

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029081.D
 Acq On : 17 Nov 2022 22:32
 Operator : SY/MD
 Sample : N5687-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC6

Quant Time: Nov 18 06:00:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

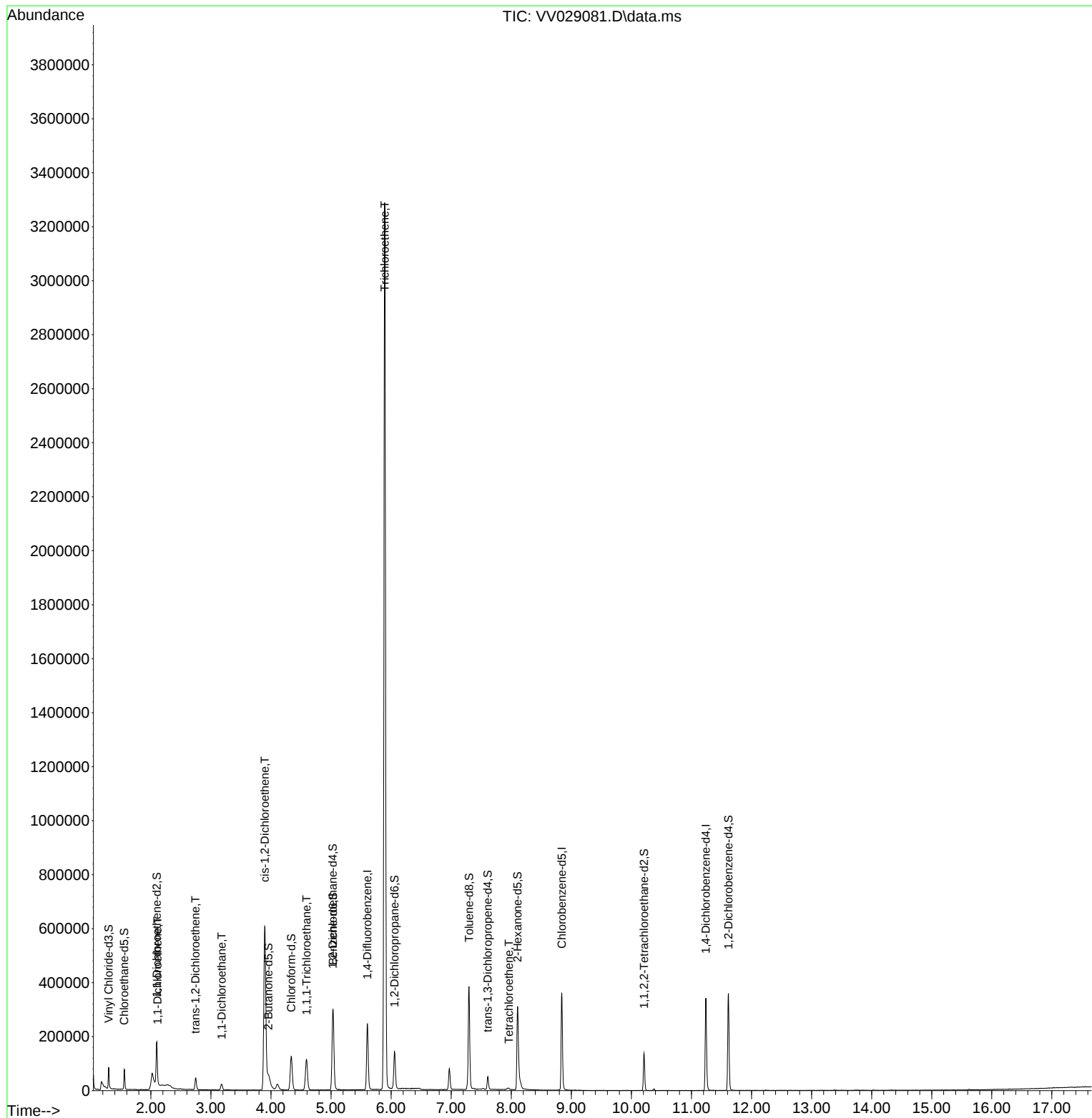
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	220912	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	208594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	51905	3.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.558	69	46526	3.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.098	63	72202	2.942	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.957	46	127783	56.680	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	4.336	84	131100	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	64288	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.034	84	256867	4.126	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.056	67	59235	3.407	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.200%
41) Toluene-d8	7.297	98	260045	4.640	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.609	79	26155	4.612	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.104	63	113265	46.796	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64513	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	101125	5.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
12) 1,1-Dichloroethene	2.111	96	2634	0.197	ug/L #	1
18) trans-1,2-Dichloroethene	2.744	96	17449	1.125	ug/L	88
19) 1,1-Dichloroethane	3.178	63	20256	0.799	ug/L #	96
22) cis-1,2-Dichloroethene	3.895	96	373558	23.690	ug/L	88
29) 1,1,1-Trichloroethane	4.590	97	95042	3.883	ug/L	96
34) Trichloroethene	5.892	95	1083036	66.368	ug/L	93
47) Tetrachloroethene	7.960	164	1213	0.093	ug/L #	88

