

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023518.D
 Acq On : 16 Nov 2021 05:29
 Operator : SY/MD
 Sample : M4694-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4683

Quant Time: Nov 16 07:53:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

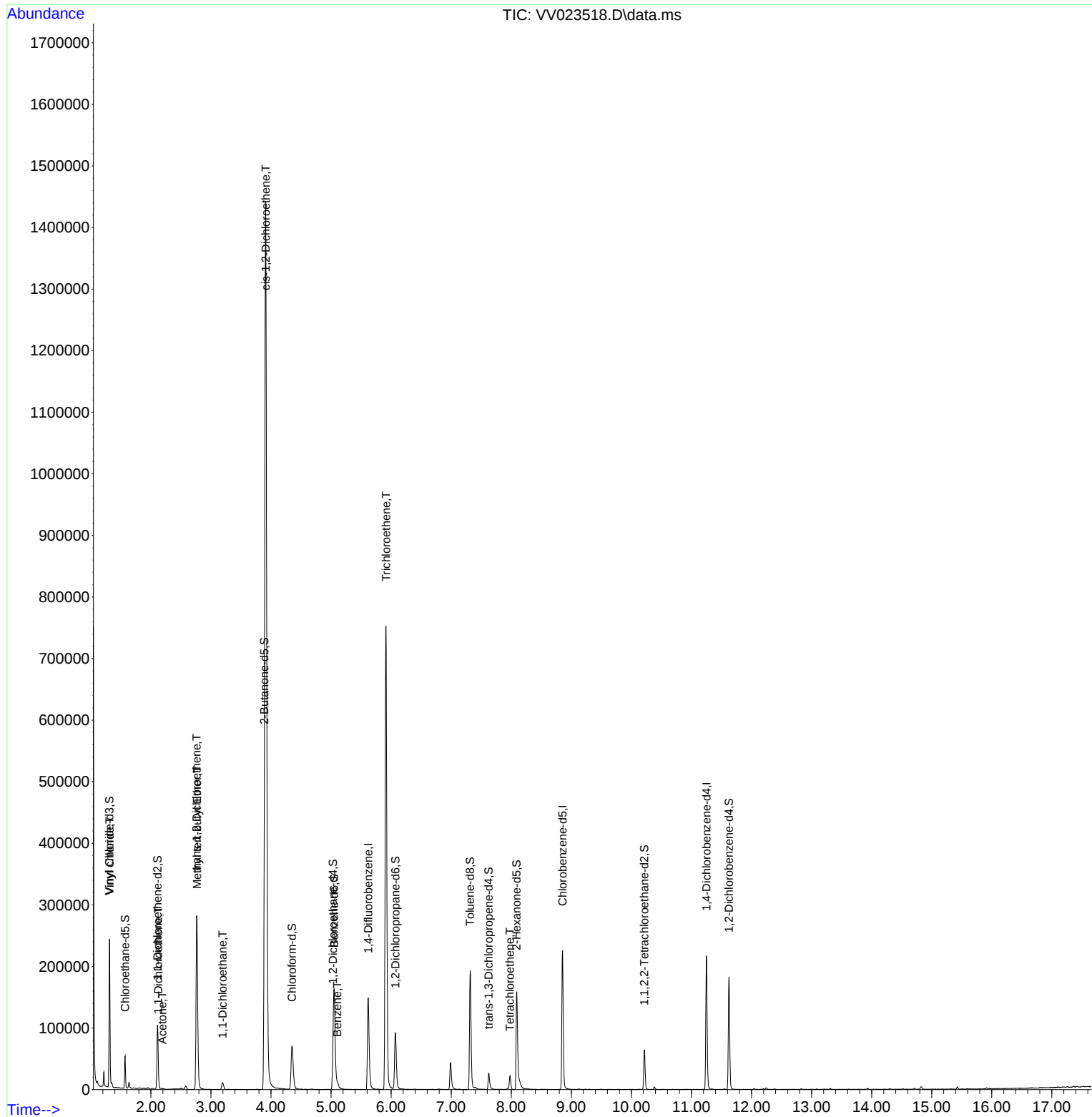
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134031	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	39171	4.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.571	69	31474	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.111	63	53585	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.889	46	80294	55.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.020%
24) Chloroform-d	4.352	84	75453	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.034	65	36762	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.053	84	148417	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.072	67	44273	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.317	98	130819	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	15754	4.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.088	63	52625	38.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29723	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	48900	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	96822	8.725	ug/L	100
12) 1,1-Dichloroethene	2.124	96	1950	0.244	ug/L #	1
13) Acetone	2.192	43	2074	2.346	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	101970	5.796	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	71246	7.251	ug/L	98
19) 1,1-Dichloroethane	3.195	63	11823	0.713	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	794854	84.060	ug/L #	90
33) Benzene	5.101	78	10001	0.278	ug/L	100
34) Trichloroethene	5.915	95	253549	26.500	ug/L	97
47) Tetrachloroethene	7.979	164	5037	0.607	ug/L	93

