

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023579.D
 Acq On : 17 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4627-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637DL

Quant Time: Nov 18 00:23:52 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)

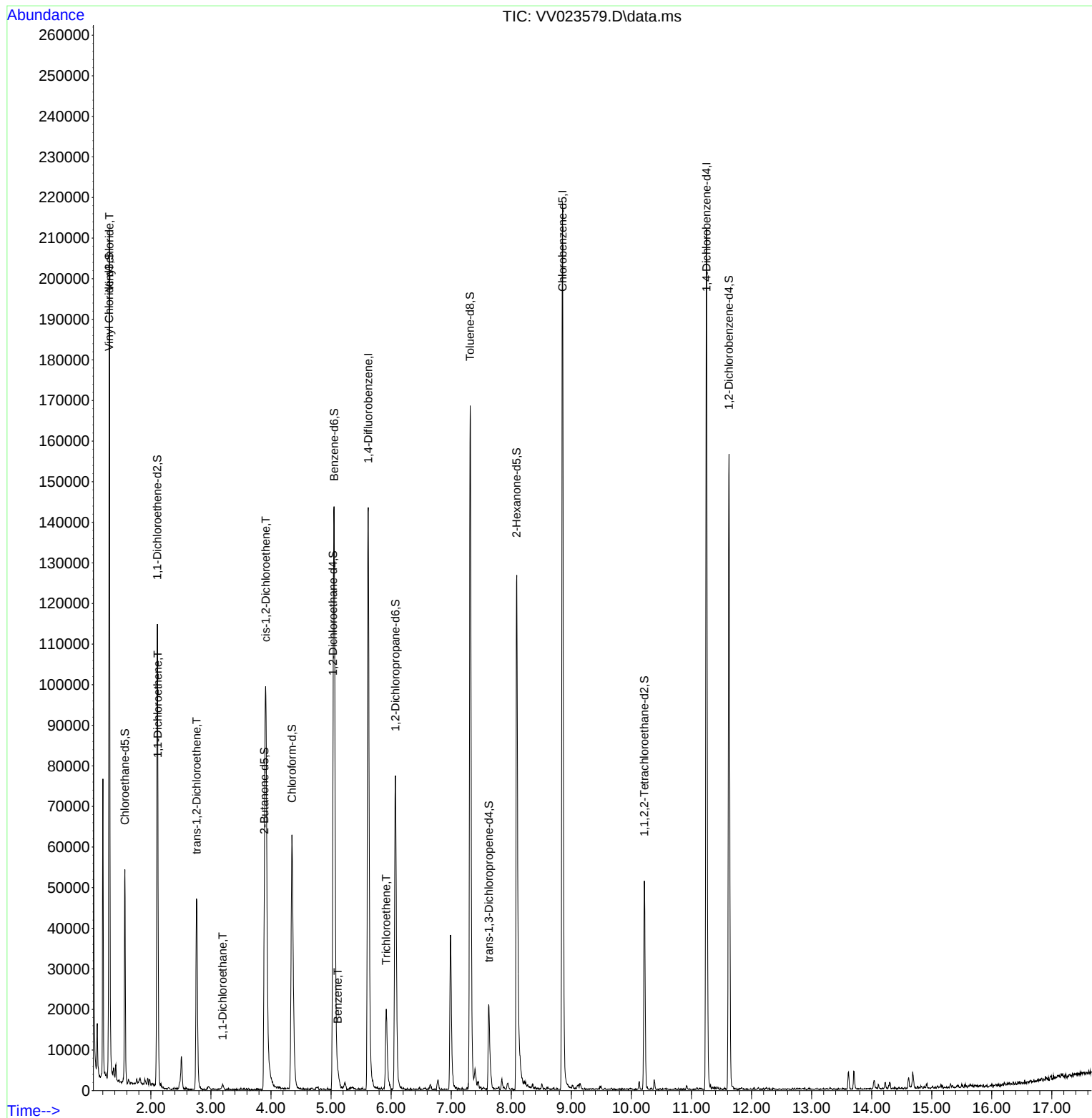
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41716	5.225	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.568	69	29654	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.108	63	56075	3.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.889	46	56779	41.277	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.560%
24) Chloroform-d	4.352	84	63011	3.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.034	65	31486	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.053	84	131039	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.072	67	37327	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.317	98	114070	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.629	79	13147	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.088	63	42866	33.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23703	3.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	41459	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	95823	9.080	ug/L	98
12) 1,1-Dichloroethene	2.118	96	2857	0.376	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	18705	2.002	ug/L	97
19) 1,1-Dichloroethane	3.195	63	1758	0.111	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46372	5.157	ug/L #	91
33) Benzene	5.111	78	3163	0.092	ug/L	100
34) Trichloroethene	5.918	95	6555	0.717	ug/L	95