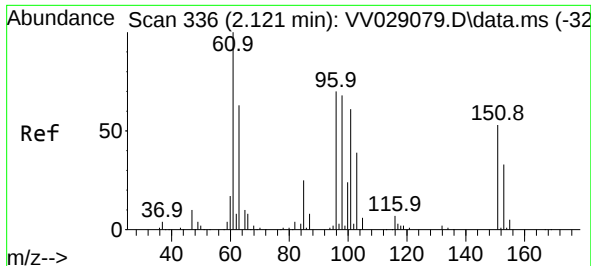
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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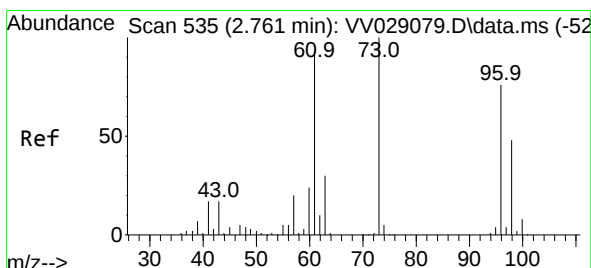
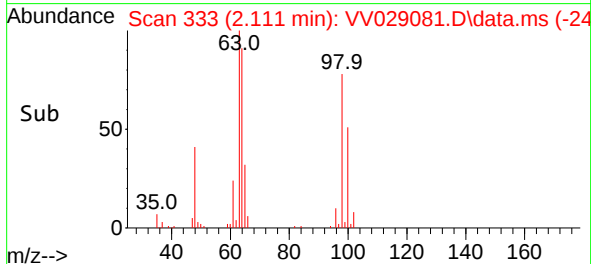
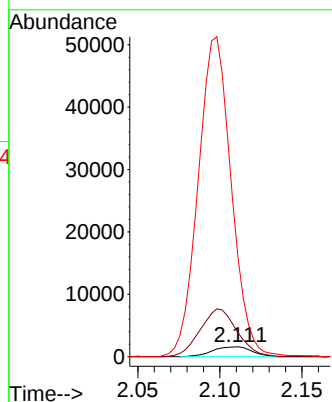
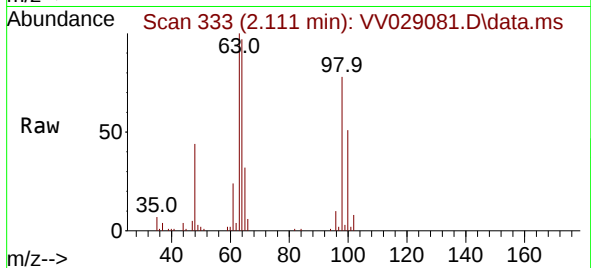




#12
1,1-Dichloroethene
Concen: 0.197 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

