

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023701.D
 Acq On : 24 Nov 2021 15:29
 Operator : SY/MD
 Sample : M4821-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4645

Quant Time: Nov 26 01:54:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

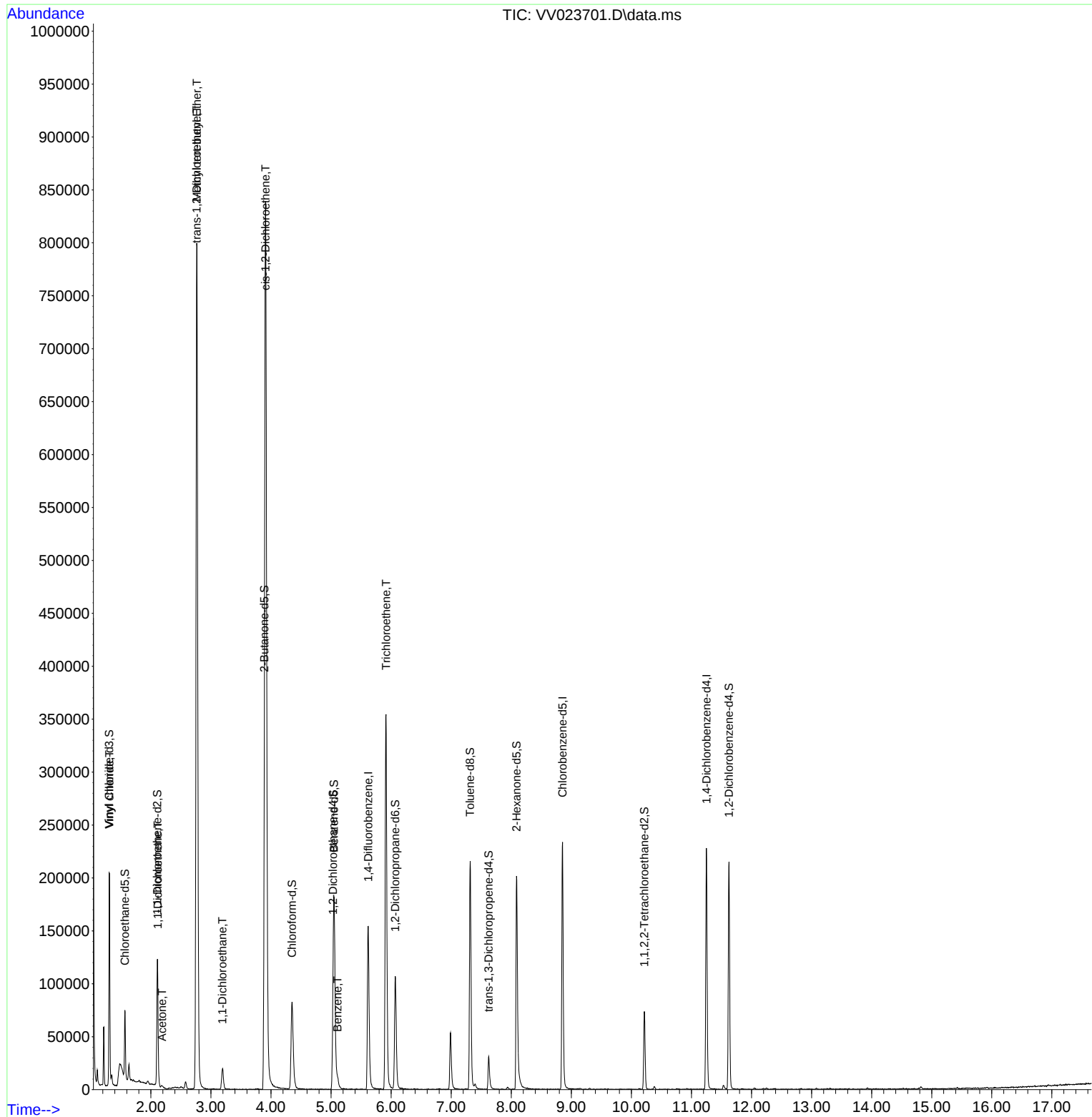
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137068	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45190	4.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	38035	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	62118	3.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.889	46	92669	68.508	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.020%#
24) Chloroform-d	4.349	84	85038	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.034	65	42544	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.050	84	168194	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	49057	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	145029	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	17845	4.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	70647	51.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35138	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	56807	5.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	49531	4.172	ug/L	94
12) 1,1-Dichloroethene	2.114	96	1452	0.158	ug/L #	1
13) Acetone	2.185	43	4441	3.649	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	614037	32.627	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	84550	8.083	ug/L	98
19) 1,1-Dichloroethane	3.191	63	18988	1.080	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	458153	45.672	ug/L	100
33) Benzene	5.108	78	10092	0.266	ug/L	100
34) Trichloroethene	5.915	95	119469	11.776	ug/L	98

