

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023713.D
 Acq On : 24 Nov 2021 20:14
 Operator : SY/MD
 Sample : M4821-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4661

Quant Time: Nov 26 01:57:25 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)

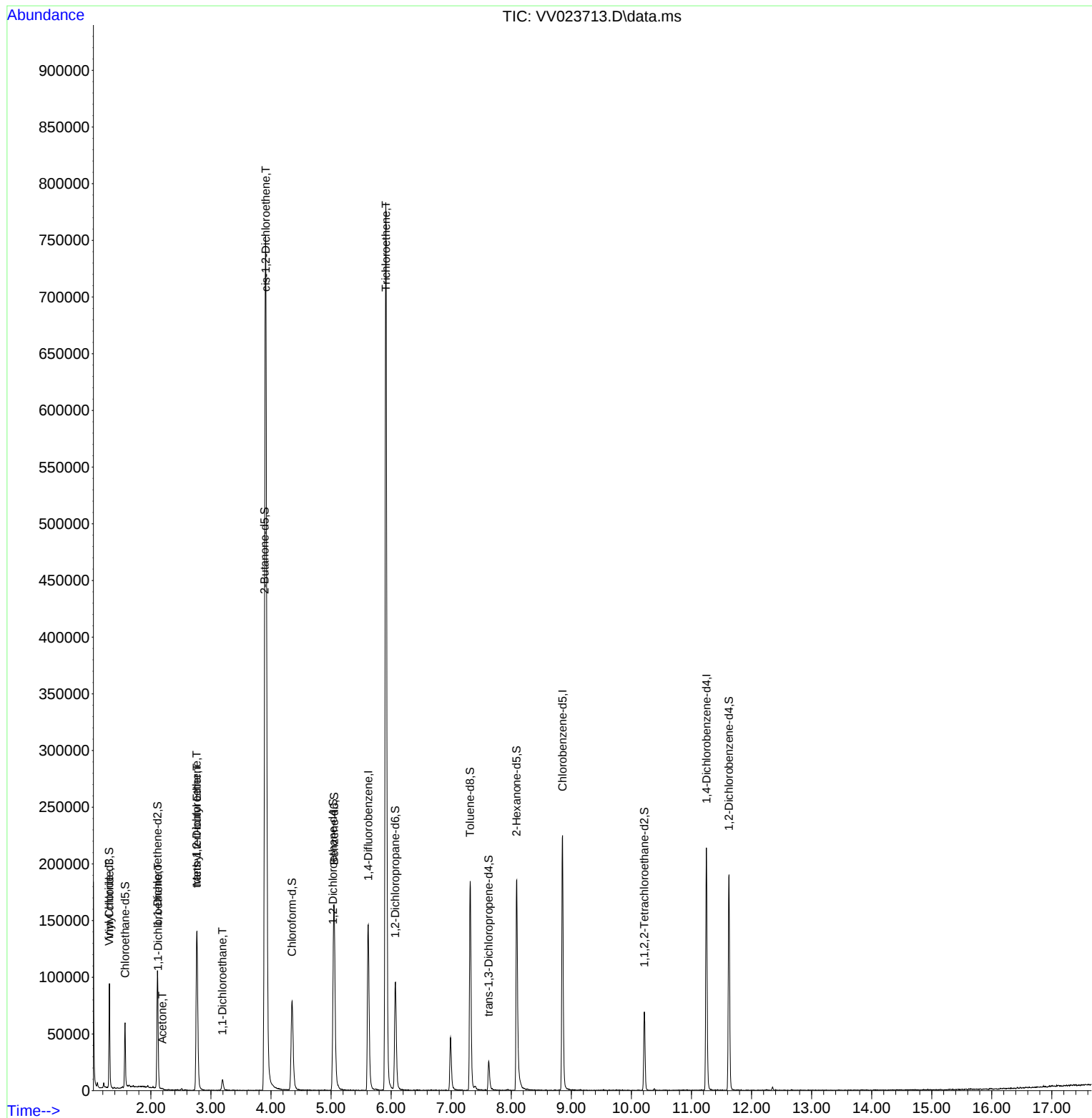
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132114	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37941	3.498	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.571	69	33524	3.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.111	63	53605	2.805	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.000%#	
20) 2-Butanone-d5	3.892	46	86631	66.445	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.900%#	
24) Chloroform-d	4.352	84	78394	4.151	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.034	65	39423	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.053	84	149745	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.069	67	45018	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.317	98	123500	3.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15234	3.845	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.088	63	63739	48.419	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31167	4.406	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51077	4.875	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	19564	1.710	ug/L	90
12) 1,1-Dichloroethene	2.121	96	2548	0.288	ug/L #	1
13) Acetone	2.192	43	1413	1.204	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	82475	4.547	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	24350	2.415	ug/L	96
19) 1,1-Dichloroethane	3.191	63	8533	0.503	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	420538	43.494	ug/L	99
34) Trichloroethene	5.912	95	260616	26.513	ug/L	98