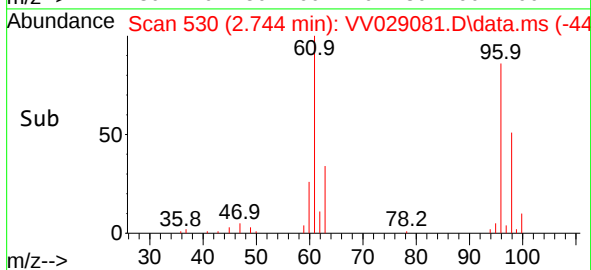
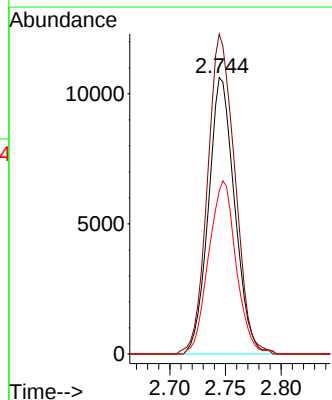
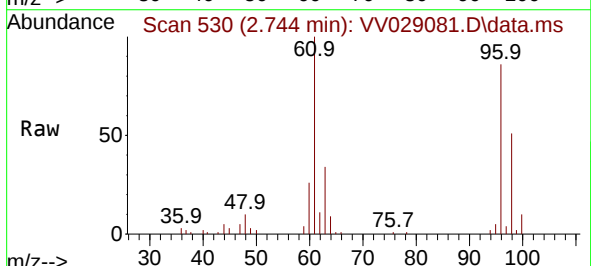
Instrument :
MSVOA_V
ClientSampleId :
BGCC6

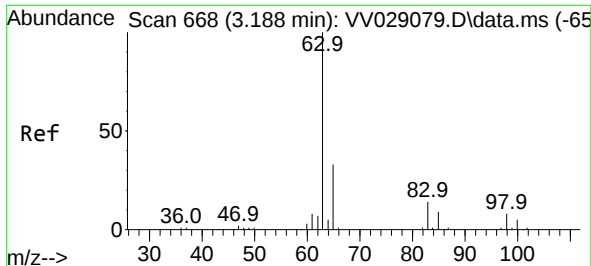
Tgt Ion: 96 Resp: 2634
Ion Ratio Lower Upper
96 100
61 241.3 104.2 193.4#
63 999.1 75.9 140.9#



#18
trans-1,2-Dichloroethene
Concen: 1.125 ug/L
RT: 2.744 min Scan# 530
Delta R.T. -0.016 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

Tgt Ion: 96 Resp: 17449
Ion Ratio Lower Upper
96 100
61 115.7 91.8 170.6
98 58.9 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.799 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.010 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

BGCC6

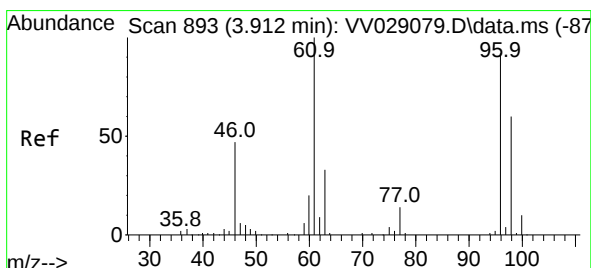
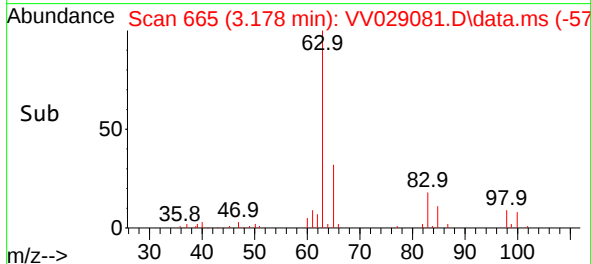
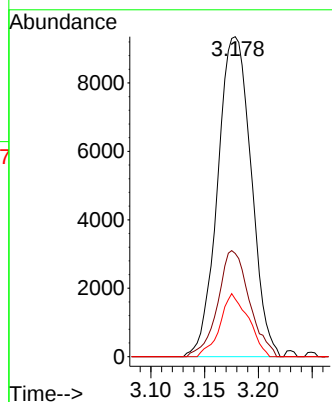
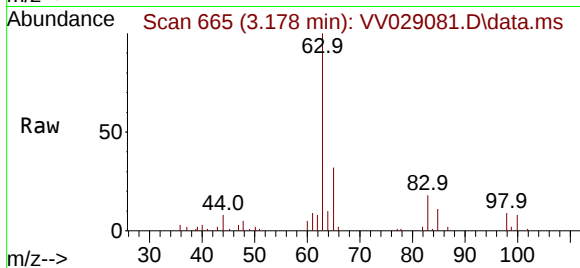
Tgt Ion: 63 Resp: 20256

