

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023709.D
 Acq On : 24 Nov 2021 18:39
 Operator : SY/MD
 Sample : M4821-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4665

Quant Time: Nov 26 01:56:19 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

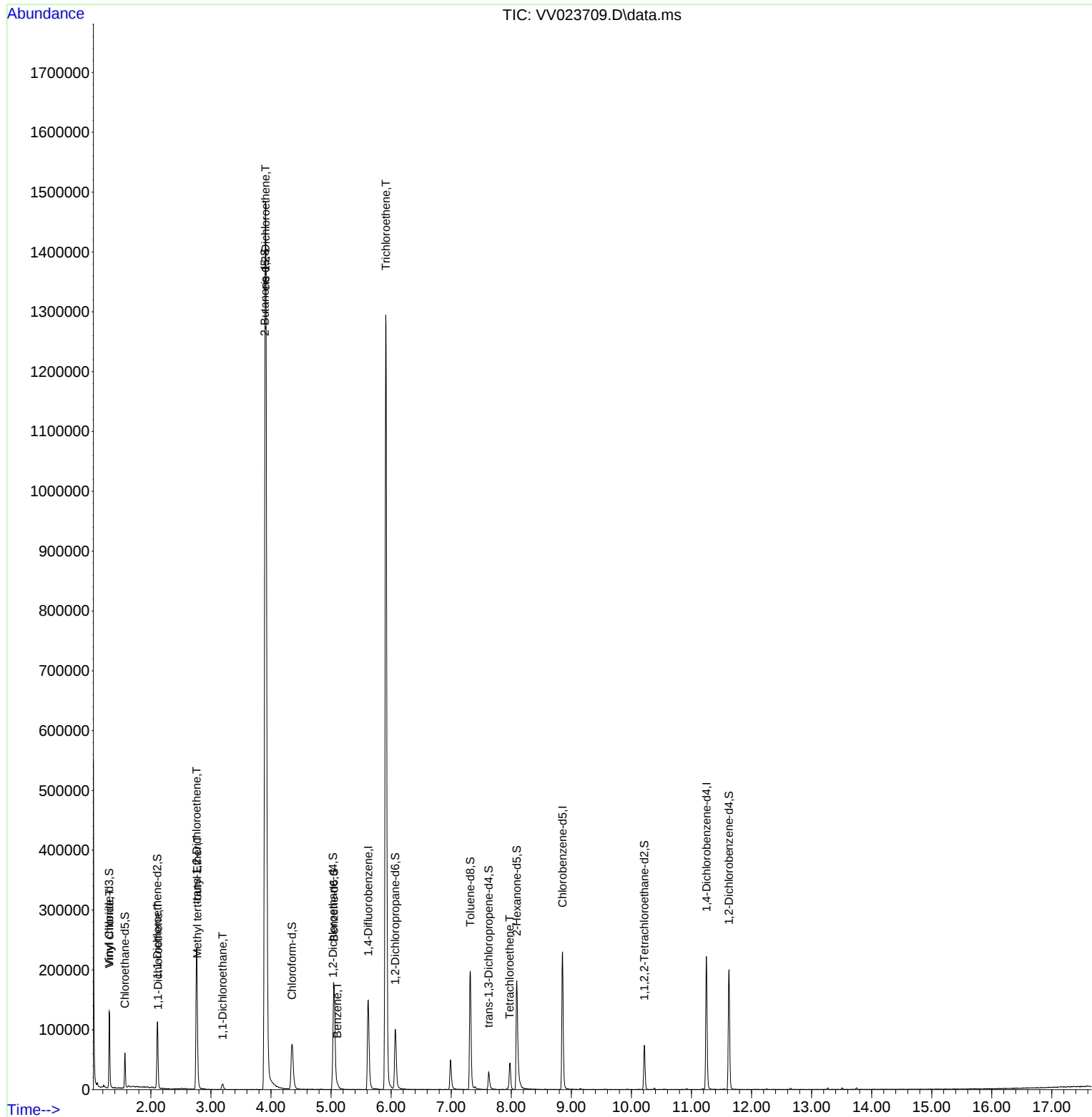
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39929	3.647	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.568	69	33630	3.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.108	63	56447	2.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.600%#	
20) 2-Butanone-d5	3.899	46	71438	54.274	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.540%	
24) Chloroform-d	4.349	84	79454	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.034	65	41722	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.050	84	156389	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.069	67	47159	4.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.316	98	134797	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17478	4.379	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.091	63	69384	52.327	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33121	4.649	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53691	4.895	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
5) Vinyl chloride	1.310	62	43434	3.760	ug/L	98
12) 1,1-Dichloroethene	2.121	96	1833	0.205	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	12400	0.677	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	87278	8.575	ug/L	97
19) 1,1-Dichloroethane	3.194	63	9077	0.530	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	847834	86.858	ug/L	99
33) Benzene	5.101	78	5807	0.157	ug/L	100
34) Trichloroethene	5.911	95	421410	42.562	ug/L	97
47) Tetrachloroethene	7.976	164	10662	1.183	ug/L	96

