

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023514.D
 Acq On : 16 Nov 2021 03:54
 Operator : SY/MD
 Sample : M4694-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4652

Quant Time: Nov 16 05:19:16 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)

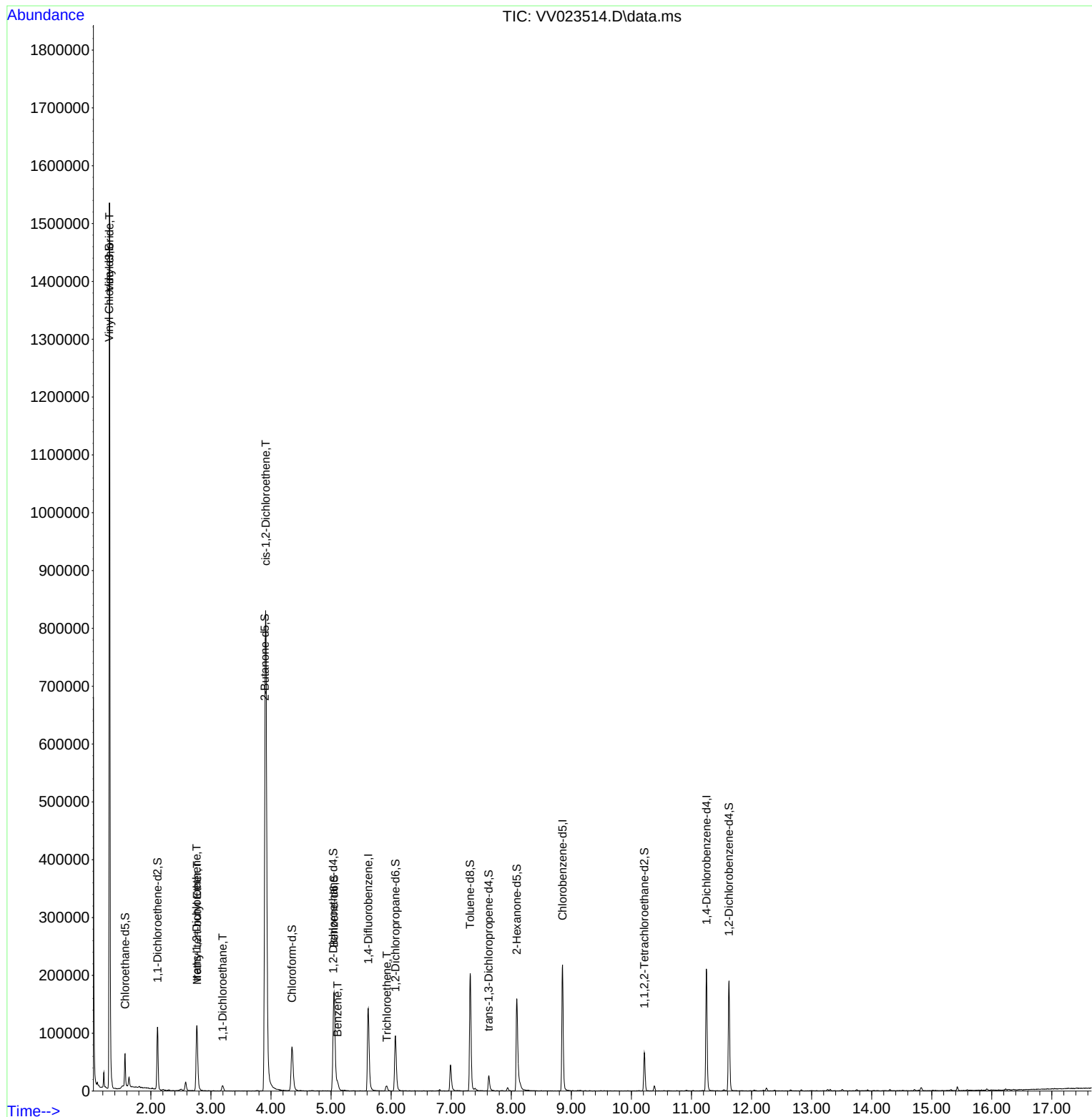
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48127	5.916	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.400%	
7) Chloroethane-d5	1.571	69	33047	4.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.111	63	56232	3.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.800%	
20) 2-Butanone-d5	3.899	46	82149	58.615	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.220%	
24) Chloroform-d	4.349	84	79824	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.037	65	37839	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.050	84	155658	4.967	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.072	67	46108	4.998	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	134249	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15975	4.567	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.092	63	56287	43.735	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30952	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51027	5.344	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	881131	81.951	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	45020	2.641	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	28744	3.020	ug/L	99
19) 1,1-Dichloroethane	3.195	63	9031	0.562	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	468265	51.114	ug/L #	90
33) Benzene	5.108	78	14393	0.422	ug/L	100
34) Trichloroethene	5.931	95	2822	0.311	ug/L	93