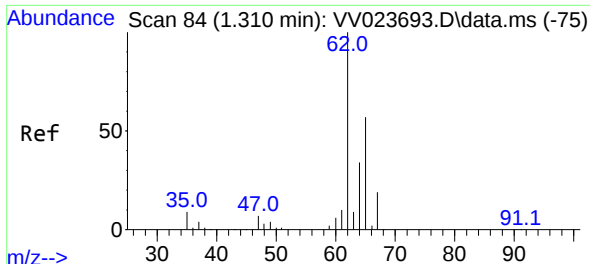
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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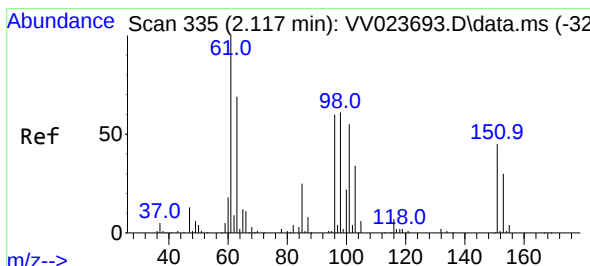
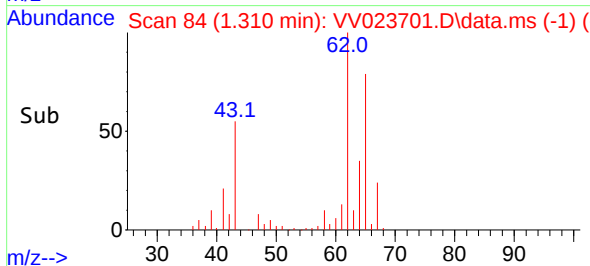
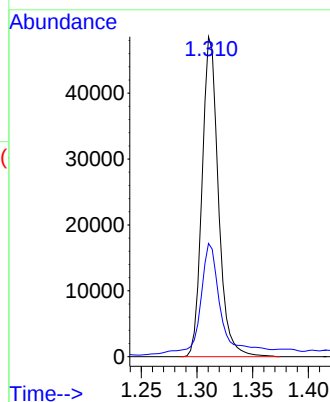
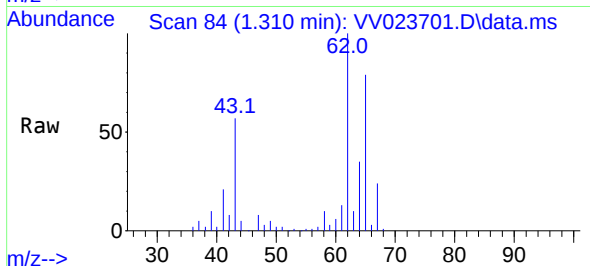




#5
 Vinyl chloride
 Concen: 4.172 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023701.D
 Acq: 24 Nov 2021 15:29

