

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
 Data File : VV023581.D
 Acq On : 17 Nov 2021 19:47
 Operator : SY/MD
 Sample : M4627-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4641DL

Quant Time: Nov 18 00:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

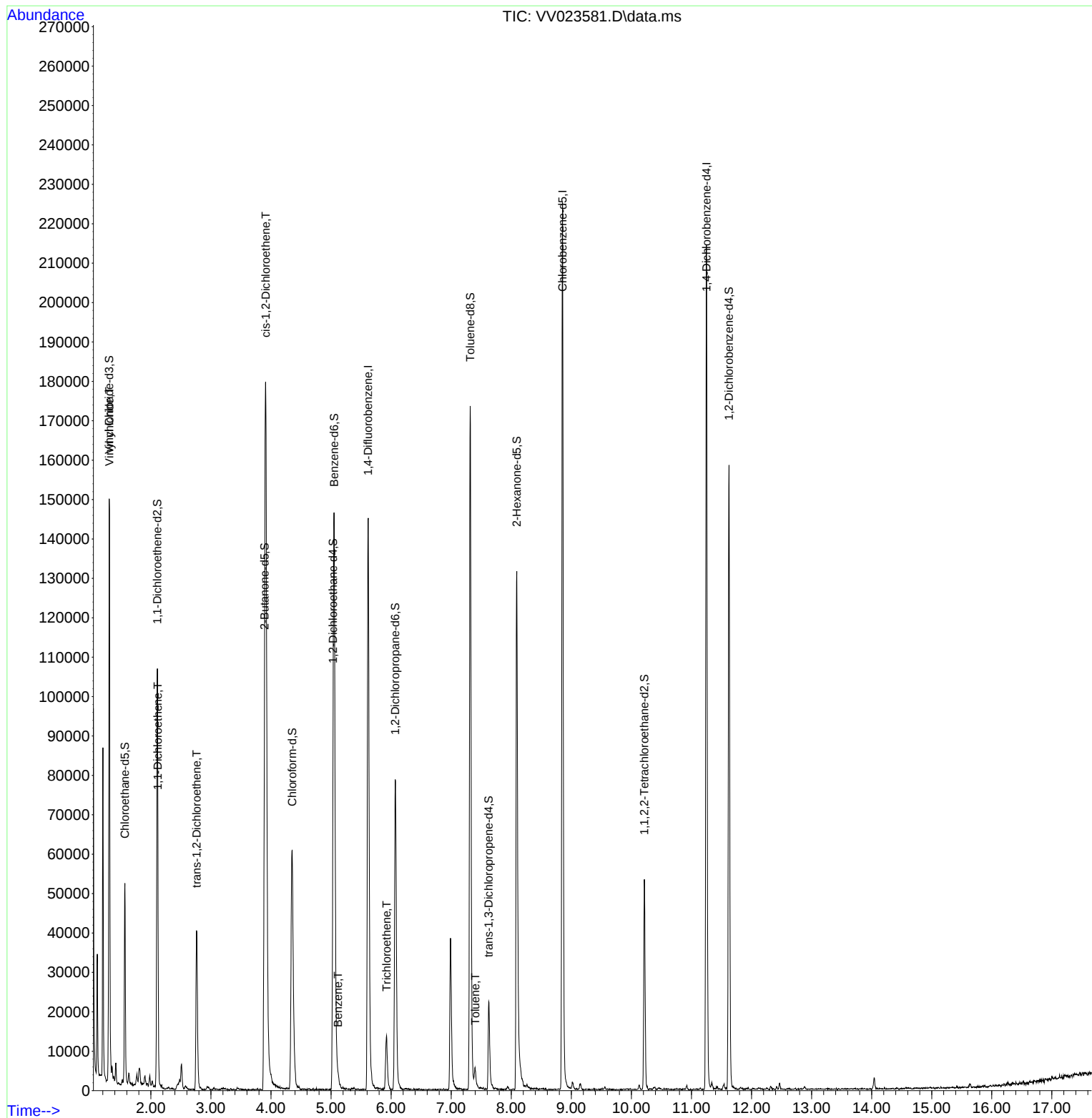
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42259	5.189	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.800%	
7) Chloroethane-d5	1.568	69	29978	4.516	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.108	63	54453	3.572	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.892	46	59725	42.566	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.140%	
24) Chloroform-d	4.352	84	62534	3.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.000%	
26) 1,2-Dichloroethane-d4	5.034	65	31728	4.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
32) Benzene-d6	5.053	84	133852	4.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.069	67	37981	4.003	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.000%	
41) Toluene-d8	7.317	98	117945	3.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13322	3.703	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.000%	
46) 2-Hexanone-d5	8.092	63	45632	34.476	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24533	3.596	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	72.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42438	4.326	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
5) Vinyl chloride	1.311	62	48843	4.538	ug/L	98
12) 1,1-Dichloroethene	2.118	96	1176	0.152	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	15712	1.649	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	93867	10.234	ug/L #	85
33) Benzene	5.114	78	2666	0.076	ug/L	100
34) Trichloroethene	5.924	95	4681	0.501	ug/L	96
42) Toluene	7.400	91	4110	0.109	ug/L	100

