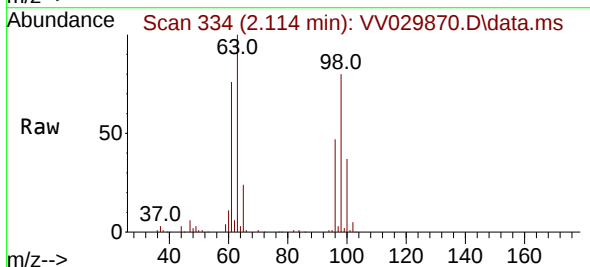
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB9

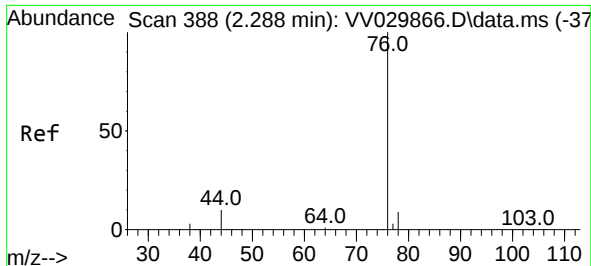
Tgt Ion: 62 Resp: 24662
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 1.295 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029870.D
 Acq: 16 Jan 2023 12:37

Tgt Ion: 96 Resp: 25195
 Ion Ratio Lower Upper
 96 100
 61 162.1 106.1 197.1
 63 212.2 76.4 141.8#

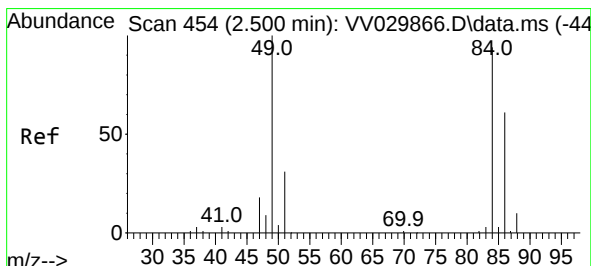
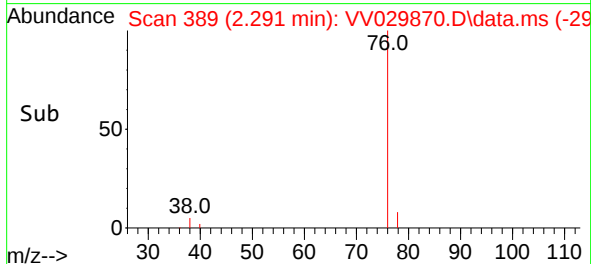
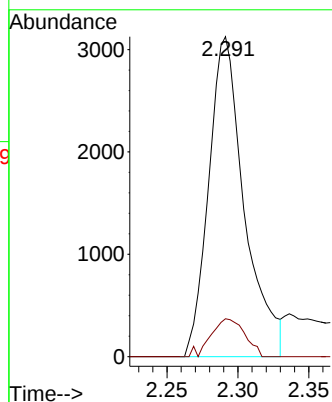
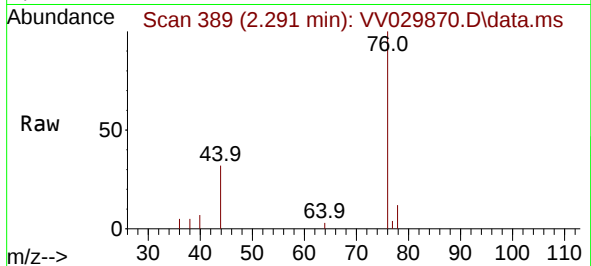




#14
Carbon disulfide
Concen: 0.098 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029870.D
Acq: 16 Jan 2023 12:37

