

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023700.D
 Acq On : 24 Nov 2021 15:05
 Operator : SY/MD
 Sample : M4821-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4644

Quant Time: Nov 26 01:53:48 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)

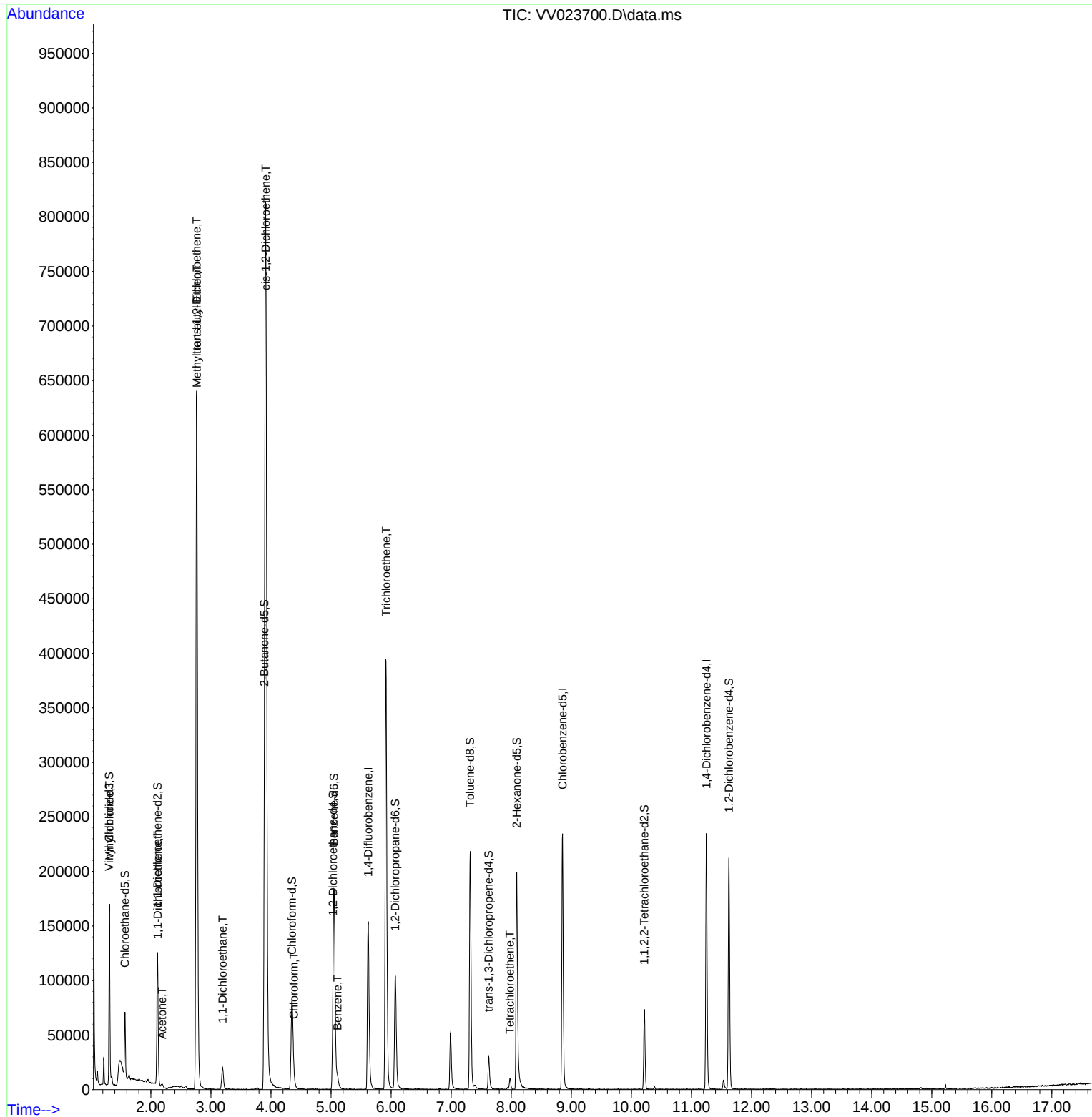
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137576	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45546	4.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	37072	4.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.111	63	61821	3.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.889	46	87535	64.473	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.940%
24) Chloroform-d	4.349	84	83279	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.034	65	42792	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.050	84	166397	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	48889	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	146868	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	17832	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.091	63	68472	50.569	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32627	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	57189	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	52379	4.395	ug/L	93
12) 1,1-Dichloroethene	2.117	96	1588	0.172	ug/L #	1
13) Acetone	2.185	43	5681	4.650	ug/L	66
17) Methyl tert-butyl Ether	2.767	73	187136	9.907	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	182491	17.382	ug/L	97
19) 1,1-Dichloroethane	3.195	63	19871	1.126	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	452763	44.968	ug/L	97
25) Chloroform	4.381	83	6603	0.336	ug/L	94
33) Benzene	5.108	78	9879	0.262	ug/L	100
34) Trichloroethene	5.915	95	134205	13.274	ug/L	98
47) Tetrachloroethene	7.979	164	2310	0.251	ug/L	93