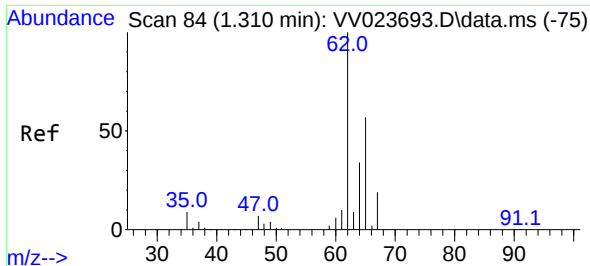
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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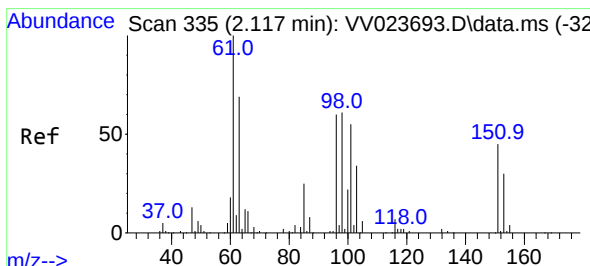
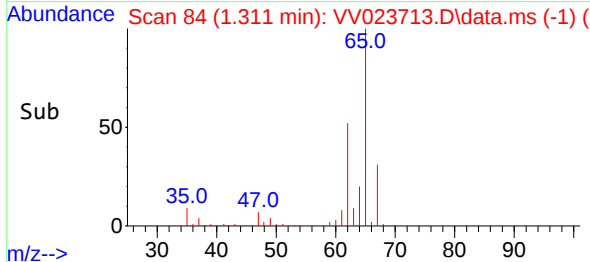
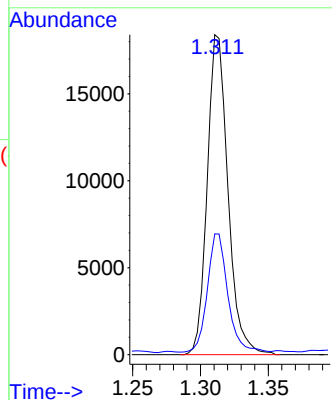
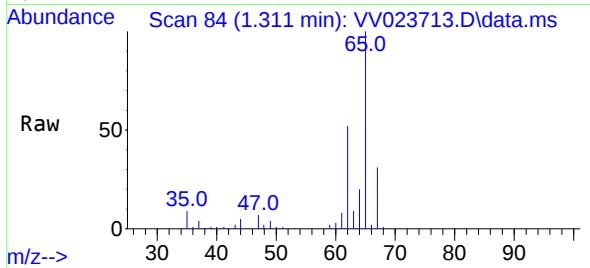




#5
 Vinyl chloride
 Concen: 1.710 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023713.D
 Acq: 24 Nov 2021 20:14