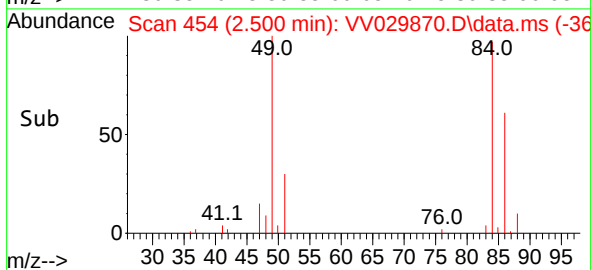
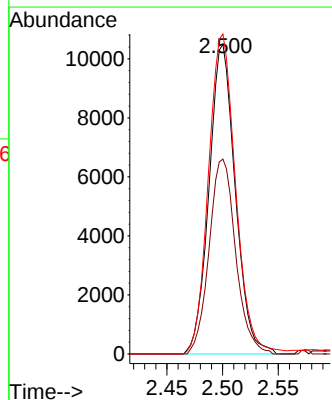
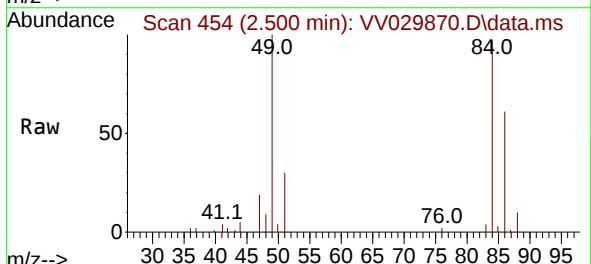
Instrument :
MSVOA_V
ClientSampleId :
BGJB9

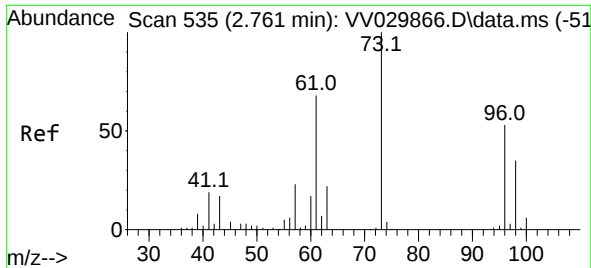
Tgt Ion: 76 Resp: 5465
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.0#



#16
Methylene chloride
Concen: 0.712 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029870.D
Acq: 16 Jan 2023 12:37

Tgt Ion: 84 Resp: 17211
Ion Ratio Lower Upper
84 100
86 62.9 45.0 83.6
49 103.3 71.5 132.7

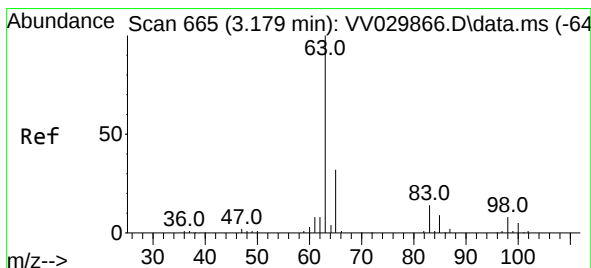
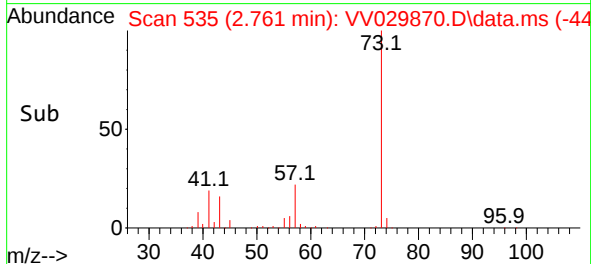
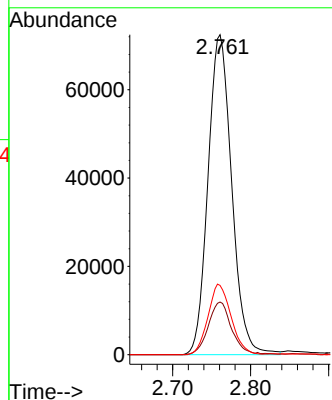
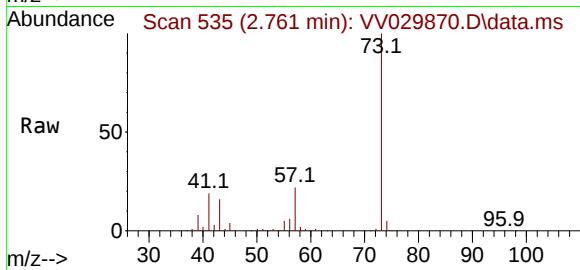