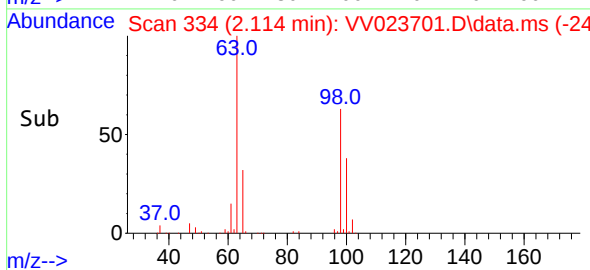
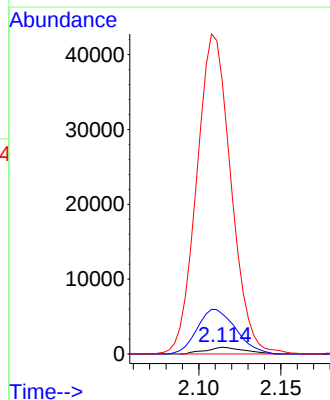
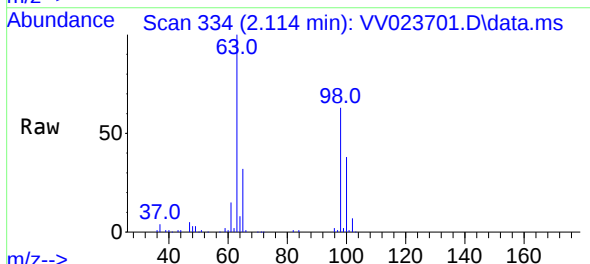
Instrument :
 MSVOA_V
 ClientSampleId :
 H4645

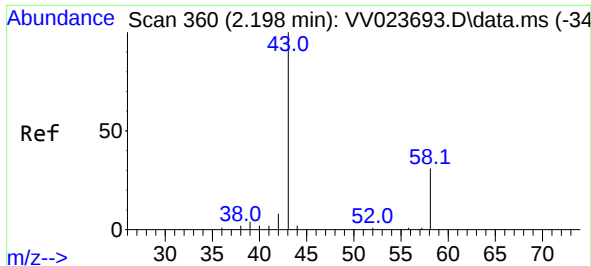
Tgt Ion: 62 Resp: 49531
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.158 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023701.D
 Acq: 24 Nov 2021 15:29

Tgt Ion: 96 Resp: 1452
 Ion Ratio Lower Upper
 96 100
 61 604.0 116.1 215.5#
 63 4112.4 79.4 147.4#





#13

Acetone

Concen: 3.649 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023701.D

Acq: 24 Nov 2021 15:29

Instrument :

MSVOA_V

ClientSampleId :

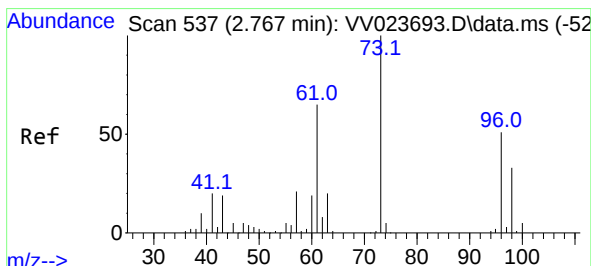
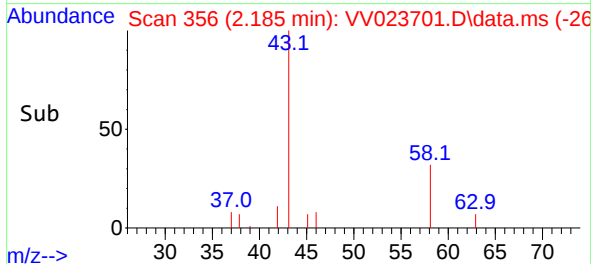
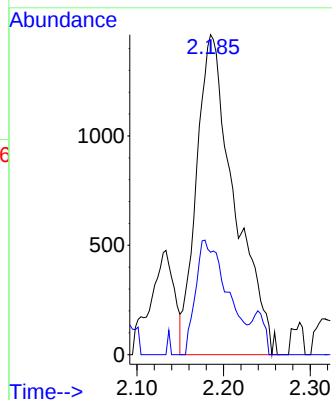
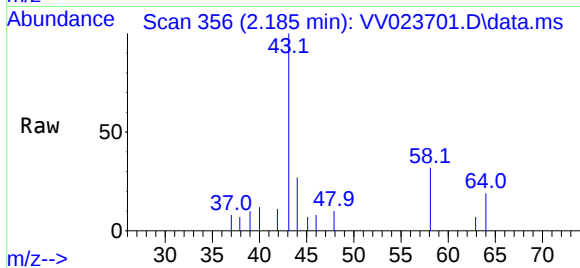
H4645