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 18.0 9.4 17.6#



#22

cis-1,2-Dichloroethene

Concen: 23.690 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.016 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

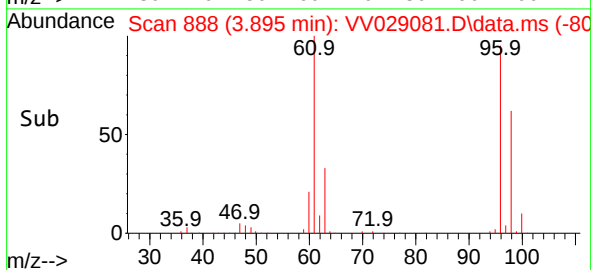
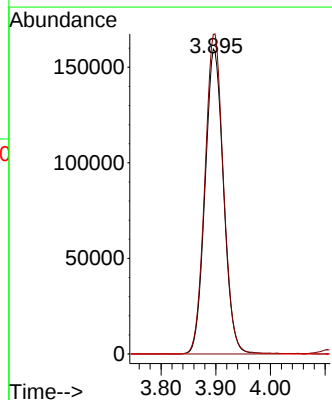
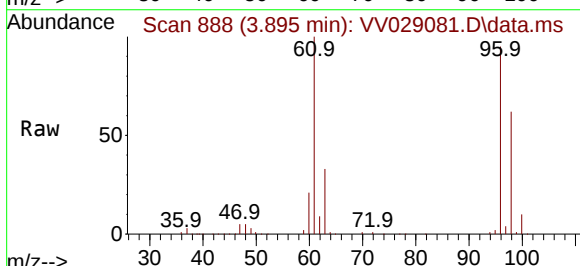
Tgt Ion: 96 Resp: 373558

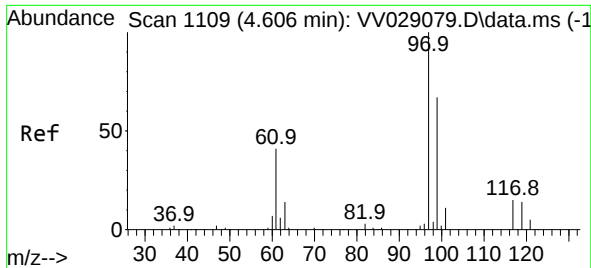
Ion Ratio Lower Upper

96 100

61 104.8 82.3 152.9

68 0.0 0.0 0.0

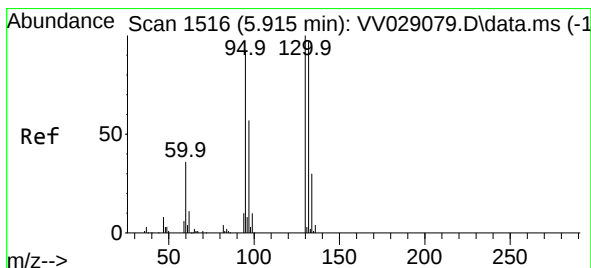
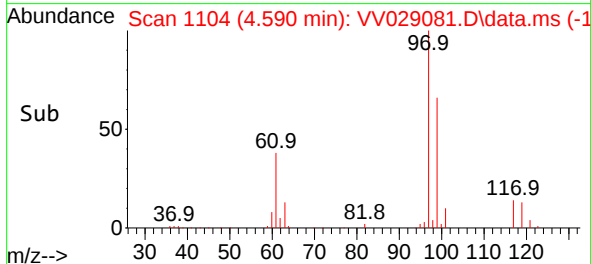
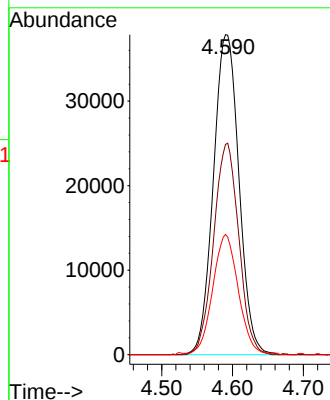
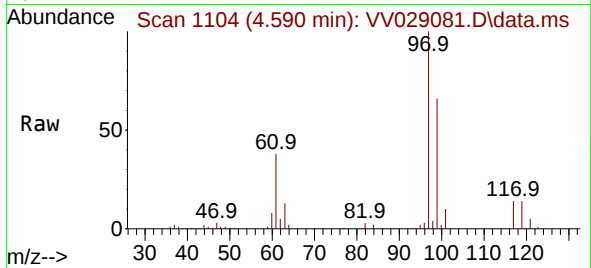