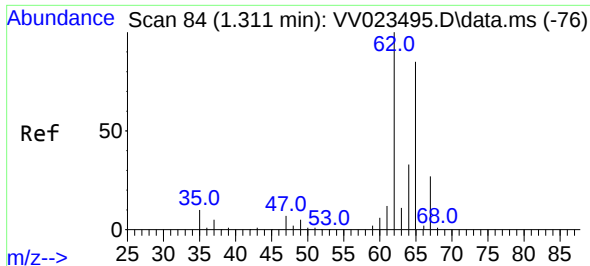
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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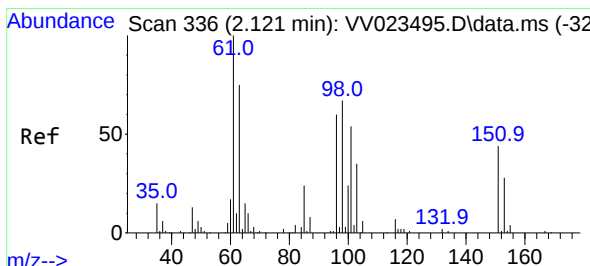
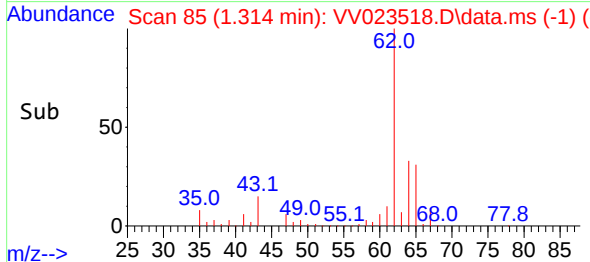
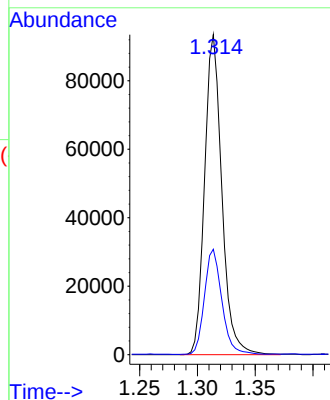
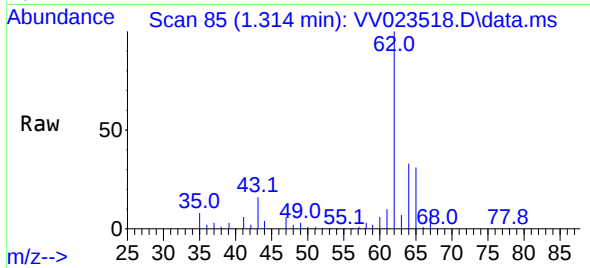




#5
 Vinyl chloride
 Concen: 8.725 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023518.D
 Acq: 16 Nov 2021 05:29