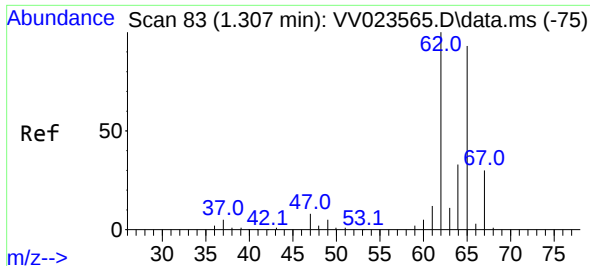
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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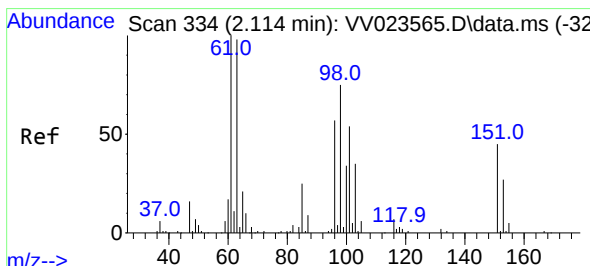
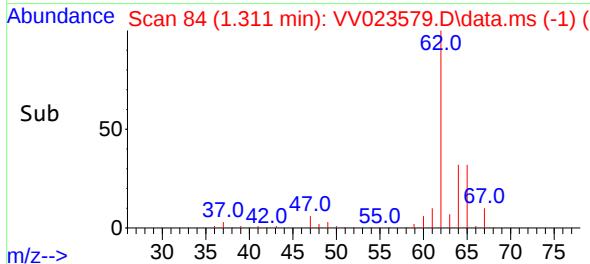
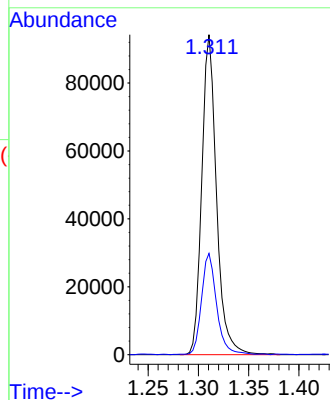
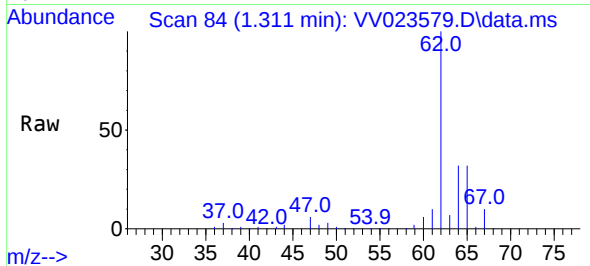




#5
 Vinyl chloride
 Concen: 9.080 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