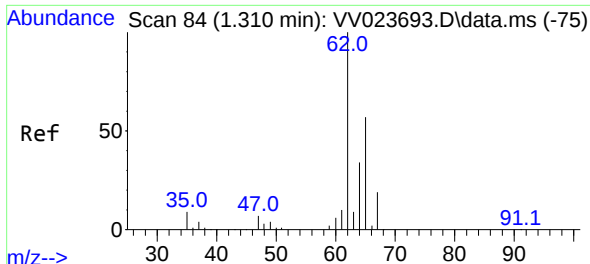
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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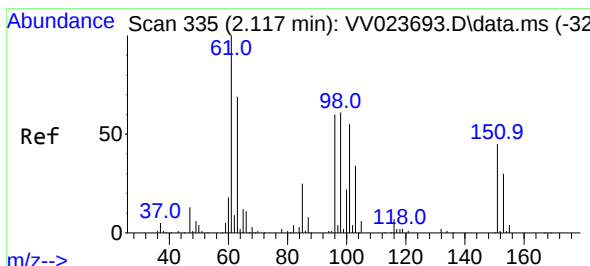
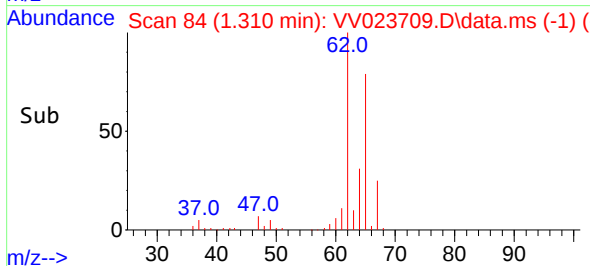
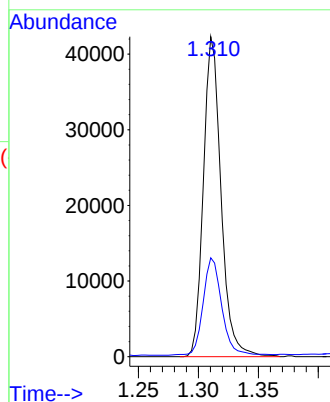
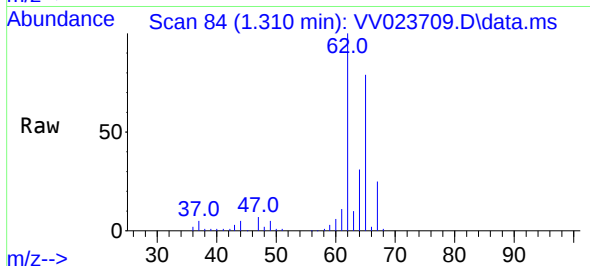




#5
 Vinyl chloride
 Concen: 3.760 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023709.D
 Acq: 24 Nov 2021 18:39