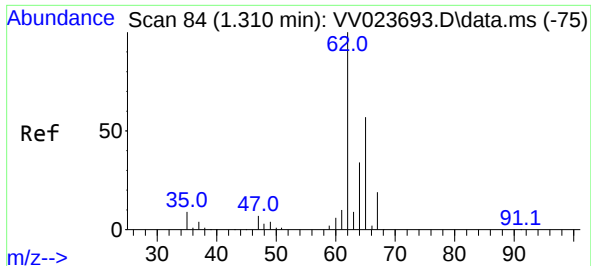
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023700.D
Acq On : 24 Nov 2021 15:05
Operator : SY/MD
Sample : M4821-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4644

Quant Time: Nov 26 01:53:48 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

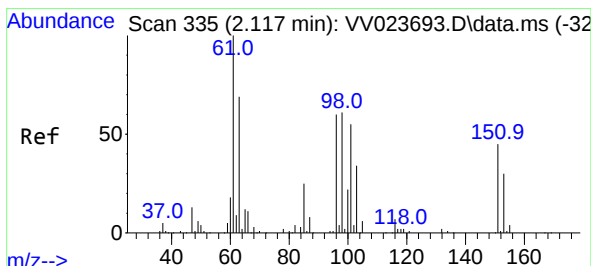
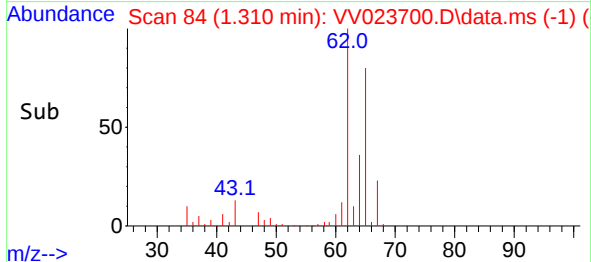
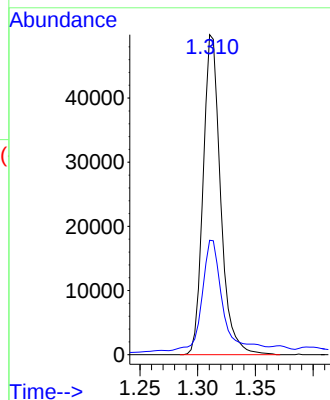
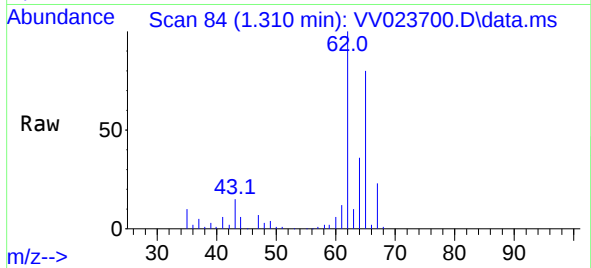




#5
 Vinyl chloride
 Concen: 4.395 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023700.D
 Acq: 24 Nov 2021 15:05