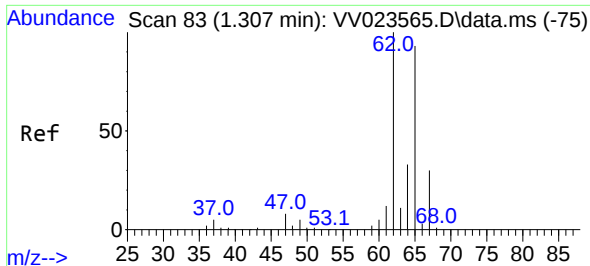
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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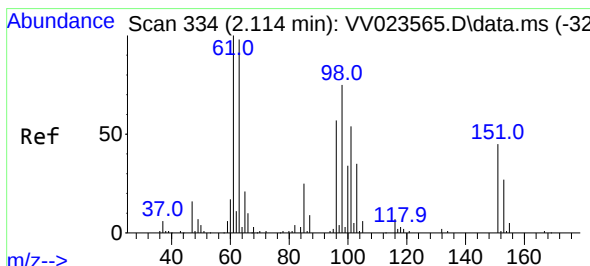
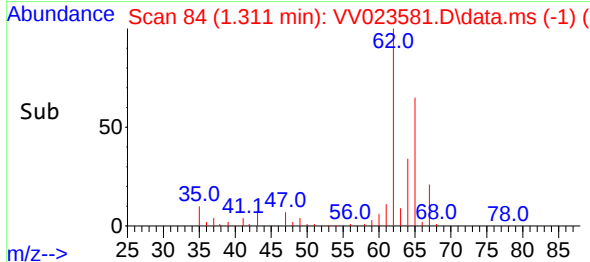
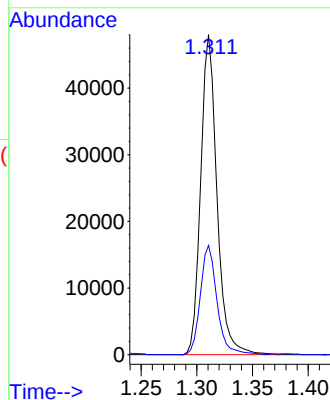
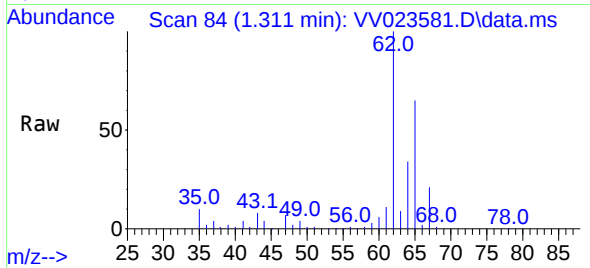