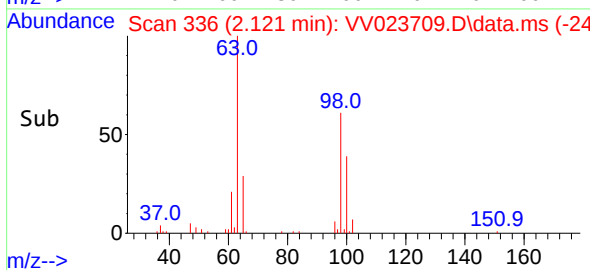
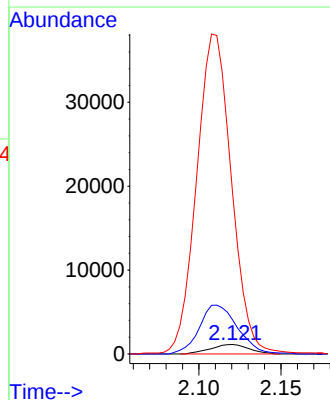
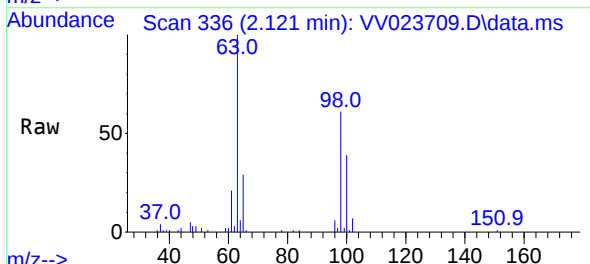
Instrument :
 MSVOA_V
 ClientSampleId :
 H4665

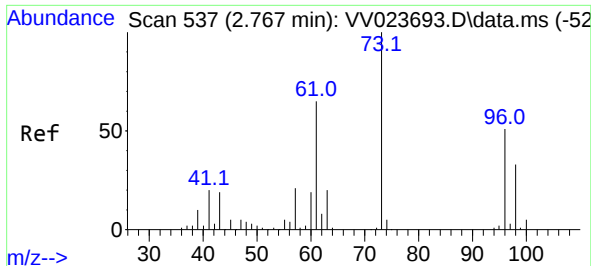
Tgt Ion: 62 Resp: 43434
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.205 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023709.D
 Acq: 24 Nov 2021 18:39

Tgt Ion: 96 Resp: 1833
 Ion Ratio Lower Upper
 96 100
 61 361.7 116.1 215.5#
 63 1702.9 79.4 147.4#

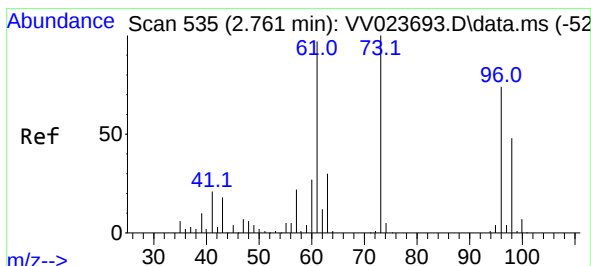
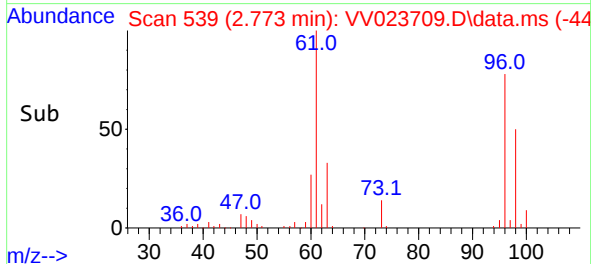
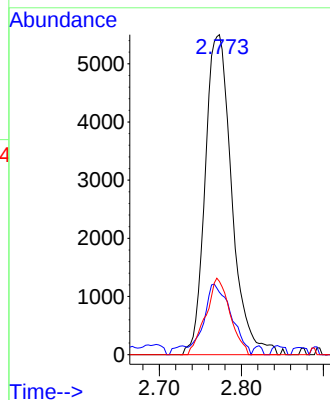
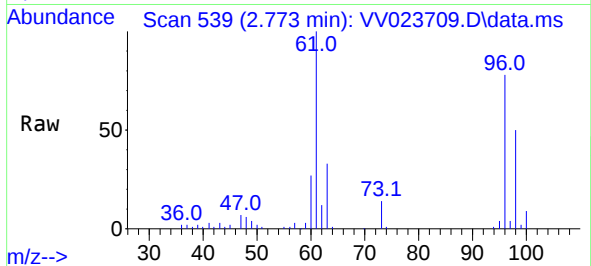