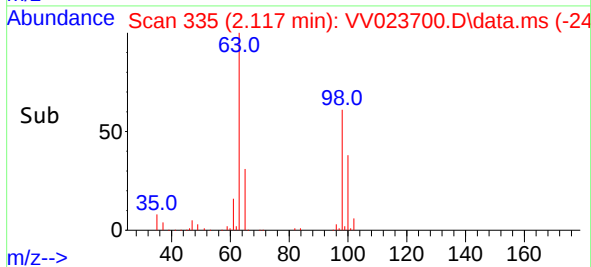
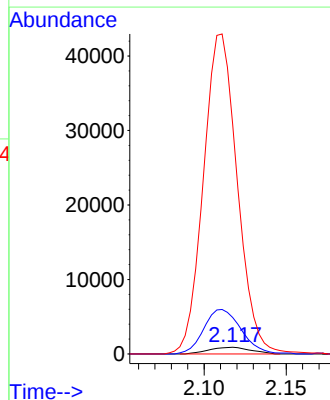
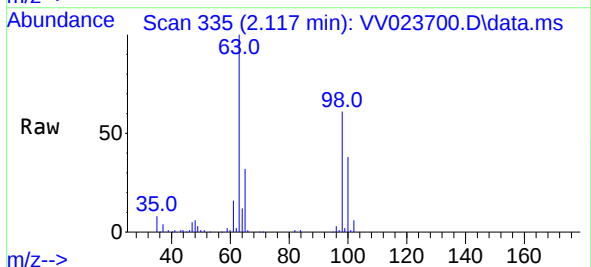
Instrument :
 MSVOA_V
 ClientSampleId :
 H4644

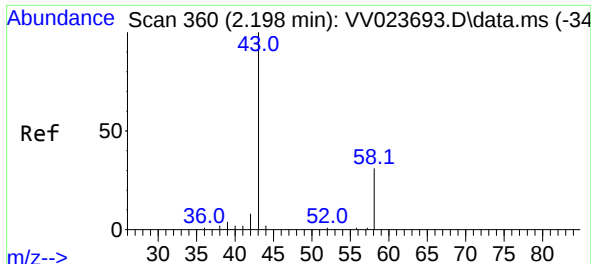
Tgt Ion: 62 Resp: 52379
 Ion Ratio Lower Upper
 62 100
 64 35.7 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.172 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023700.D
 Acq: 24 Nov 2021 15:05

Tgt Ion: 96 Resp: 1588
 Ion Ratio Lower Upper
 96 100
 61 543.9 116.1 215.5#
 63 3417.3 79.4 147.4#

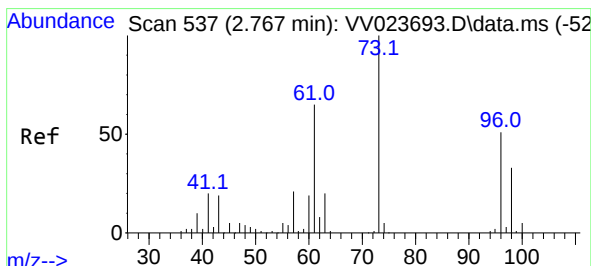
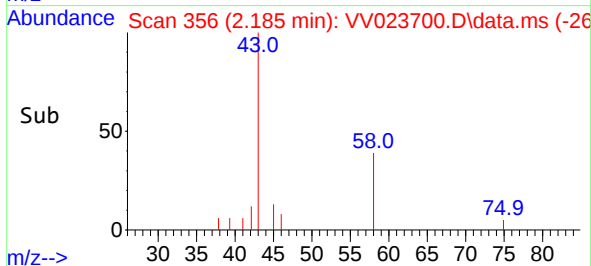
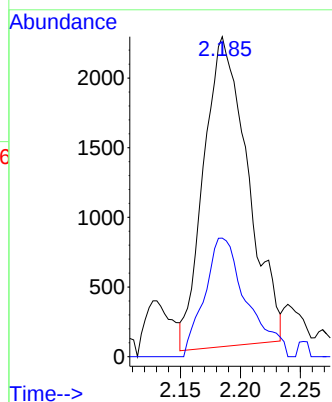
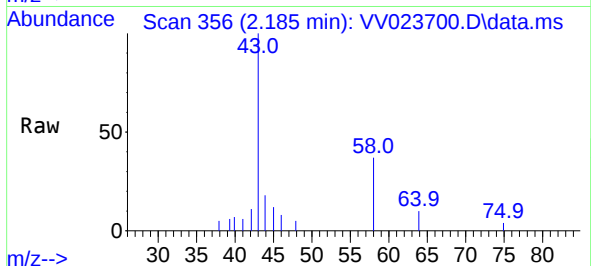