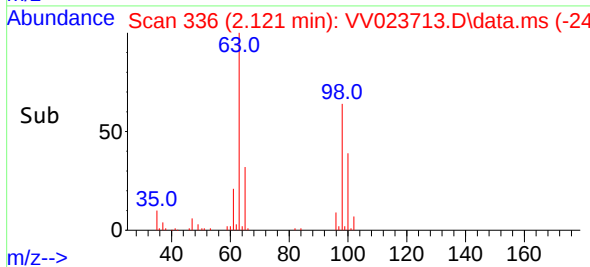
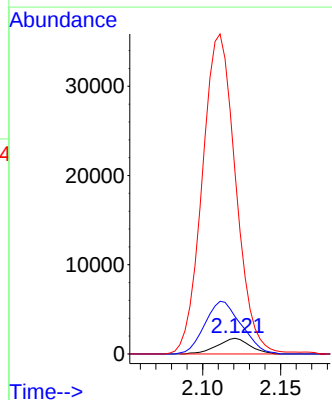
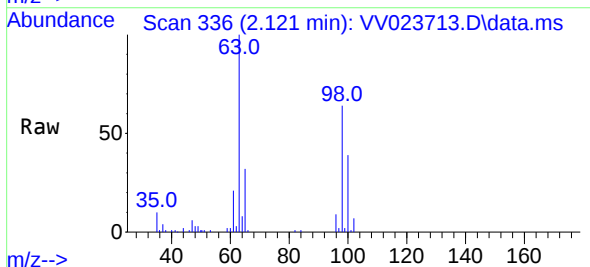
Instrument :
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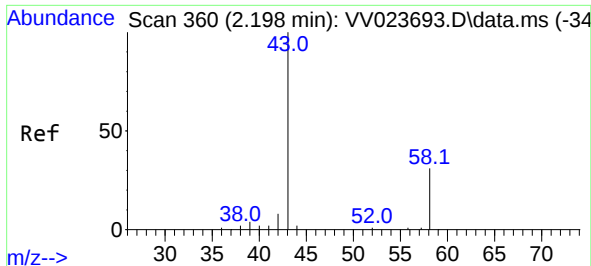
Tgt Ion: 62 Resp: 19564
 Ion Ratio Lower Upper
 62 100
 64 37.7 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.288 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023713.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 96 Resp: 2548
 Ion Ratio Lower Upper
 96 100
 61 236.5 116.1 215.5#
 63 1147.5 79.4 147.4#

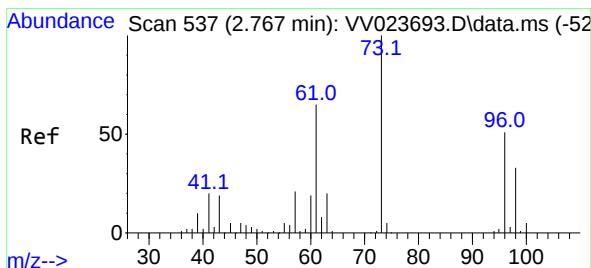
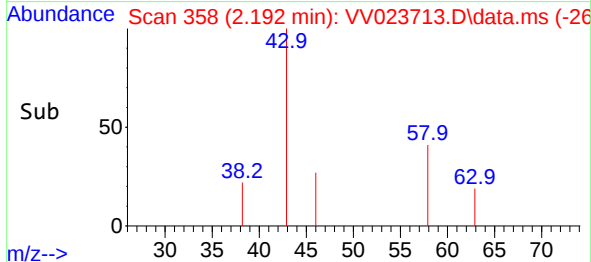
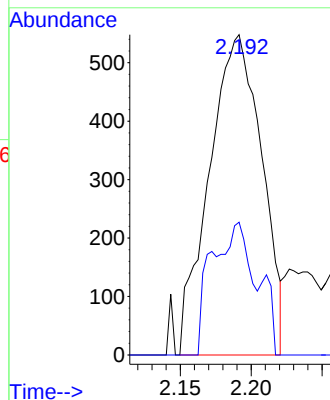
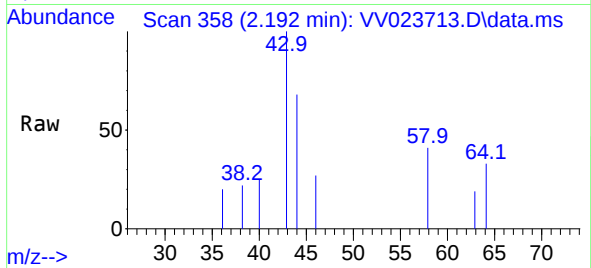




#13
Acetone
Concen: 1.204 ug/L
RT: 2.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023713.D
Acq: 24 Nov 2021 20:14