#17
Methyl tert-butyl Ether
Concen: 0.677 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39

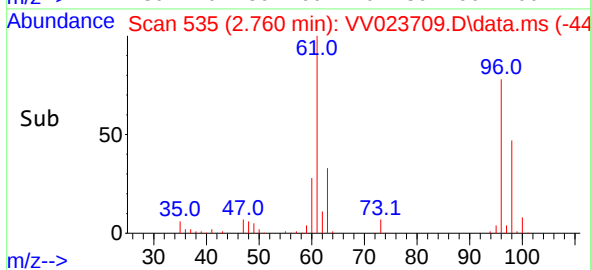
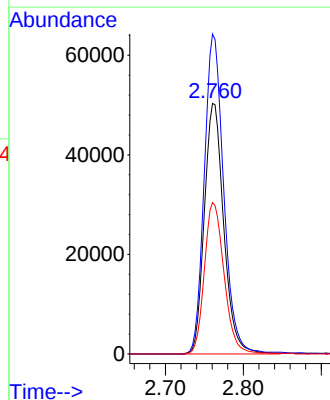
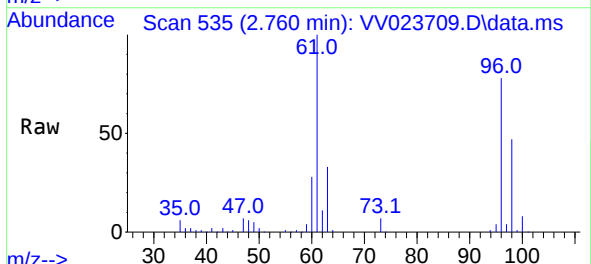
Instrument :
MSVOA_V
ClientSampleId :
H4665

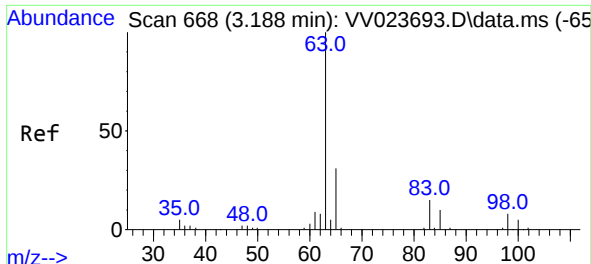
Tgt Ion: 73 Resp: 12400
Ion Ratio Lower Upper
73 100
43 22.4 15.5 23.3
57 21.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 8.575 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39

Tgt Ion: 96 Resp: 87278
Ion Ratio Lower Upper
96 100
61 127.7 88.2 163.8
98 60.4 44.9 83.5



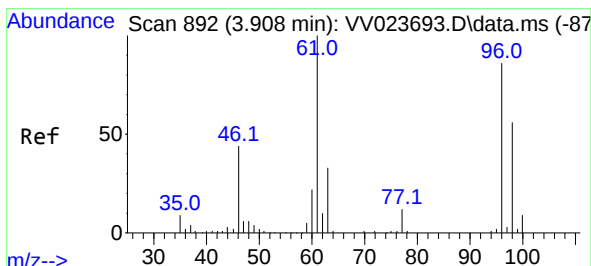
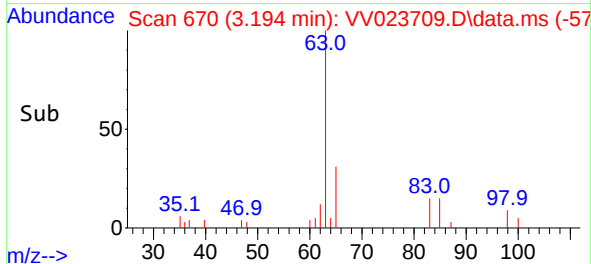
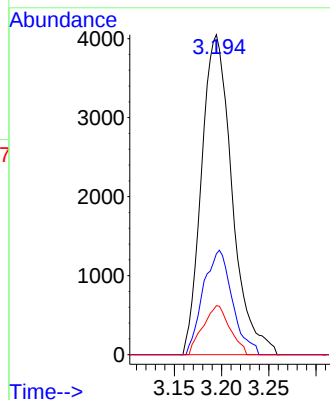
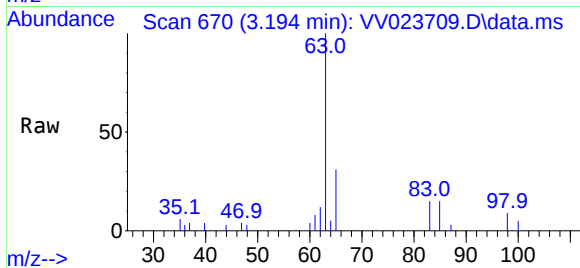