#17
Methyl tert-butyl Ether
Concen: 4.560 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029870.D
Acq: 16 Jan 2023 12:37

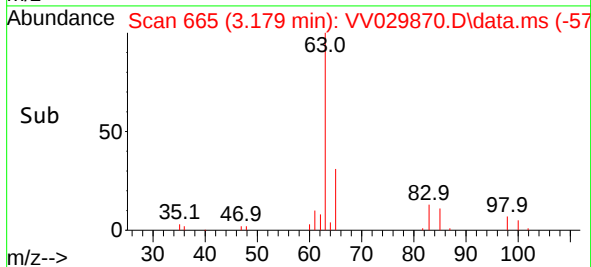
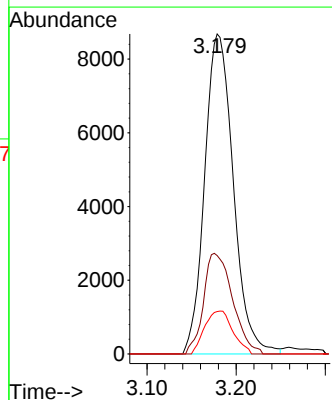
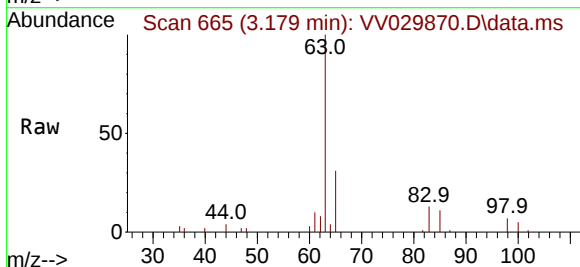
Instrument :
MSVOA_V
ClientSampleId :
BGJB9

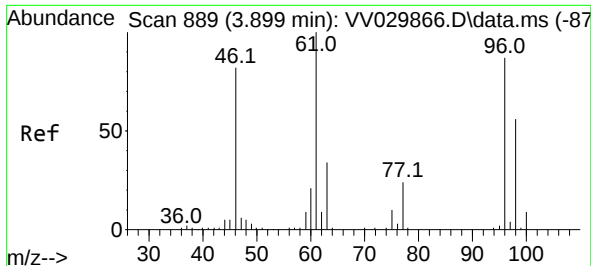
Tgt Ion:	73	Resp:	153408
Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.0	19.4
57	21.4	17.1	25.7



#19
1,1-Dichloroethane
Concen: 0.642 ug/L
RT: 3.179 min Scan# 665
Delta R.T. 0.000 min
Lab File: VV029870.D
Acq: 16 Jan 2023 12:37

Tgt Ion:	63	Resp:	19428
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.4	41.6
83	13.3	10.2	19.0