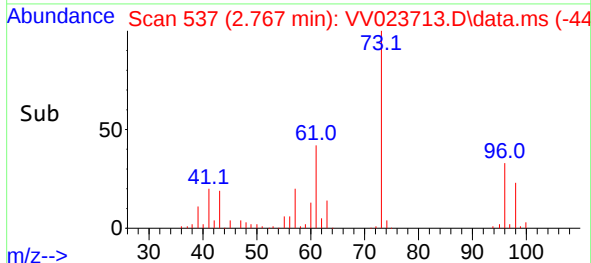
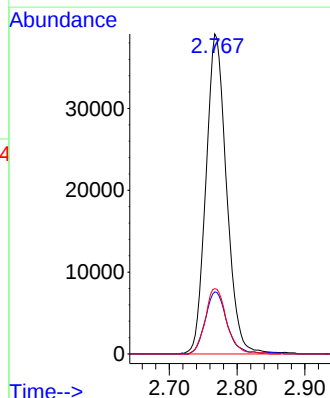
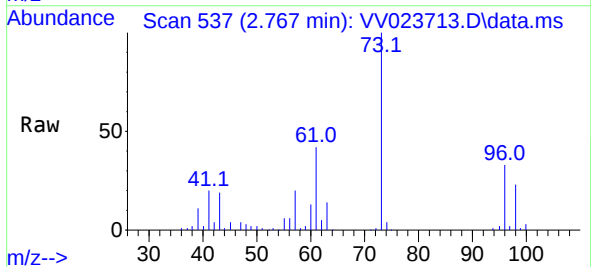
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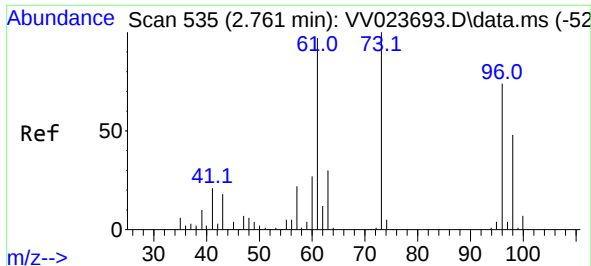
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 16.6 0.0 41.4



#17
Methyl tert-butyl Ether
Concen: 4.547 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023713.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 73 Resp: 82475
Ion Ratio Lower Upper
73 100
43 20.4 15.5 23.3
57 21.2 17.1 25.7

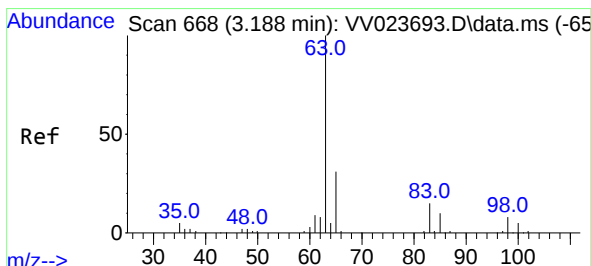
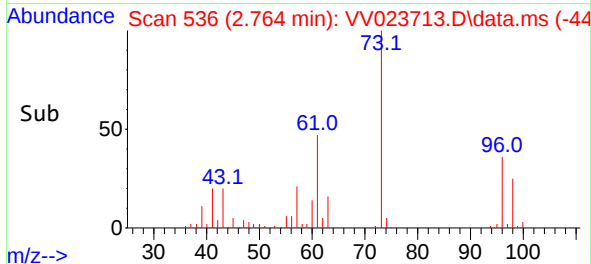
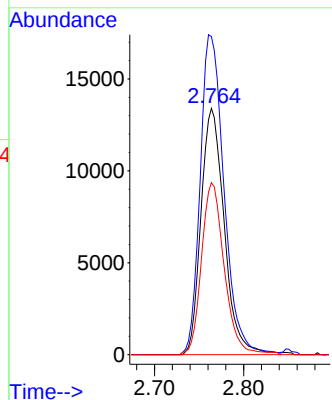
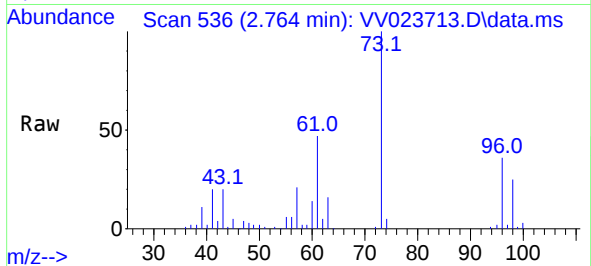




#18
trans-1,2-Dichloroethene
Concen: 2.415 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023713.D
Acq: 24 Nov 2021 20:14