#19
1,1-Dichloroethane
Concen: 0.530 ug/L
RT: 3.194 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39

Instrument :
MSVOA_V
ClientSampleId :
H4665

Tgt Ion: 63 Resp: 9077

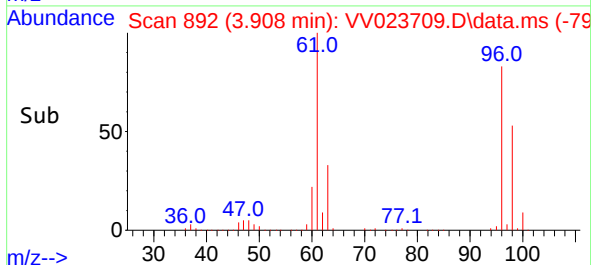
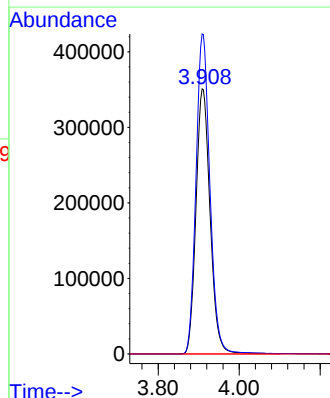
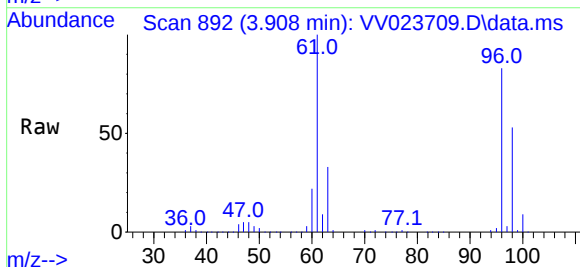
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.3	41.3
83	15.3	10.7	19.9

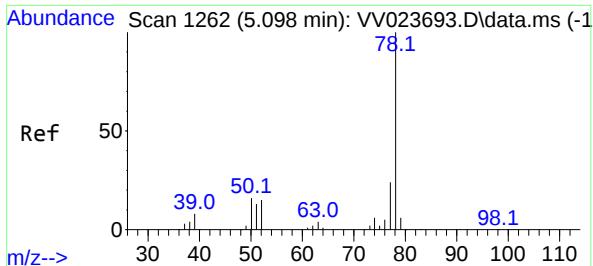


#22
cis-1,2-Dichloroethene
Concen: 86.858 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39