#29
1,1,1-Trichloroethane
Concen: 3.883 ug/L
RT: 4.590 min Scan# 1109
Delta R.T. -0.016 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

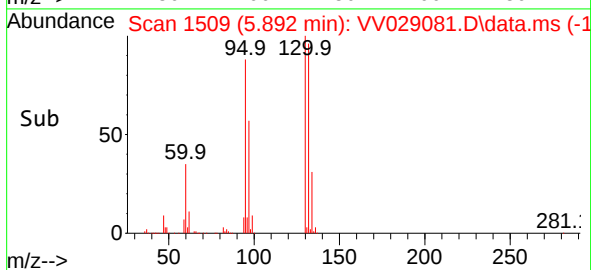
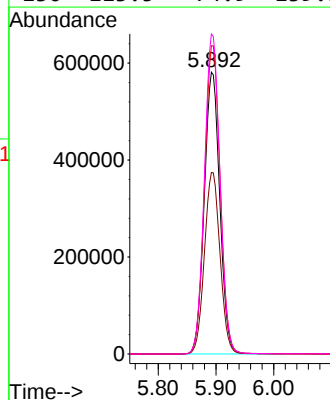
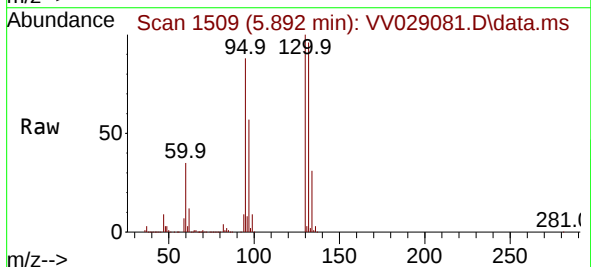
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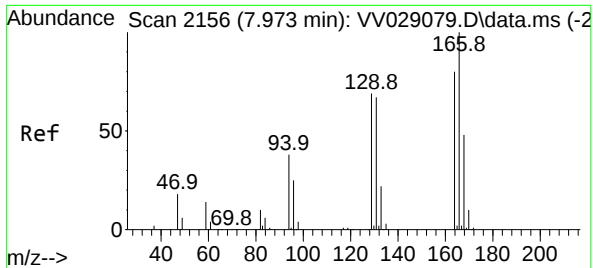
Tgt Ion:	97	Resp:	95042
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.7	79.1
61	36.5	33.8	50.6



#34
Trichloroethene
Concen: 66.368 ug/L
RT: 5.892 min Scan# 1509
Delta R.T. -0.023 min
Lab File: VV029081.D
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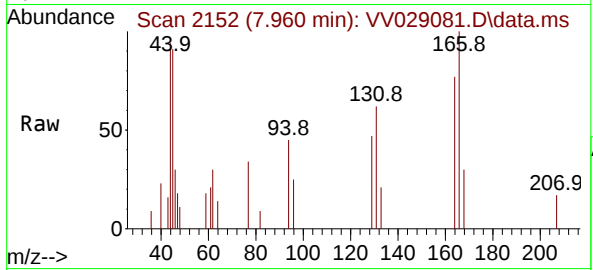
Tgt Ion:	95	Resp:	1083036
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.8
132	109.4	69.1	128.3
130	113.5	74.9	139.1





#47
 Tetrachloroethene
 Concen: 0.093 ug/L
 RT: 7.960 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VV029081.D
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 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	1213
Ion	Ratio	Lower	Upper
164	100		
129	60.3	63.9	118.7#
131	80.7	61.8	114.8
166	129.6	90.2	167.4