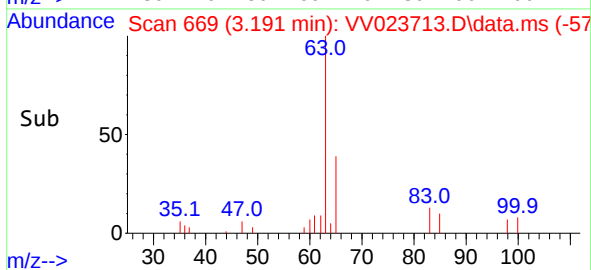
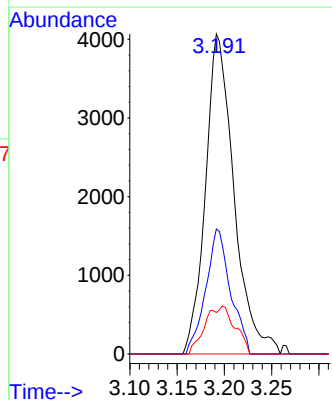
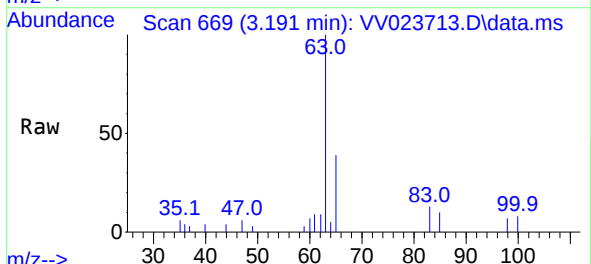
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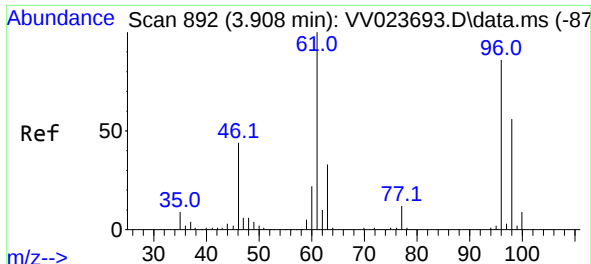
Tgt Ion: 96 Resp: 24350
Ion Ratio Lower Upper
96 100
61 129.1 88.2 163.8
98 69.8 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.503 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023713.D
Acq: 24 Nov 2021 20:14

Tgt Ion: 63 Resp: 8533
Ion Ratio Lower Upper
63 100
65 39.0 22.3 41.3
83 12.9 10.7 19.9

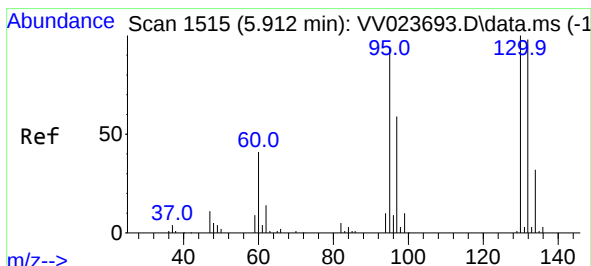
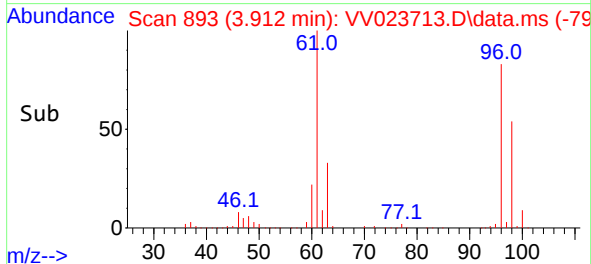
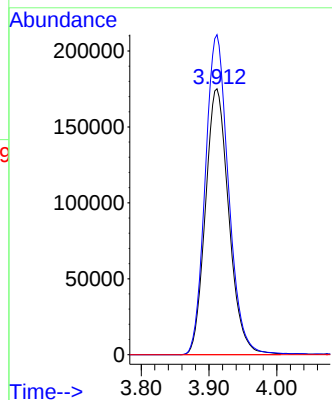
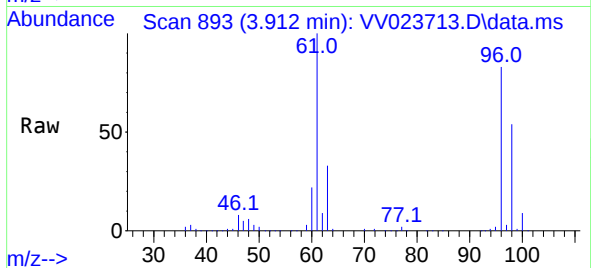




#22
 cis-1,2-Dichloroethene
 Concen: 43.494 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023713.D
 Acq: 24 Nov 2021 20:14

Instrument :
 MSVOA_V
 ClientSampleId :
 H4661

Tgt Ion: 96 Resp: 420538
 Ion Ratio Lower Upper
 96 100
 61 120.3 83.4 154.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 26.513 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: VV023713.D
 Acq: 24 Nov 2021 20:14

Tgt Ion: 95 Resp: 260616
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.2 84.0
 132 104.1 76.1 141.3
 130 108.4 75.4 140.0