#13
Acetone
Concen: 4.650 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

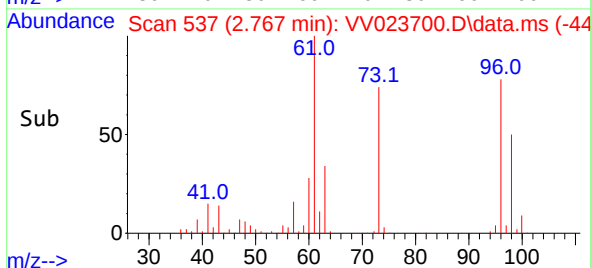
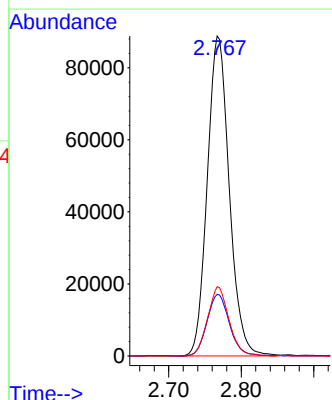
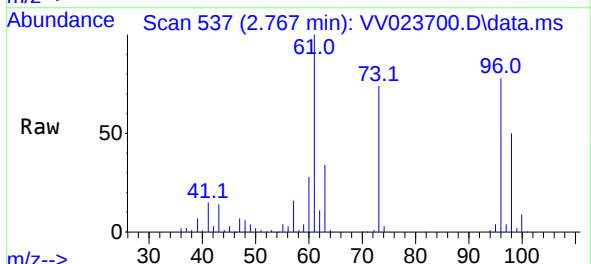
Instrument :
MSVOA_V
ClientSampleId :
H4644

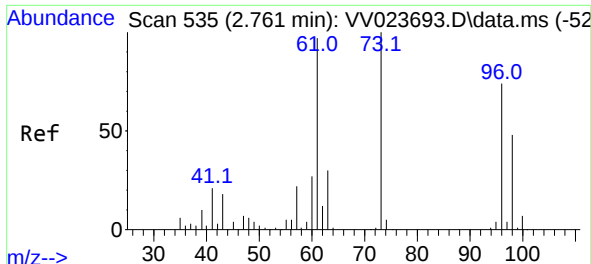
Tgt Ion: 43 Resp: 5681
Ion Ratio Lower Upper
43 100
58 36.7 0.0 41.4



#17
Methyl tert-butyl Ether
Concen: 9.907 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

Tgt Ion: 73 Resp: 187136
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 21.0 17.1 25.7

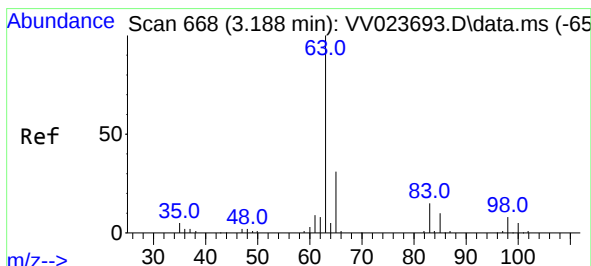
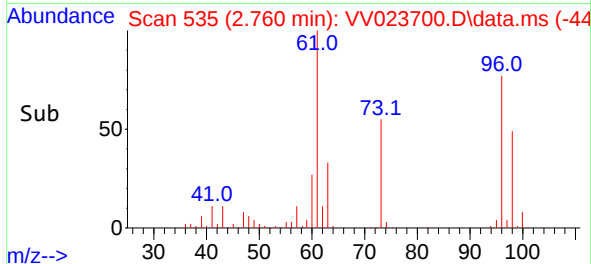
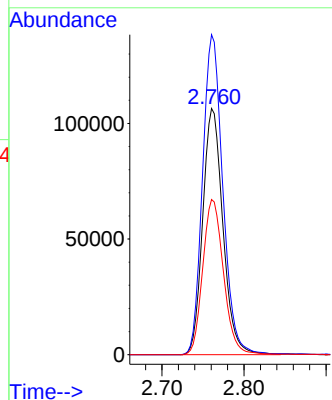
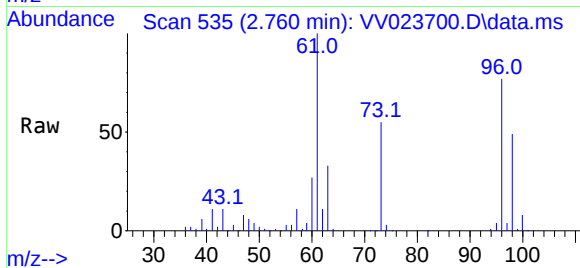