#5
 Vinyl chloride
 Concen: 4.538 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023581.D
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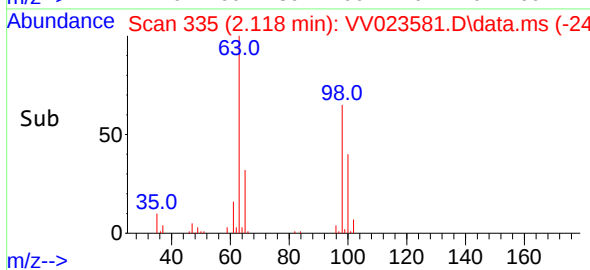
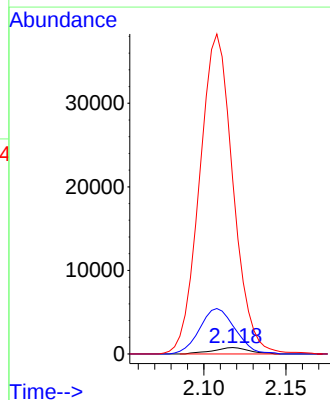
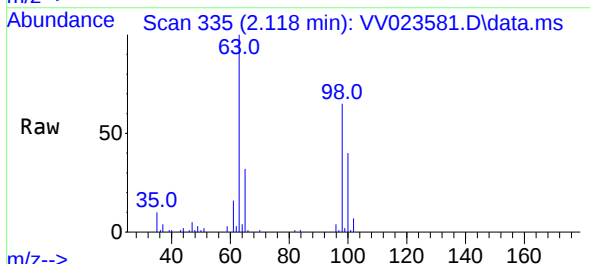
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 MSVOA_V
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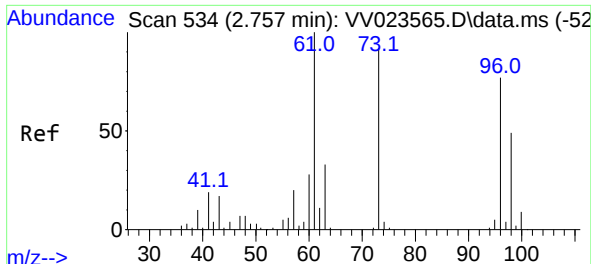
Tgt Ion: 62 Resp: 48843
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.152 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023581.D
 Acq: 17 Nov 2021 19:47

Tgt Ion: 96 Resp: 1176
 Ion Ratio Lower Upper
 96 100
 61 443.2 121.5 225.7#
 63 2710.2 99.6 185.0#

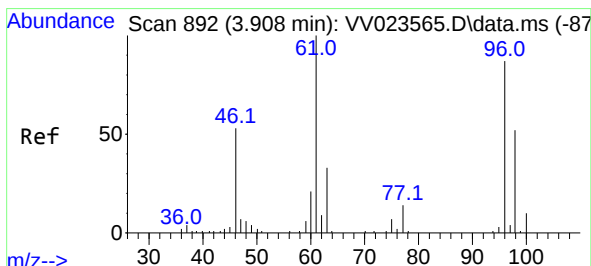
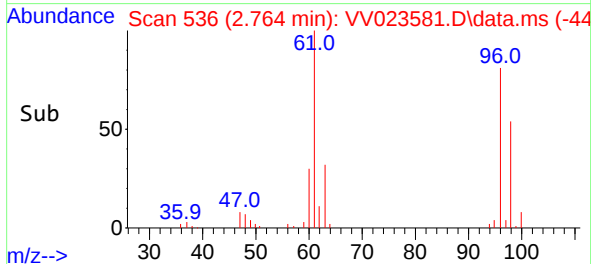
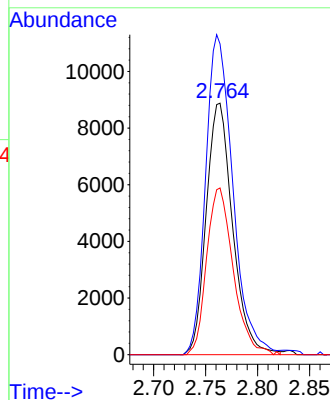
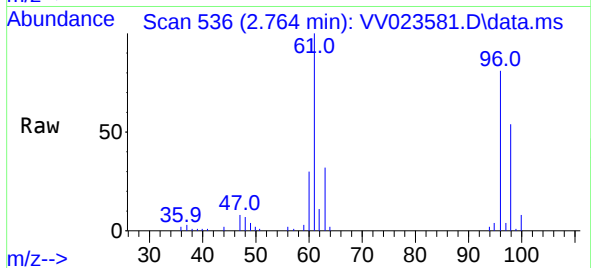