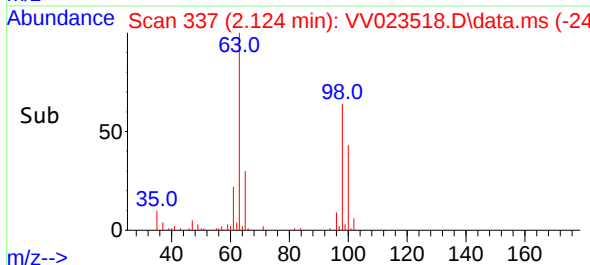
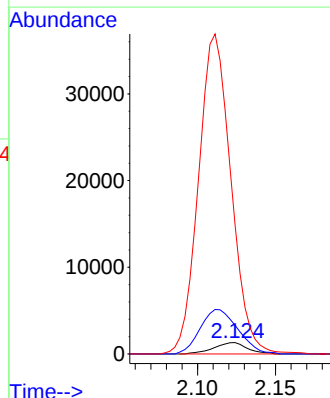
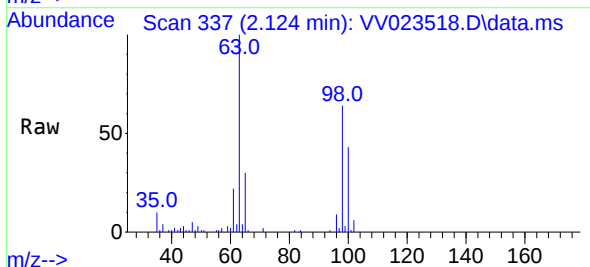
Instrument :
 MSVOA_V
 ClientSampleId :
 H4683

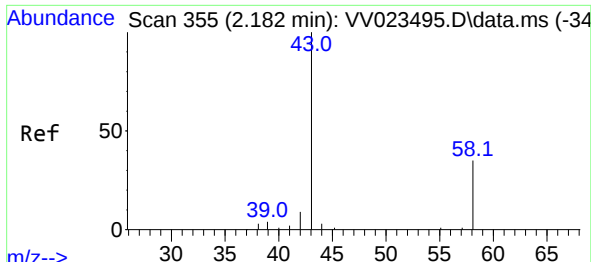
Tgt Ion: 62 Resp: 96822
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.244 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV023518.D
 Acq: 16 Nov 2021 05:29

Tgt Ion: 96 Resp: 1950
 Ion Ratio Lower Upper
 96 100
 61 252.1 121.5 225.7#
 63 1133.6 99.6 185.0#





#13

Acetone

Concen: 2.346 ug/L

RT: 2.192 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023518.D

Acq: 16 Nov 2021 05:29

Instrument :

MSVOA_V

ClientSampleId :

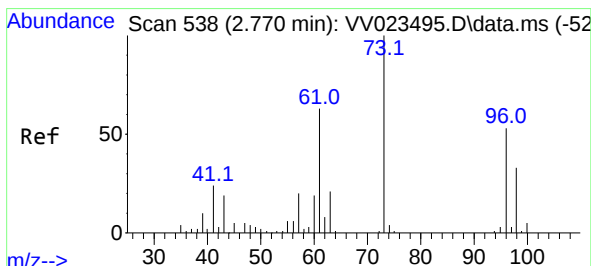
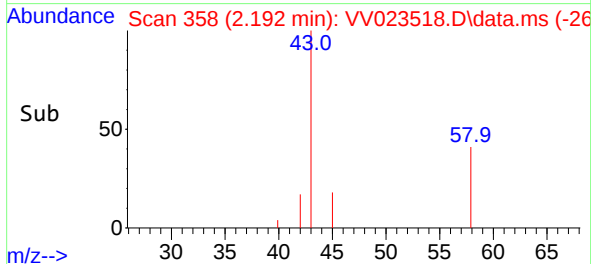
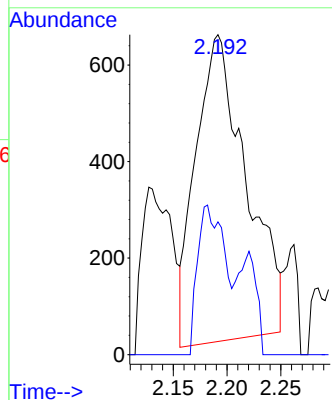
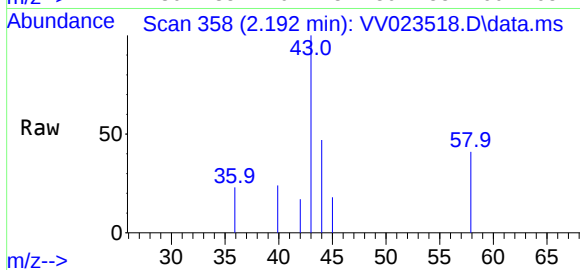
H4683