Tgt Ion: 43 Resp: 4441

Ion Ratio Lower Upper

43 100

58 29.9 0.0 41.4



#17

Methyl tert-butyl Ether

Concen: 32.627 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.000 min

Lab File: VV023701.D

Acq: 24 Nov 2021 15:29

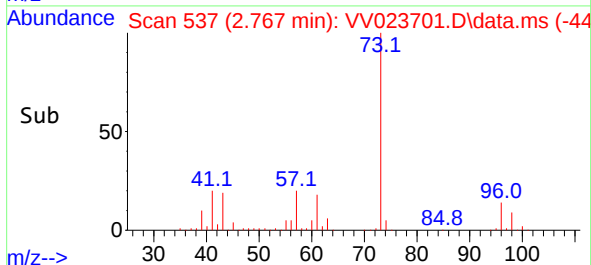
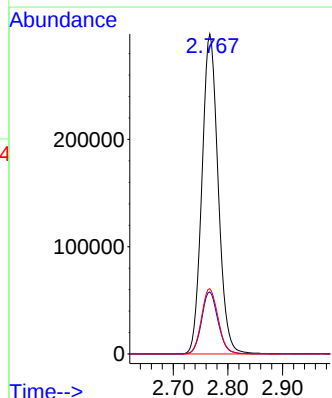
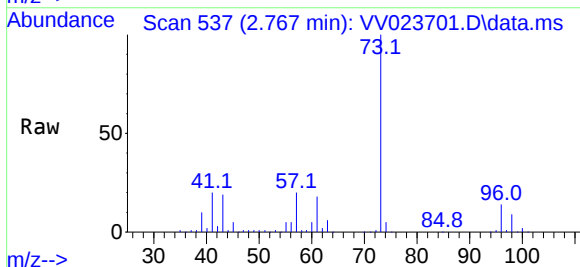
Tgt Ion: 73 Resp: 614037

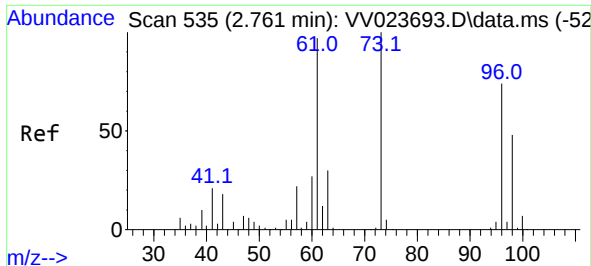
Ion Ratio Lower Upper

73 100

43 19.5 15.5 23.3

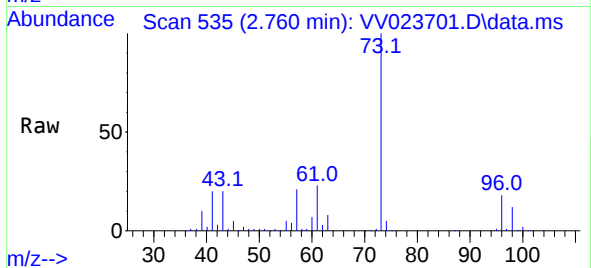
57 21.0 17.1 25.7





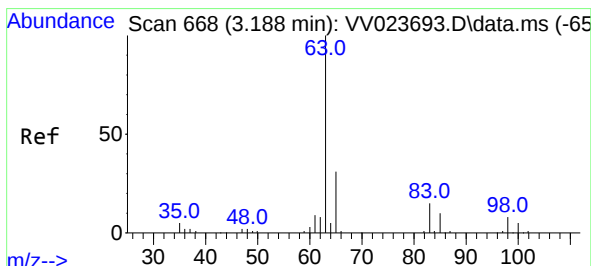
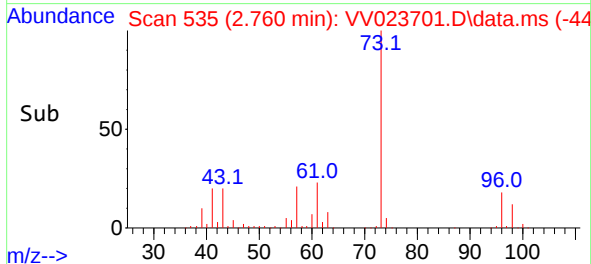
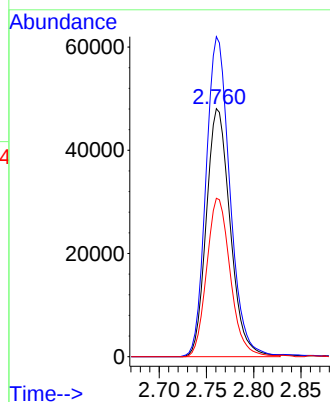
#18
trans-1,2-Dichloroethene
Concen: 8.083 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023701.D
Acq: 24 Nov 2021 15:29