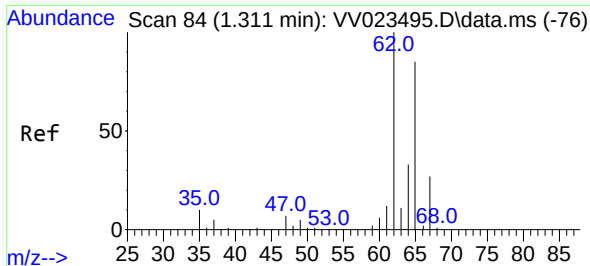
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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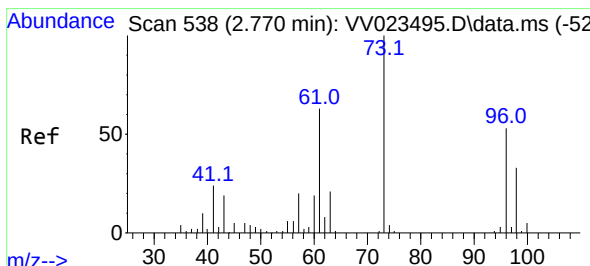
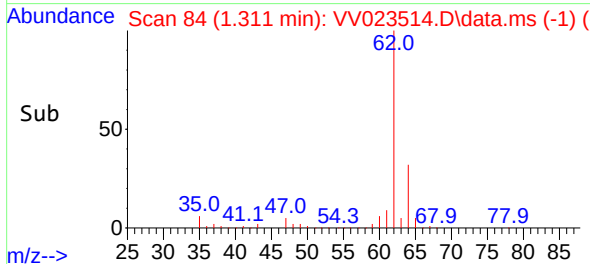
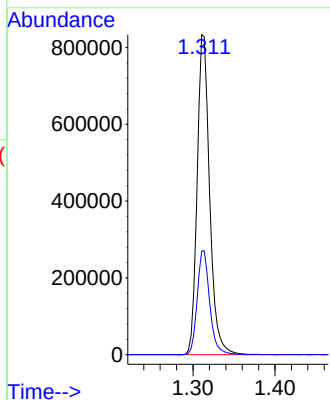
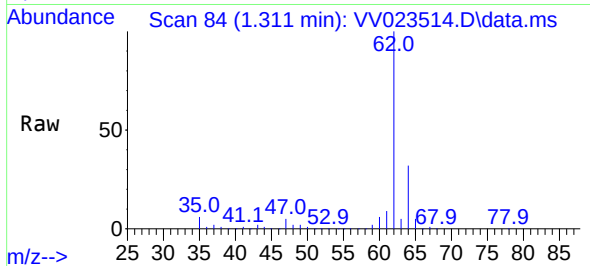




#5
 Vinyl chloride
 Concen: 81.951 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023514.D
 Acq: 16 Nov 2021 03:54