#18
trans-1,2-Dichloroethene
Concen: 17.382 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

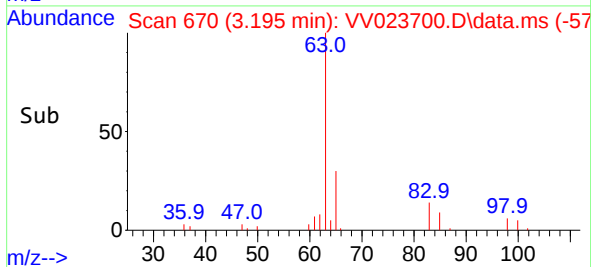
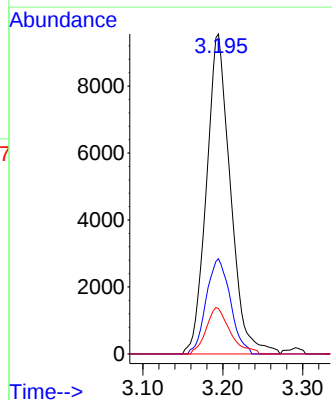
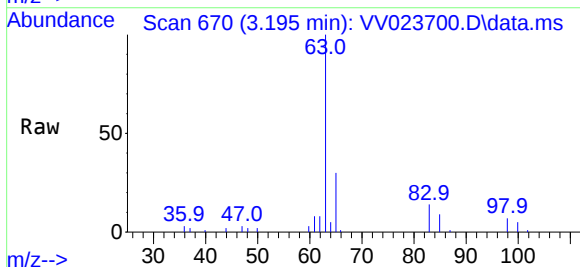
Instrument :
MSVOA_V
ClientSampleId :
H4644

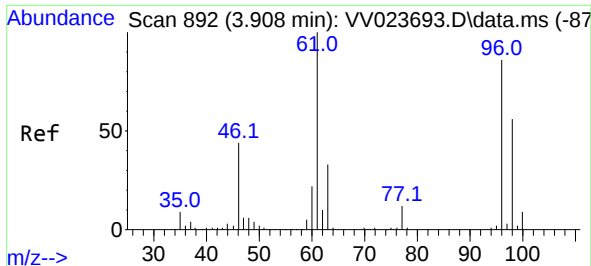
Tgt Ion: 96 Resp: 182491
Ion Ratio Lower Upper
96 100
61 130.0 88.2 163.8
98 63.1 44.9 83.5



#19
1,1-Dichloroethane
Concen: 1.126 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

Tgt Ion: 63 Resp: 19871
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.3
83 14.2 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 44.968 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV023700.D

Acq: 24 Nov 2021 15:05

Instrument :

MSVOA_V

ClientSampleId :

H4644

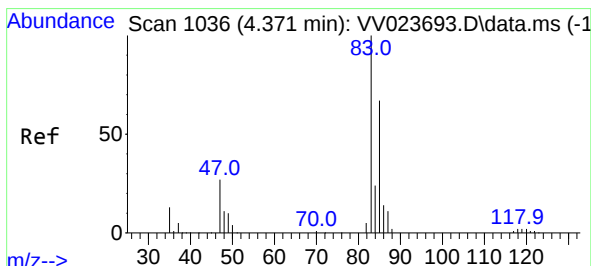
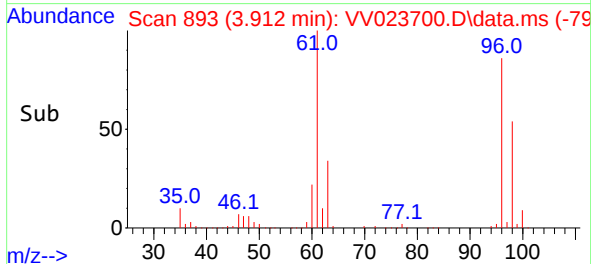
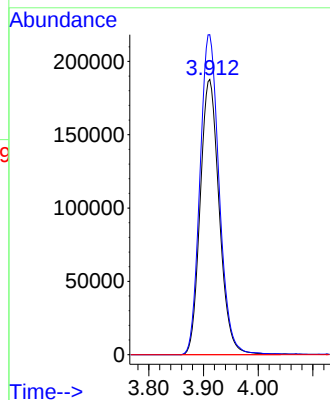
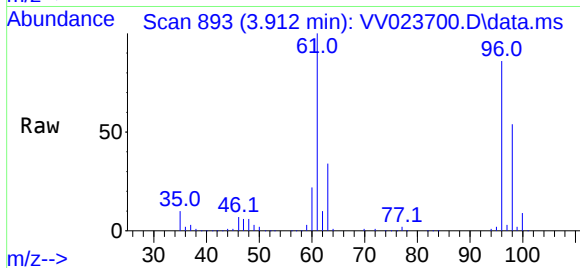
Tgt Ion: 96 Resp: 452763