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

43 100

58 25.8 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 5.796 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.000 min

Lab File: VV023518.D

Acq: 16 Nov 2021 05:29

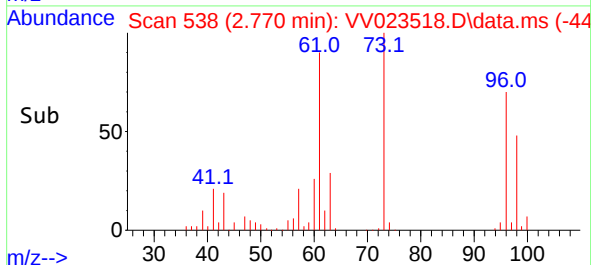
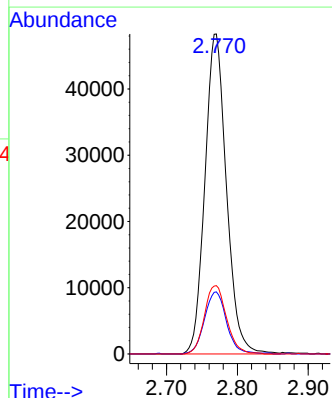
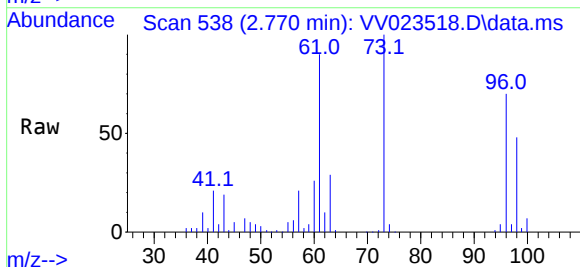
Tgt Ion: 73 Resp: 101970