Tgt Ion: 96 Resp: 847834

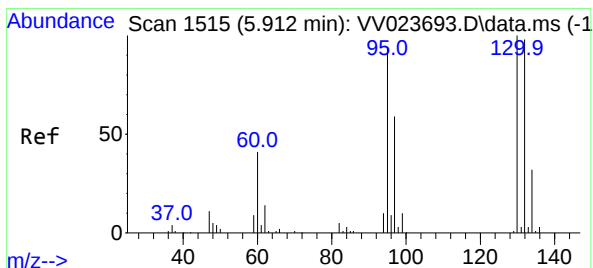
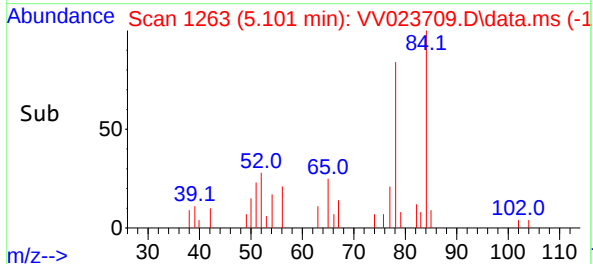
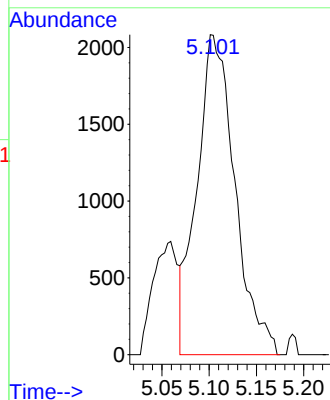
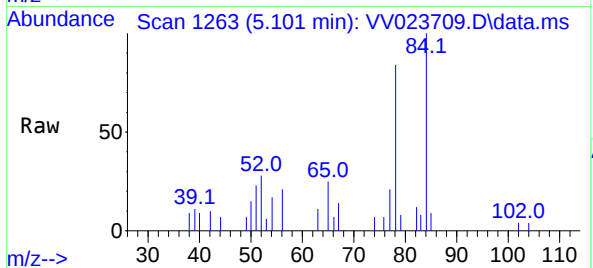
Ion	Ratio	Lower	Upper
96	100		
61	120.7	83.4	154.8
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.157 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39
Tgt Ion: 78 Resp: 5807

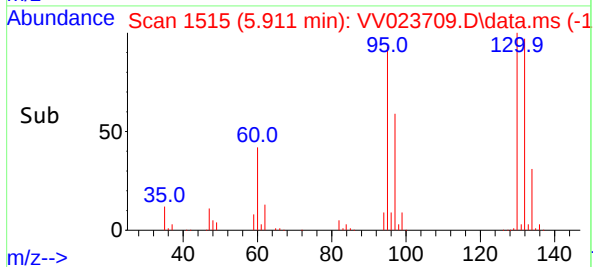
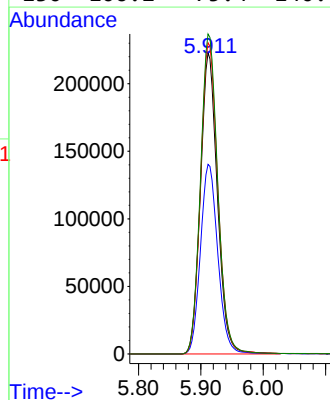
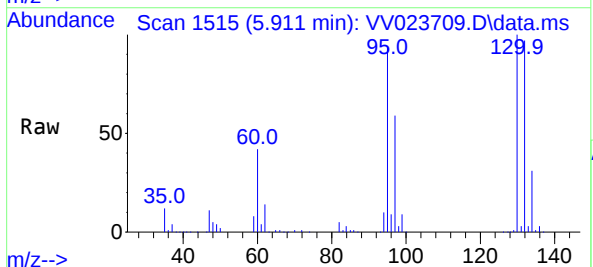
Instrument :
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ClientSampleId :
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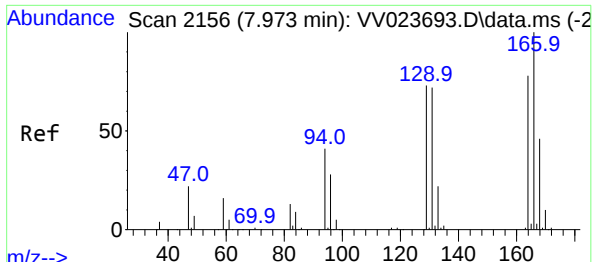


#34
Trichloroethene
Concen: 42.562 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023709.D
Acq: 24 Nov 2021 18:39

Tgt Ion: 95 Resp: 421410

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.2	84.0
132	103.3	76.1	141.3
130	106.2	75.4	140.0





#47
 Tetrachloroethene
 Concen: 1.183 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023709.D
 Acq: 24 Nov 2021 18:39

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Tgt Ion:164 Resp: 10662

Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.6	116.2
131	93.3	61.0	113.4
166	129.7	87.3	162.1