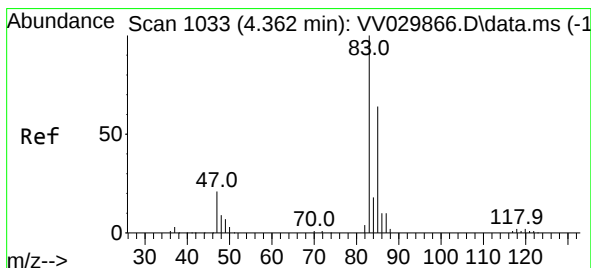
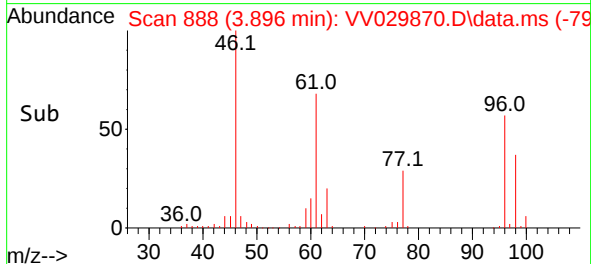
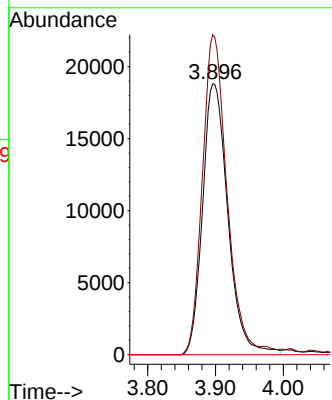
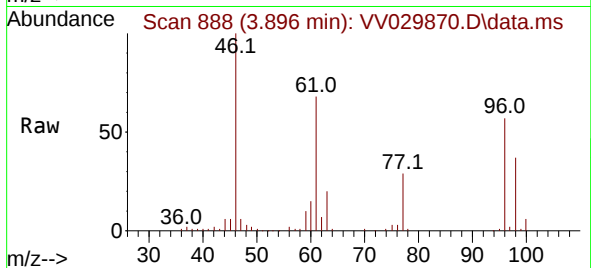




#22
 cis-1,2-Dichloroethene
 Concen: 2.533 ug/L
 RT: 3.896 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029870.D
 Acq: 16 Jan 2023 12:37

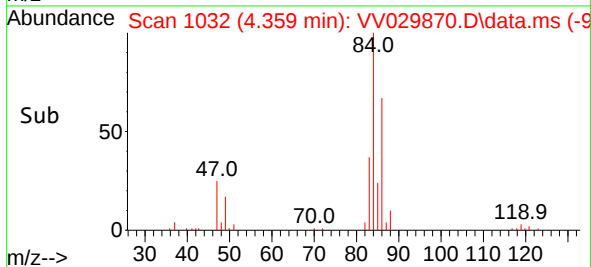
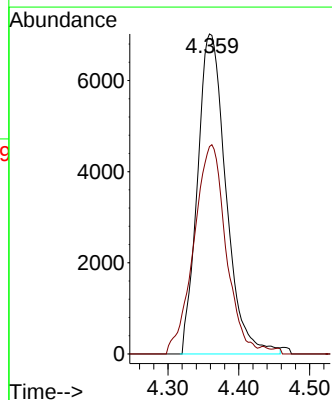
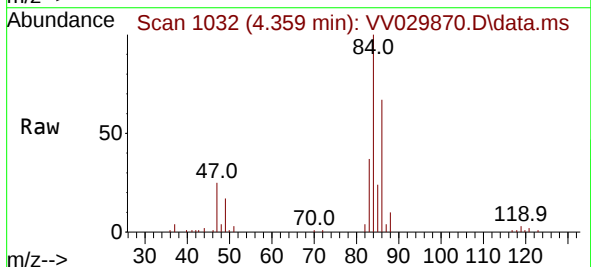
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 ClientSampleId :
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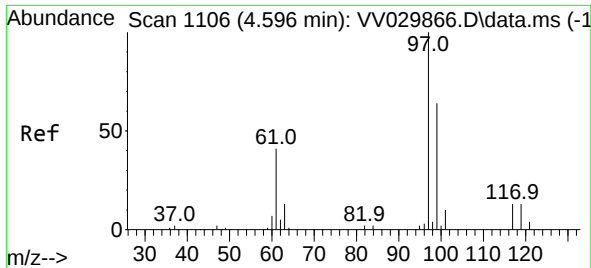
Tgt Ion: 96 Resp: 48826
 Ion Ratio Lower Upper
 96 100
 61 118.2 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.596 ug/L
 RT: 4.359 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VV029870.D
 Acq: 16 Jan 2023 12:37