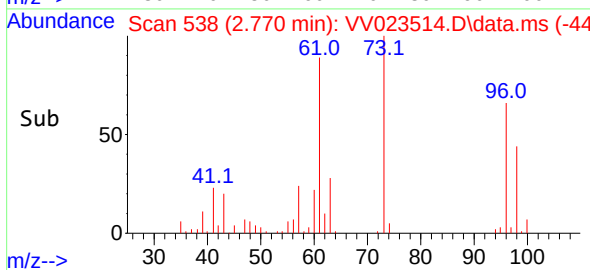
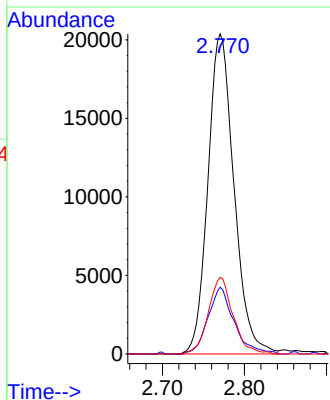
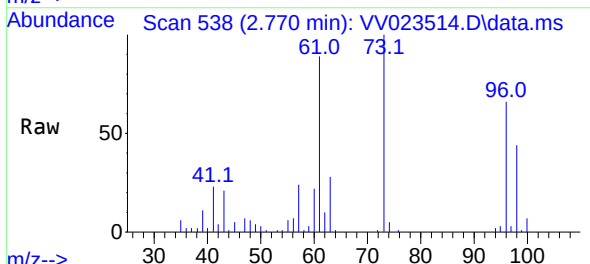
Instrument :
 MSVOA_V
 ClientSampleId :
 H4652

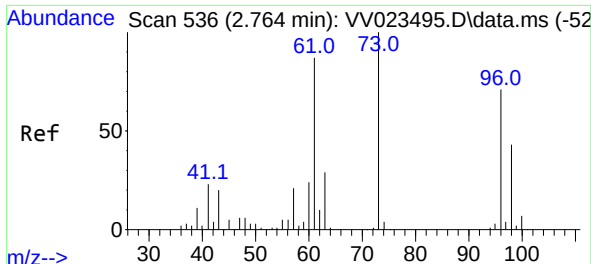
Tgt Ion: 62 Resp: 881131
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#17
 Methyl tert-butyl Ether
 Concen: 2.641 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.000 min
 Lab File: VV023514.D
 Acq: 16 Nov 2021 03:54

Tgt Ion: 73 Resp: 45020
 Ion Ratio Lower Upper
 73 100
 43 20.8 17.4 26.0
 57 22.7 16.5 24.7

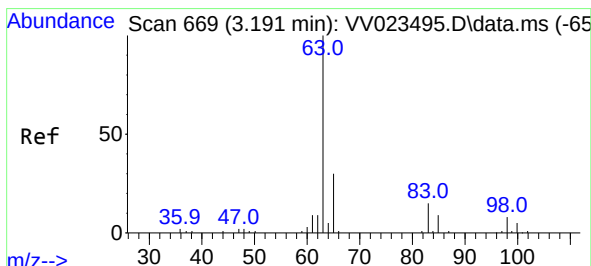
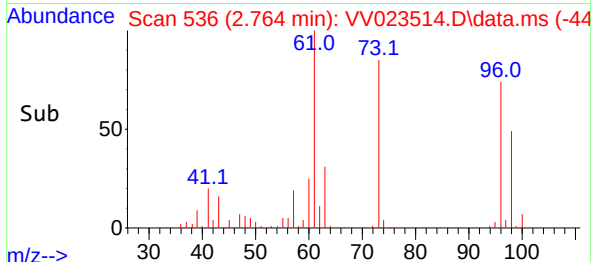
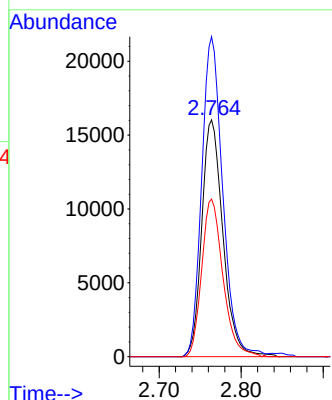
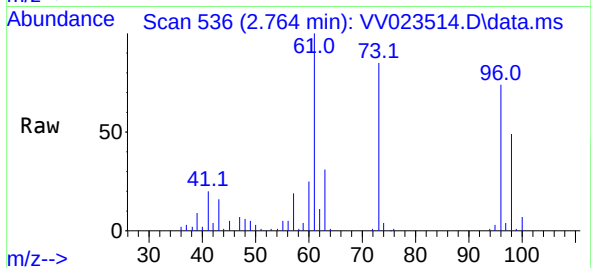