Ion Ratio Lower Upper

96 100

61 116.3 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.336 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV023700.D

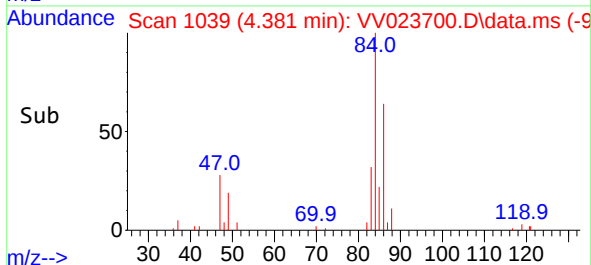
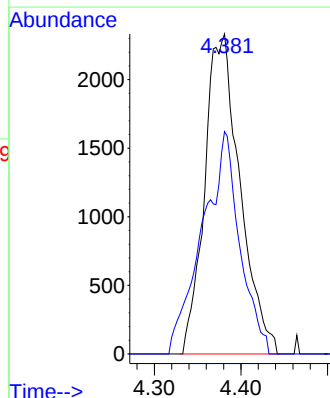
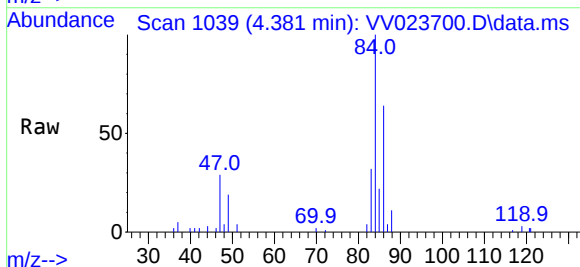
Acq: 24 Nov 2021 15:05

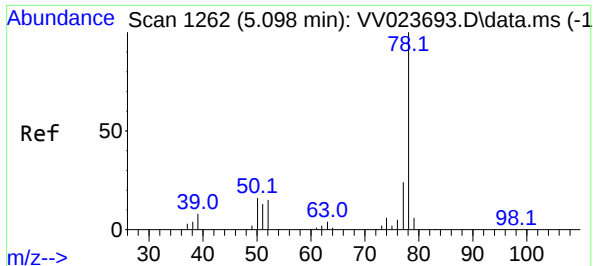
Tgt Ion: 83 Resp: 6603

Ion Ratio Lower Upper

83 100

85 69.5 45.2 84.0

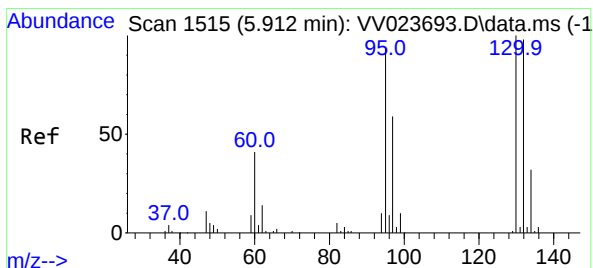
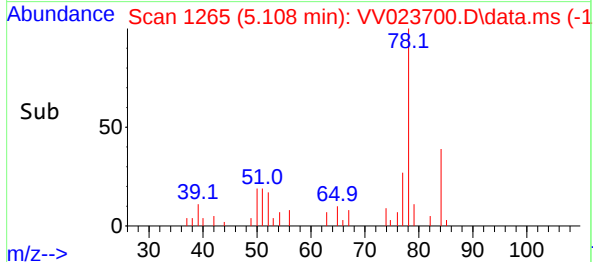
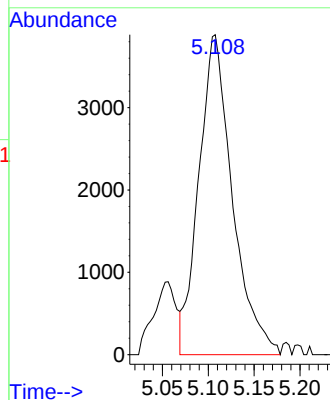
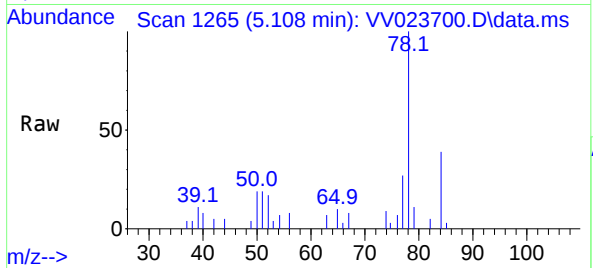