Tgt Ion: 83 Resp: 19596
 Ion Ratio Lower Upper
 83 100
 85 64.8 46.5 86.5





#29

1,1,1-Trichloroethane

Concen: 0.784 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV029870.D

Acq: 16 Jan 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

BGJB9

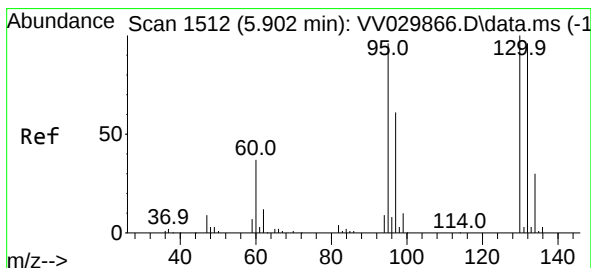
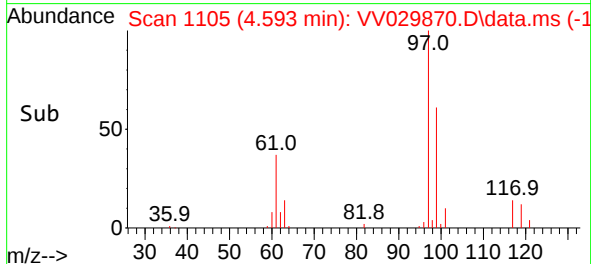
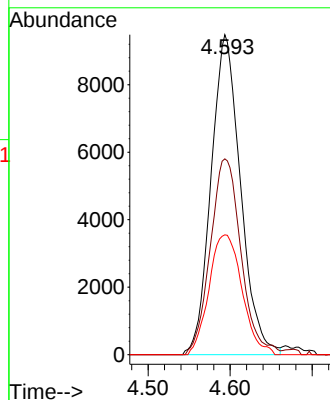
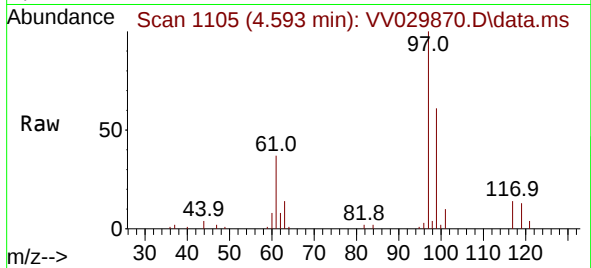
Tgt Ion: 97 Resp: 23673

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 42.0 31.6 47.4



#34

Trichloroethene

Concen: 9.834 ug/L

RT: 5.899 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VV029870.D

Acq: 16 Jan 2023 12:37

Tgt Ion: 95 Resp: 191643

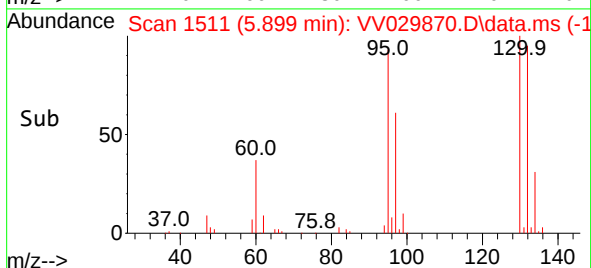
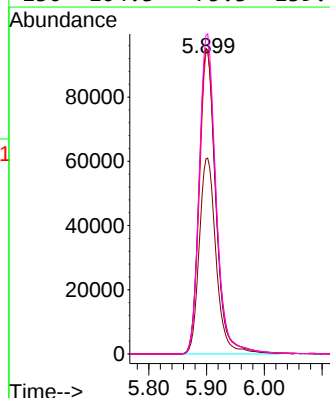
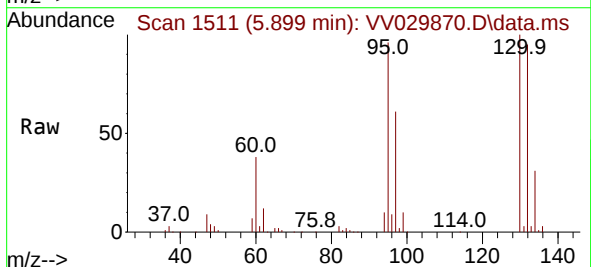
Ion Ratio Lower Upper