#18
trans-1,2-Dichloroethene
Concen: 3.020 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

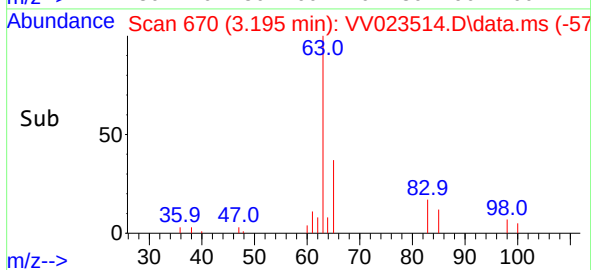
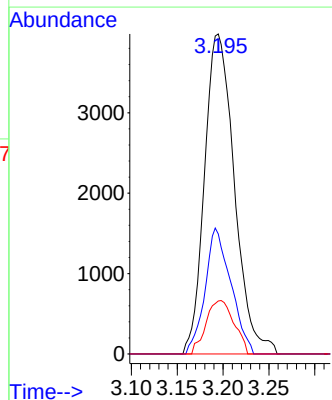
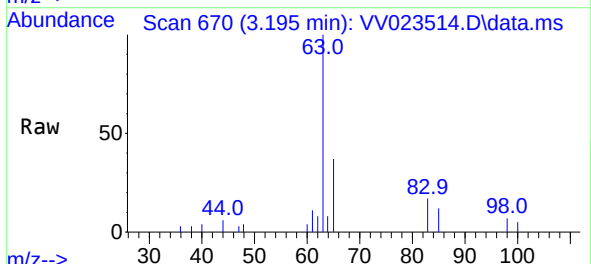
Instrument :
MSVOA_V
ClientSampleId :
H4652

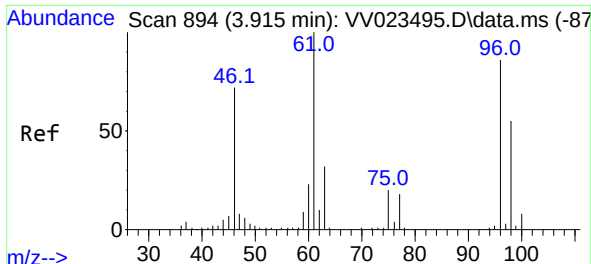
Tgt Ion: 96 Resp: 28744
Ion Ratio Lower Upper
96 100
61 135.2 93.2 173.2
98 66.6 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.562 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 63 Resp: 9031
Ion Ratio Lower Upper
63 100
65 37.5 22.6 42.0
83 16.6 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 51.114 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

Instrument :

MSVOA_V

ClientSampleId :