#18
trans-1,2-Dichloroethene
Concen: 1.649 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

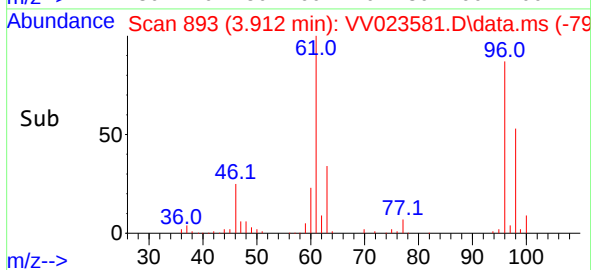
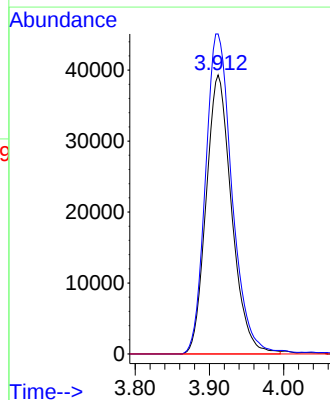
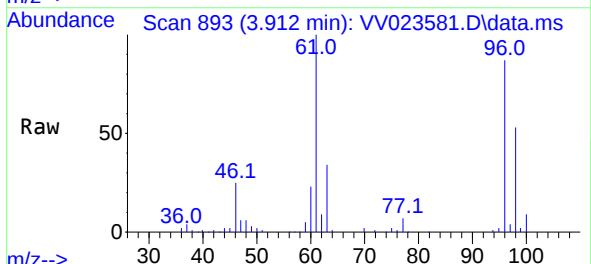
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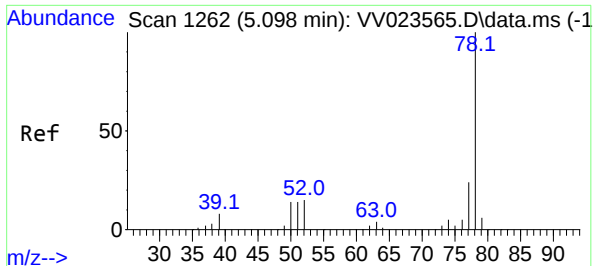
Tgt Ion: 96 Resp: 15712
Ion Ratio Lower Upper
96 100
61 123.5 93.2 173.2
98 66.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 10.234 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion: 96 Resp: 93867
Ion Ratio Lower Upper
96 100
61 114.7 92.3 171.3
68 0.0 0.4 0.8#