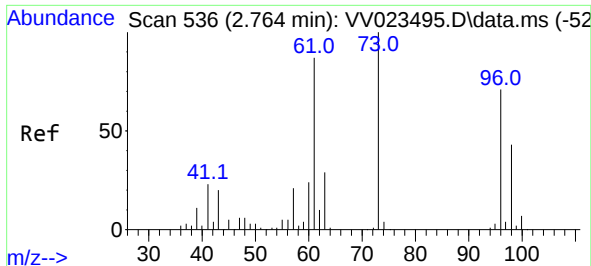
Ion Ratio Lower Upper

73 100

43 19.9 17.4 26.0

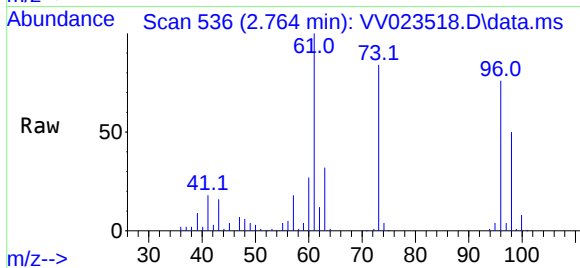
57 22.0 16.5 24.7





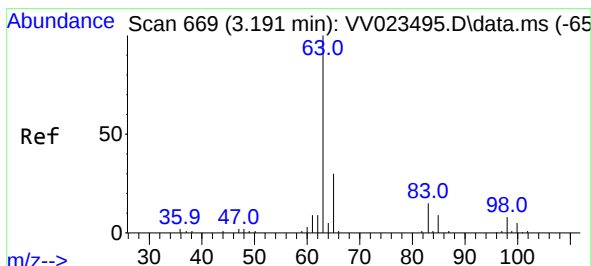
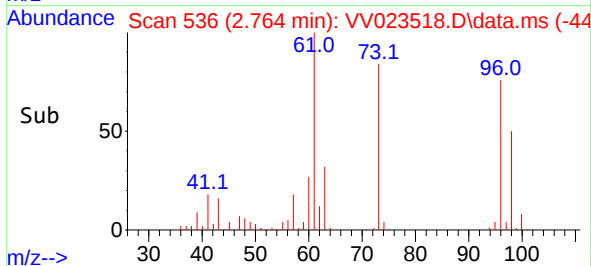
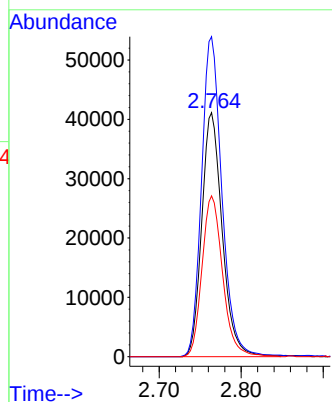
#18
trans-1,2-Dichloroethene
Concen: 7.251 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023518.D
Acq: 16 Nov 2021 05:29

Instrument :
MSVOA_V
ClientSampleId :
H4683



Tgt Ion: 96 Resp: 71246

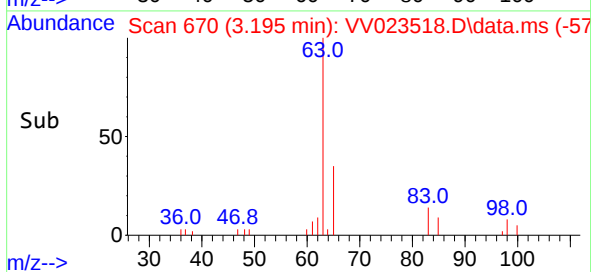
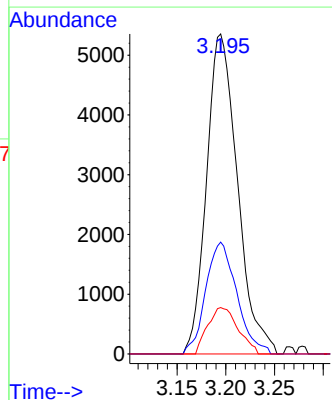
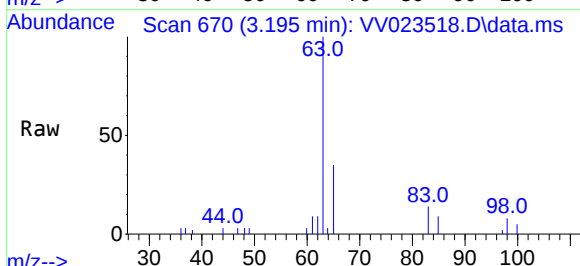
Ion	Ratio	Lower	Upper
96	100		
61	131.1	93.2	173.2
98	65.9	47.0	87.2

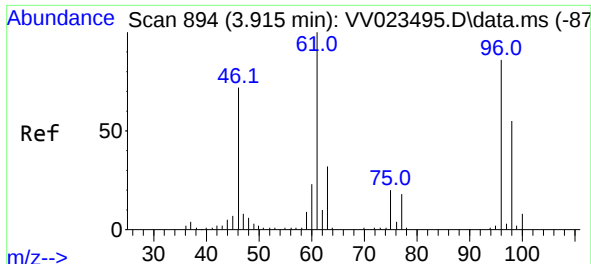


#19
1,1-Dichloroethane
Concen: 0.713 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023518.D
Acq: 16 Nov 2021 05:29