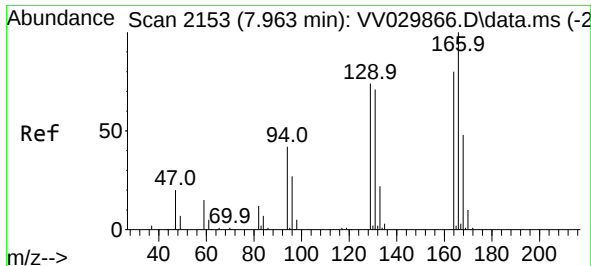
95 100

97 63.9 44.9 83.3

132 99.0 71.8 133.4

130 104.3 75.3 139.8





#47

Tetrachloroethene

Concen: 0.598 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.003 min

Lab File: VV029870.D

Acq: 16 Jan 2023 12:37

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MSVOA_V

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Tgt Ion:164 Resp: 9811

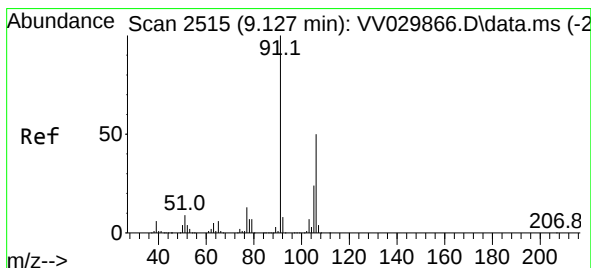
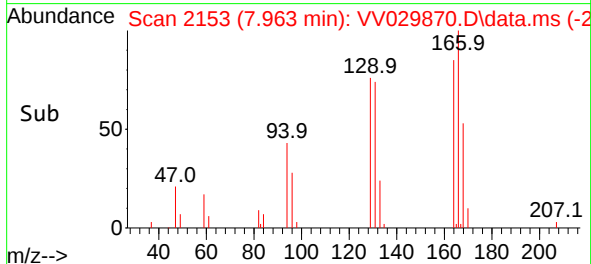
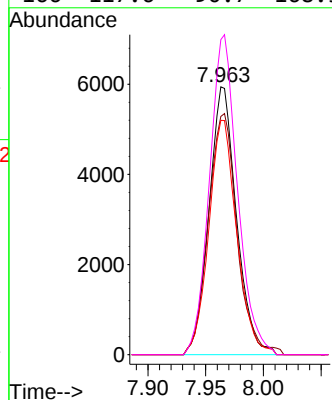
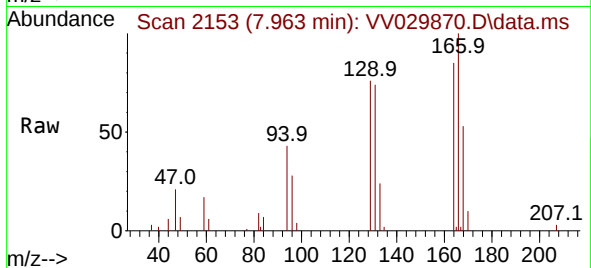
Ion Ratio Lower Upper

164 100

129 89.0 64.5 119.7

131 87.5 62.9 116.7

166 117.6 90.7 168.5



#53

m,p-Xylene

Concen: 0.057 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029870.D

Acq: 16 Jan 2023 12:37

Tgt Ion:106 Resp: 1970

Ion Ratio Lower Upper

106 100

91 164.7 138.7 257.7