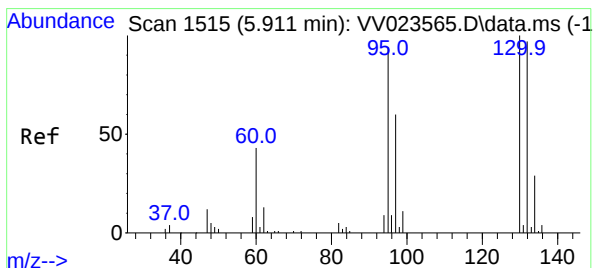
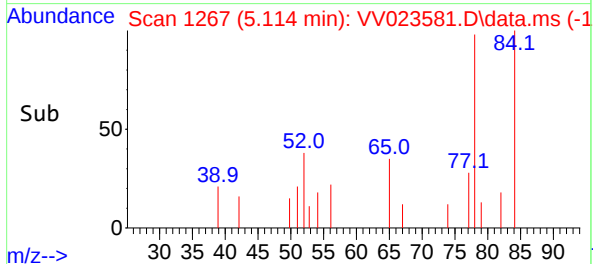
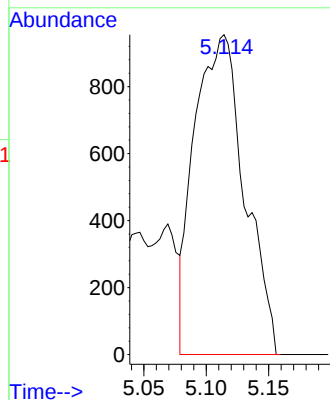
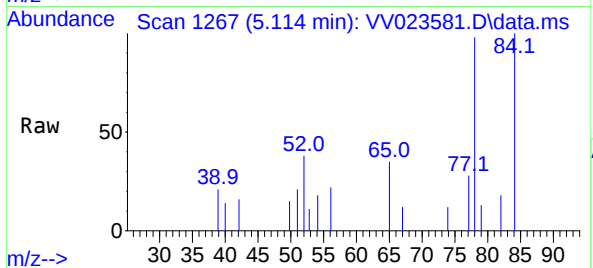




#33
Benzene
Concen: 0.076 ug/L
RT: 5.114 min Scan# 1267
Delta R.T. 0.016 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

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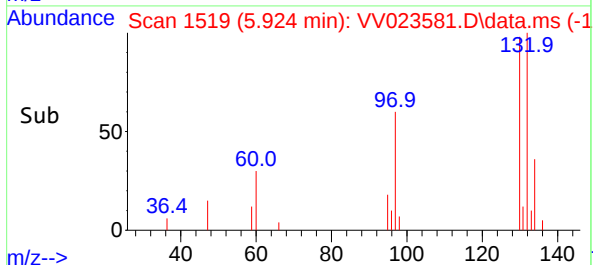
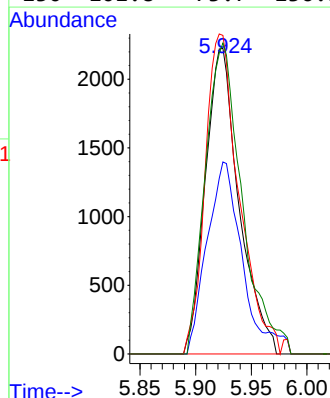
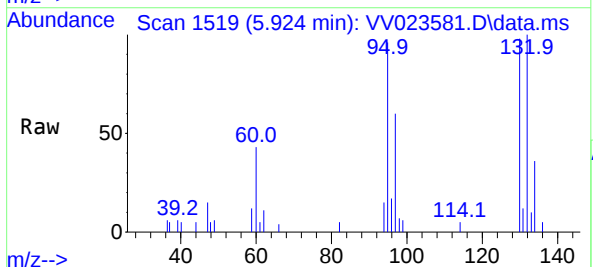
Tgt Ion: 78 Resp: 2666

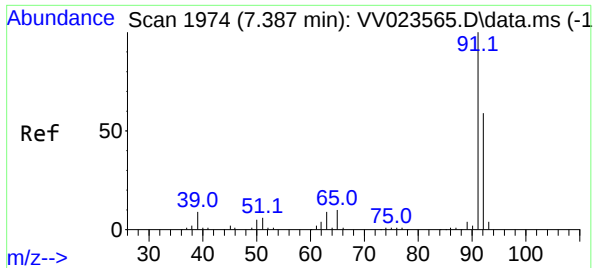


#34
Trichloroethene
Concen: 0.501 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion: 95 Resp: 4681

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.0	83.6
132	104.3	69.7	129.4
130	101.8	73.7	136.9





#42
Toluene
Concen: 0.109 ug/L
RT: 7.400 min Scan# 19
Delta R.T. 0.013 min
Lab File: VV023581.D
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Tgt Ion: 91 Resp: 4110
Ion Ratio Lower Upper
91 100
92 56.4 39.3 72.9