Tgt Ion: 63 Resp: 11823

Ion	Ratio	Lower	Upper
63	100		
65	34.9	22.6	42.0
83	14.5	11.1	20.7

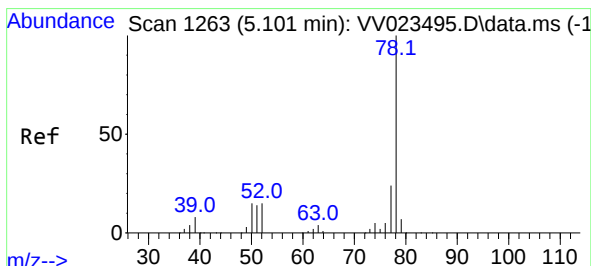
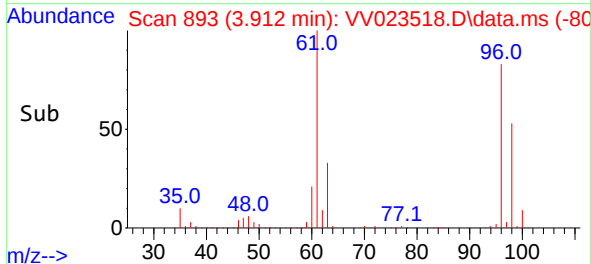
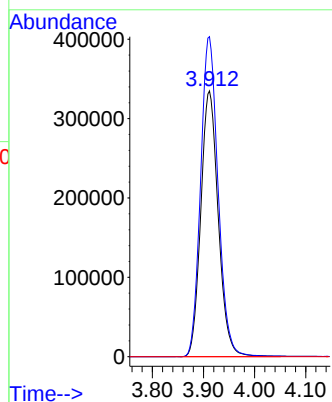
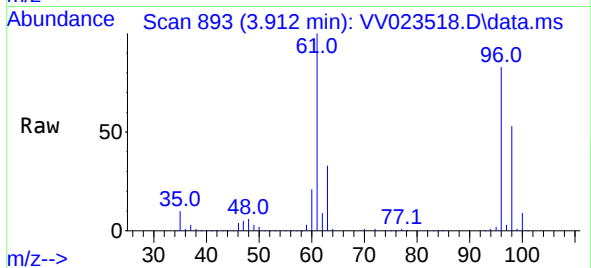




#22
 cis-1,2-Dichloroethene
 Concen: 84.060 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023518.D
 Acq: 16 Nov 2021 05:29