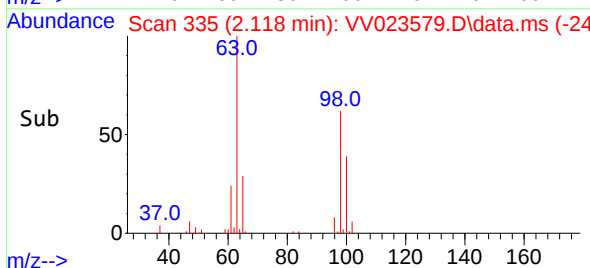
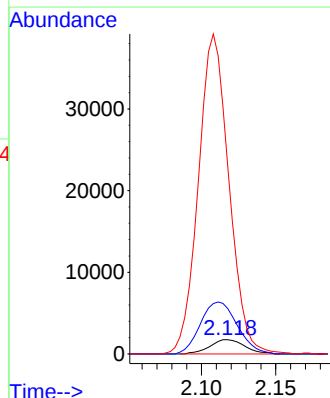
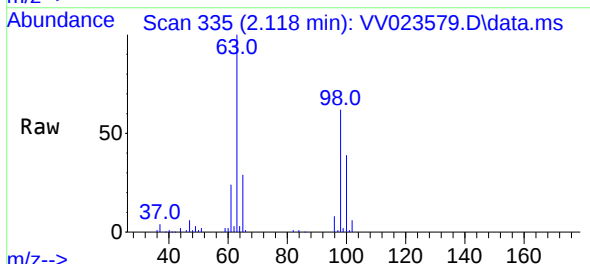
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637DL

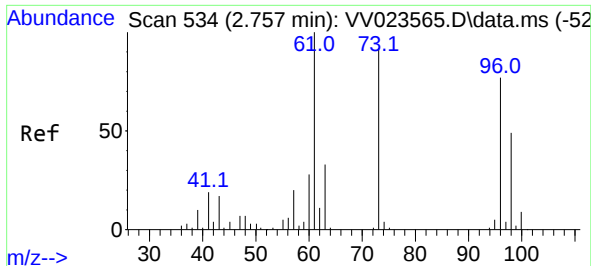
Tgt Ion: 62 Resp: 95823
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.376 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

Tgt Ion: 96 Resp: 2857
 Ion Ratio Lower Upper
 96 100
 61 316.9 121.5 225.7#
 63 1313.4 99.6 185.0#

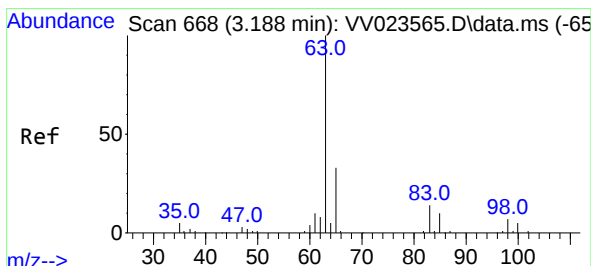
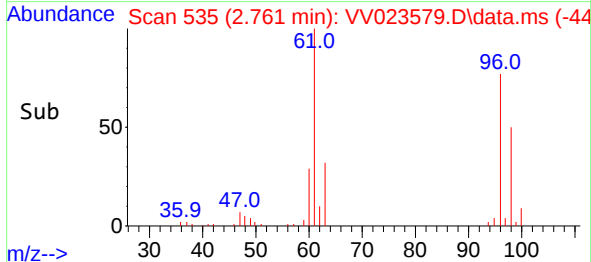
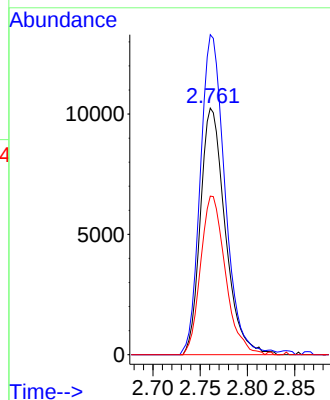
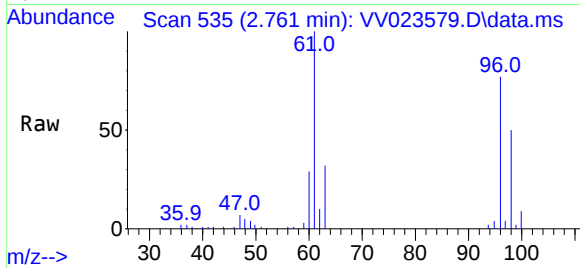