Instrument :
MSVOA_V
ClientSampleId :
H4645



Tgt Ion: 96 Resp: 84550

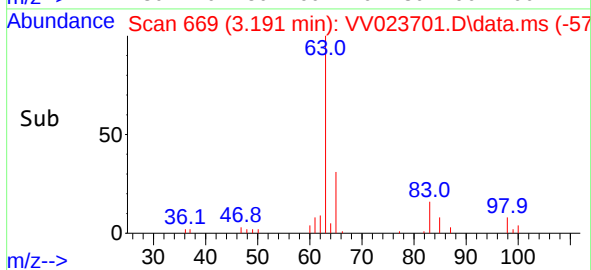
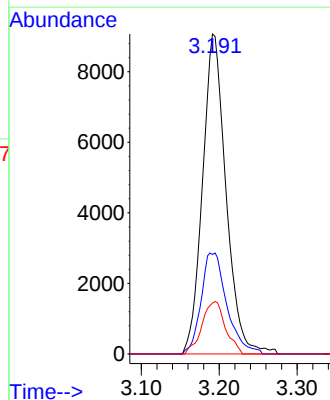
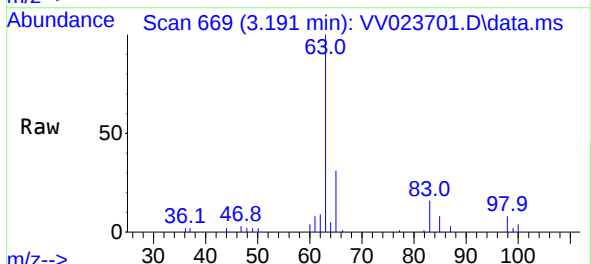
Ion	Ratio	Lower	Upper
96	100		
61	129.1	88.2	163.8
98	63.9	44.9	83.5

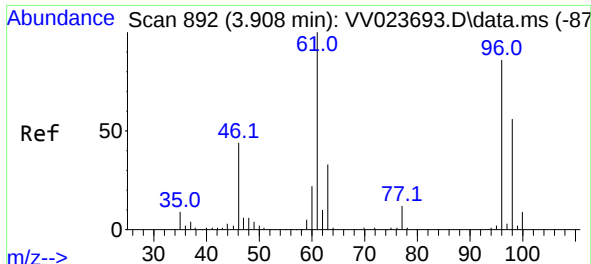


#19
1,1-Dichloroethane
Concen: 1.080 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023701.D
Acq: 24 Nov 2021 15:29

Tgt Ion: 63 Resp: 18988

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.3	41.3
83	15.9	10.7	19.9





#22

cis-1,2-Dichloroethene

Concen: 45.672 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV023701.D

Acq: 24 Nov 2021 15:29

Instrument :

MSVOA_V

ClientSampleId :

H4645

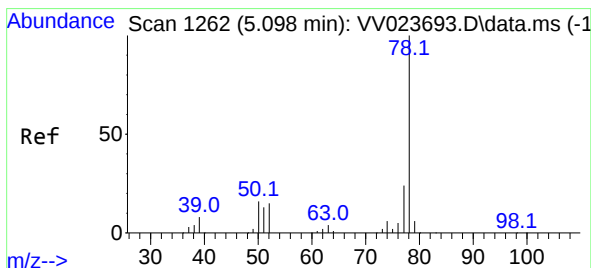
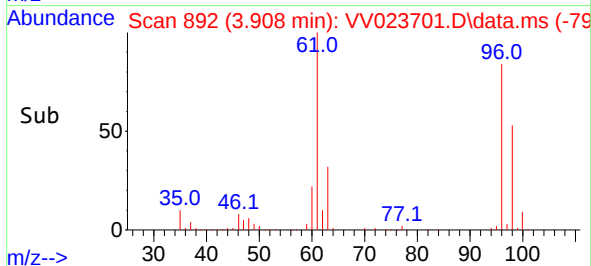
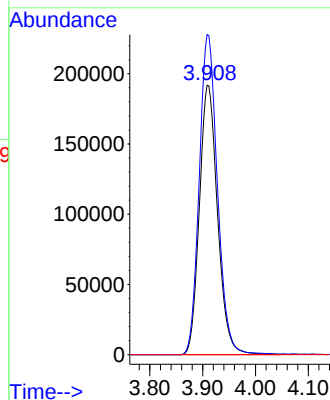
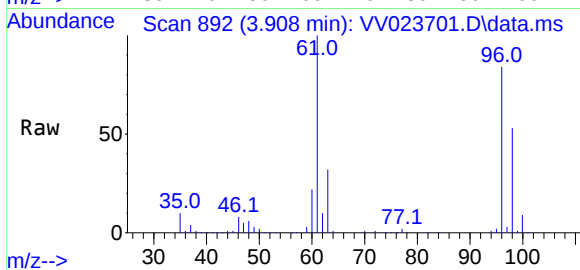
Tgt Ion: 96 Resp: 458153