H4652

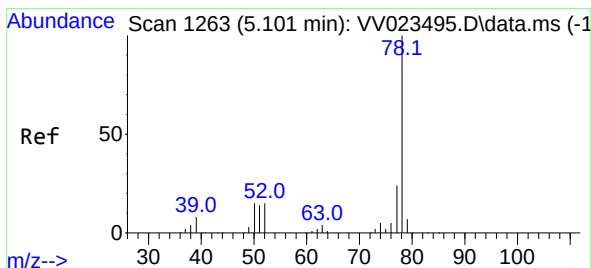
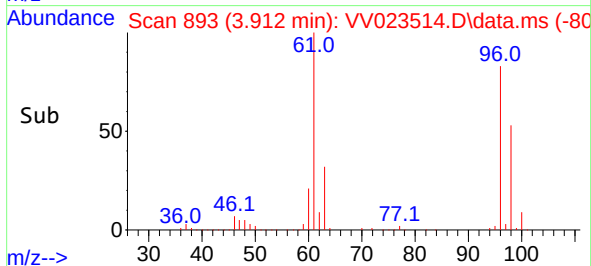
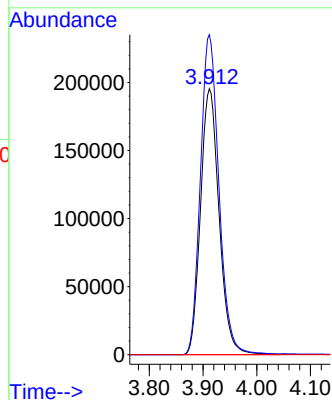
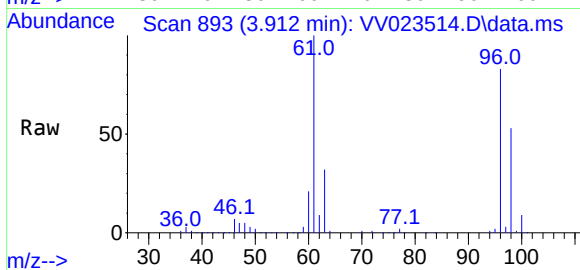
Tgt Ion: 96 Resp: 468265

Ion Ratio Lower Upper

96 100

61 120.3 92.3 171.3

68 0.0 0.4 0.8#



#33

Benzene

Concen: 0.422 ug/L

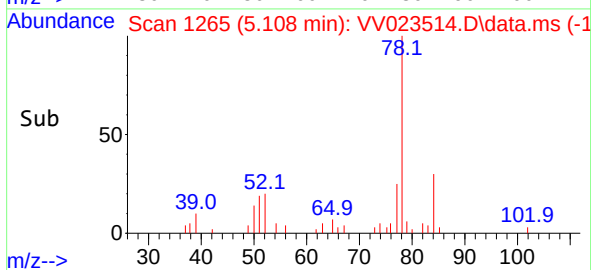
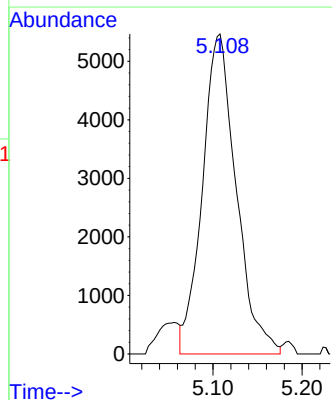
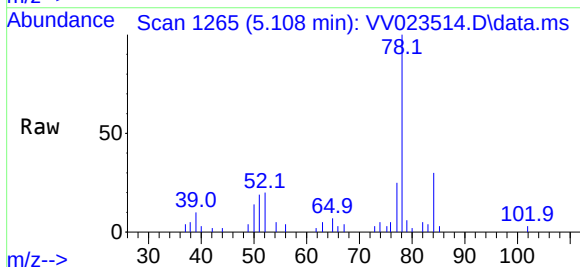
RT: 5.108 min Scan# 1265

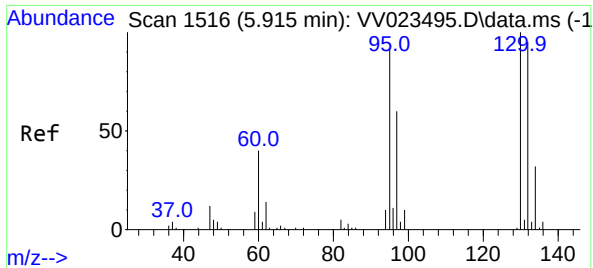
Delta R.T. 0.006 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

Tgt Ion: 78 Resp: 14393





#34
 Trichloroethene
 Concen: 0.311 ug/L
 RT: 5.931 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VV023514.D
 Acq: 16 Nov 2021 03:54

Instrument :
 MSVOA_V
 ClientSampleId :
 H4652

Tgt Ion: 95 Resp: 2822

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.0	83.6
132	108.3	69.7	129.4
130	97.3	73.7	136.9