#18
trans-1,2-Dichloroethene
Concen: 2.002 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023579.D
Acq: 17 Nov 2021 18:59

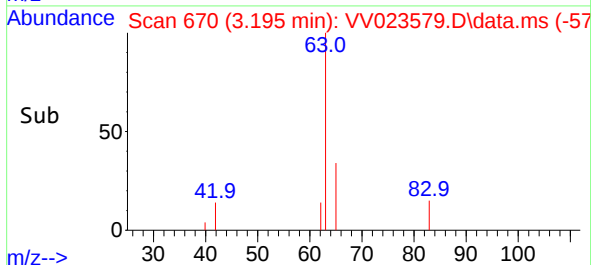
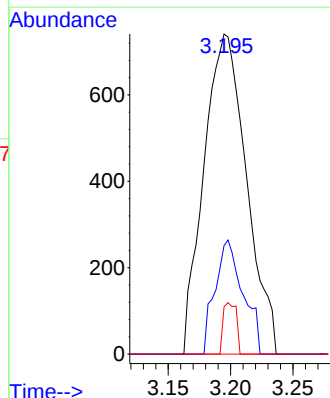
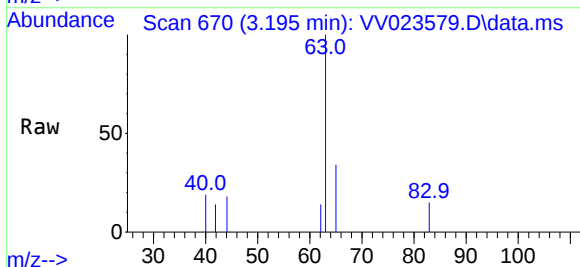
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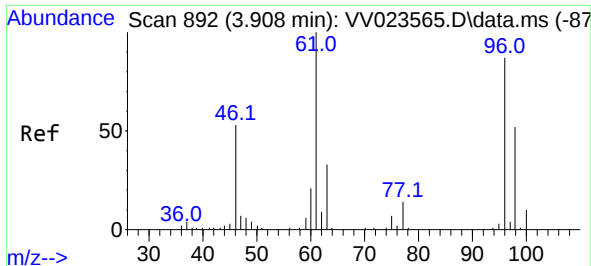
Tgt Ion: 96 Resp: 18705
Ion Ratio Lower Upper
96 100
61 129.8 93.2 173.2
98 64.3 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.111 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV023579.D
Acq: 17 Nov 2021 18:59

Tgt Ion: 63 Resp: 1758
Ion Ratio Lower Upper
63 100
65 33.9 22.6 42.0
83 14.7 11.1 20.7

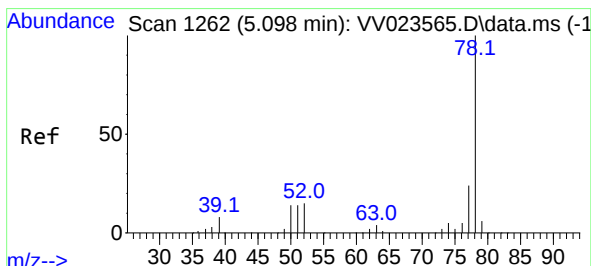
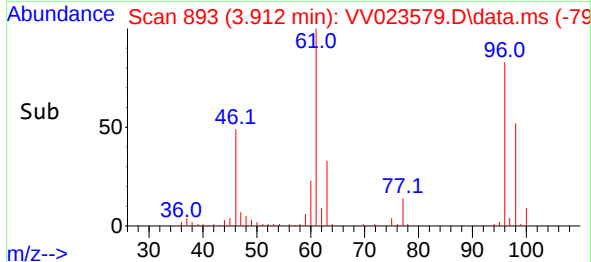
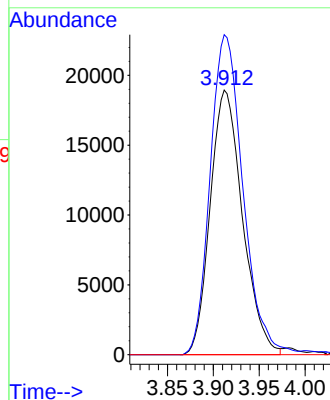
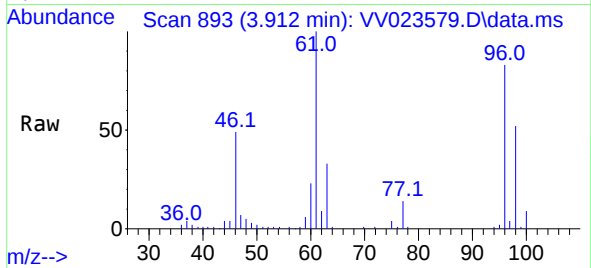