#33
Benzene
Concen: 0.262 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

Tgt Ion: 78 Resp: 9879

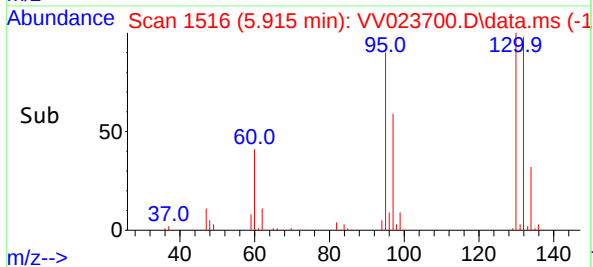
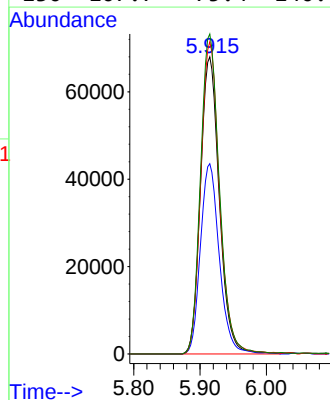
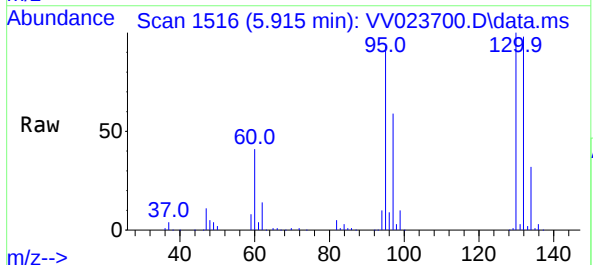
Instrument :
MSVOA_V
ClientSampleId :
H4644

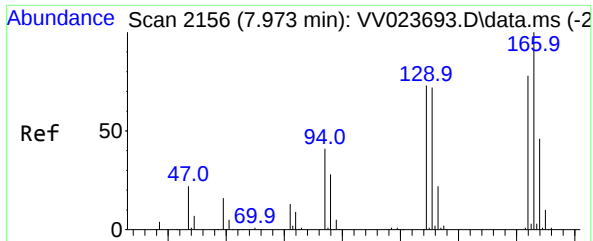


#34
Trichloroethene
Concen: 13.274 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

Tgt Ion: 95 Resp: 134205

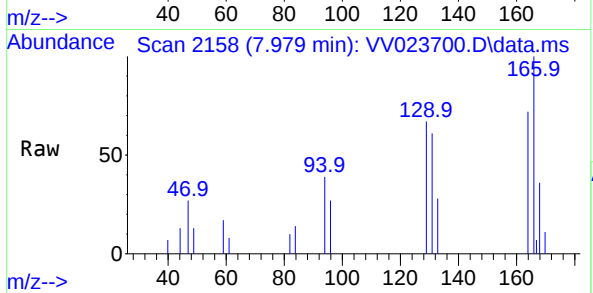
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.2	84.0
132	105.1	76.1	141.3
130	107.7	75.4	140.0





#47
Tetrachloroethene
Concen: 0.251 ug/L
RT: 7.979 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023700.D
Acq: 24 Nov 2021 15:05

Instrument :
MSVOA_V
ClientSampleId :
H4644



Tgt Ion:164 Resp: 2310

Ion	Ratio	Lower	Upper
164	100		
129	93.8	62.6	116.2
131	84.4	61.0	113.4
166	139.0	87.3	162.1