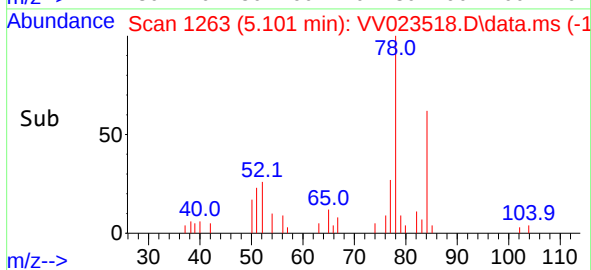
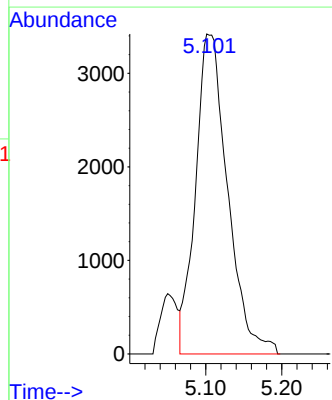
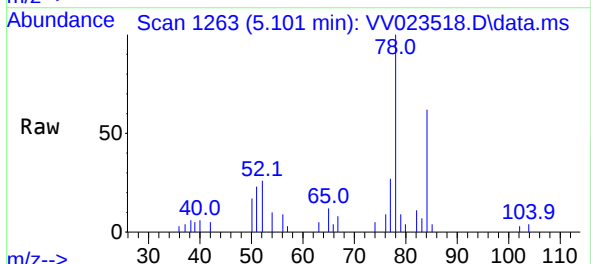
Instrument :
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 ClientSampleId :
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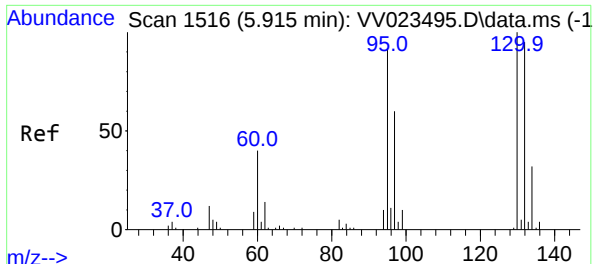
Tgt Ion: 96 Resp: 794854
 Ion Ratio Lower Upper
 96 100
 61 120.4 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.278 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.000 min
 Lab File: VV023518.D
 Acq: 16 Nov 2021 05:29

Tgt Ion: 78 Resp: 10001

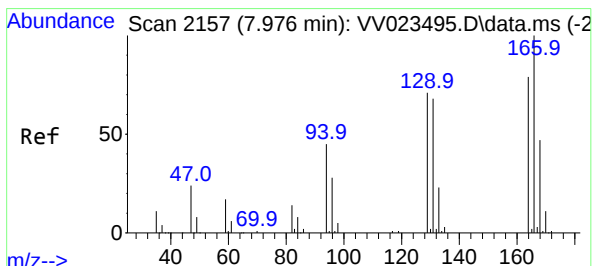
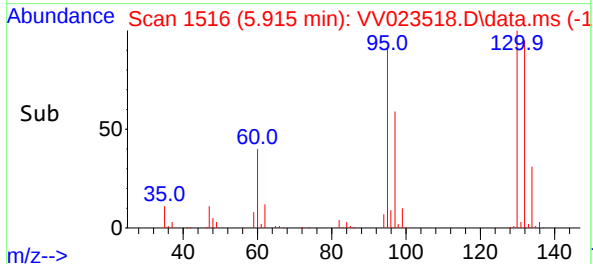
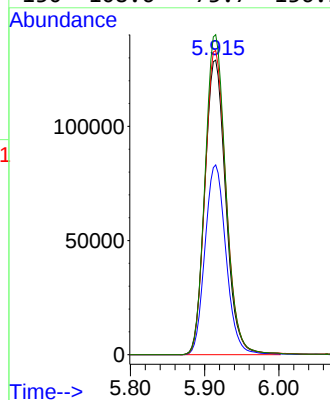
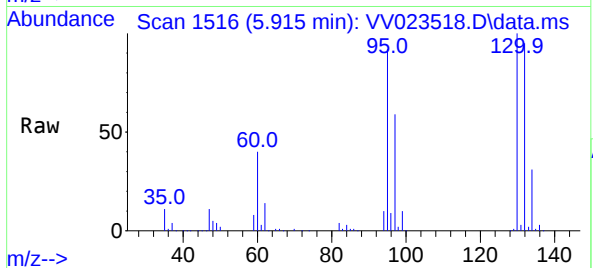




#34
Trichloroethene
Concen: 26.500 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023518.D
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Tgt Ion: 95 Resp: 253549
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 103.3 69.7 129.4
130 108.6 73.7 136.9



#47
Tetrachloroethene
Concen: 0.607 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023518.D
Acq: 16 Nov 2021 05:29

Tgt Ion:164 Resp: 5037
Ion Ratio Lower Upper
164 100
129 85.7 64.0 119.0
131 78.2 63.4 117.8
166 130.1 89.3 165.9