#22
 cis-1,2-Dichloroethene
 Concen: 5.157 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

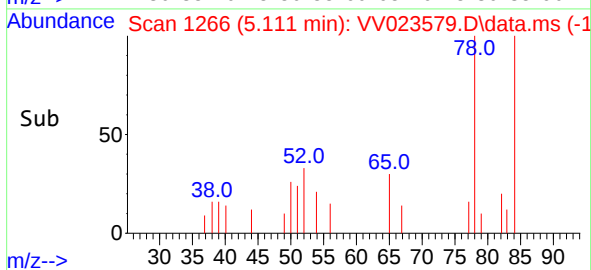
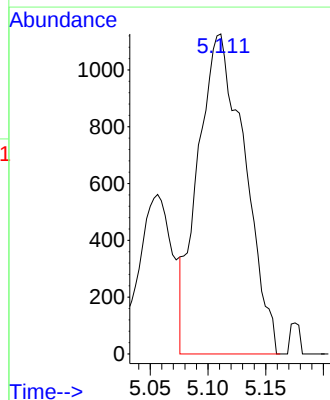
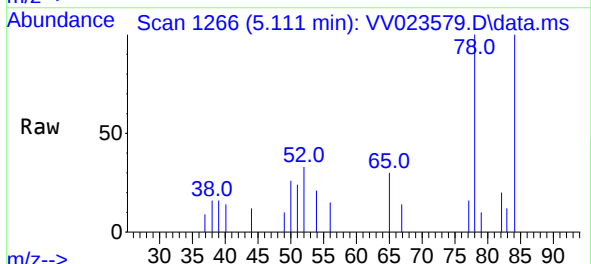
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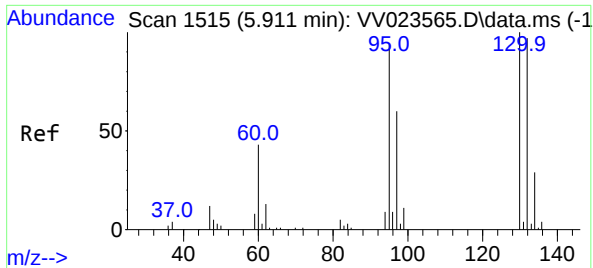
Tgt Ion: 96 Resp: 46372
 Ion Ratio Lower Upper
 96 100
 61 120.9 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.092 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.013 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

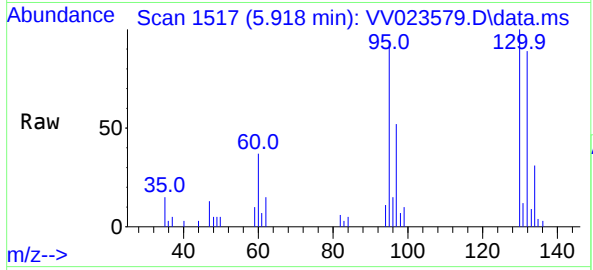
Tgt Ion: 78 Resp: 3163





#34
 Trichloroethene
 Concen: 0.717 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637DL



Tgt Ion: 95 Resp: 6555

Ion	Ratio	Lower	Upper
95	100		
97	55.8	45.0	83.6
132	94.8	69.7	129.4
130	106.4	73.7	136.9