Ion Ratio Lower Upper

96 100

61 118.7 83.4 154.8

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.266 ug/L

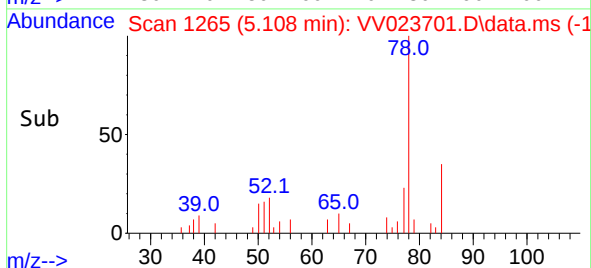
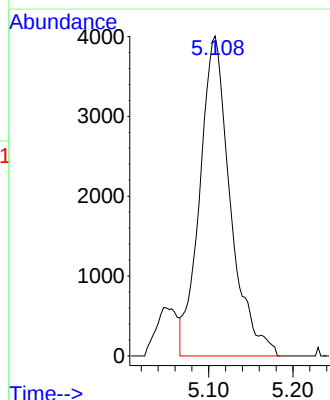
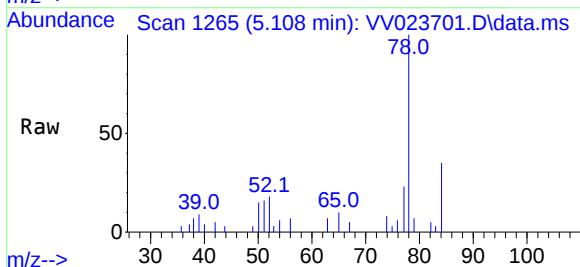
RT: 5.108 min Scan# 1265

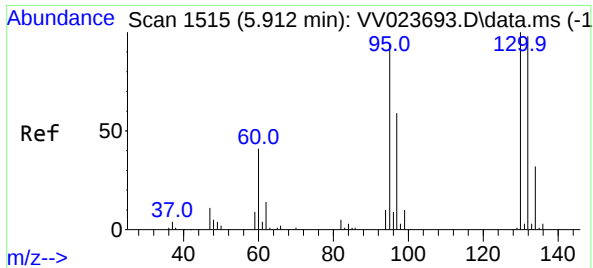
Delta R.T. 0.010 min

Lab File: VV023701.D

Acq: 24 Nov 2021 15:29

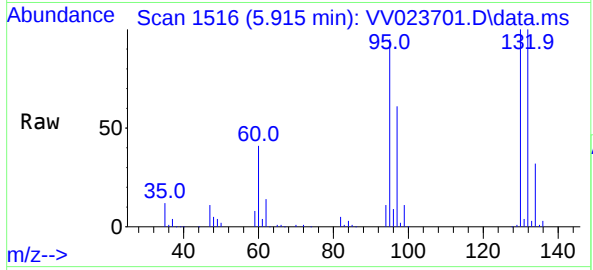
Tgt Ion: 78 Resp: 10092





#34
Trichloroethene
Concen: 11.776 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023701.D
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Tgt Ion: 95 Resp: 119469

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.2	84.0
132	105.0	76.1	141.3
130	105.1	75.4	140.0

