

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027311.D
 Acq On : 12 Aug 2022 05:36
 Operator : SY/MD
 Sample : N4162-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGBX2

Quant Time: Aug 12 06:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

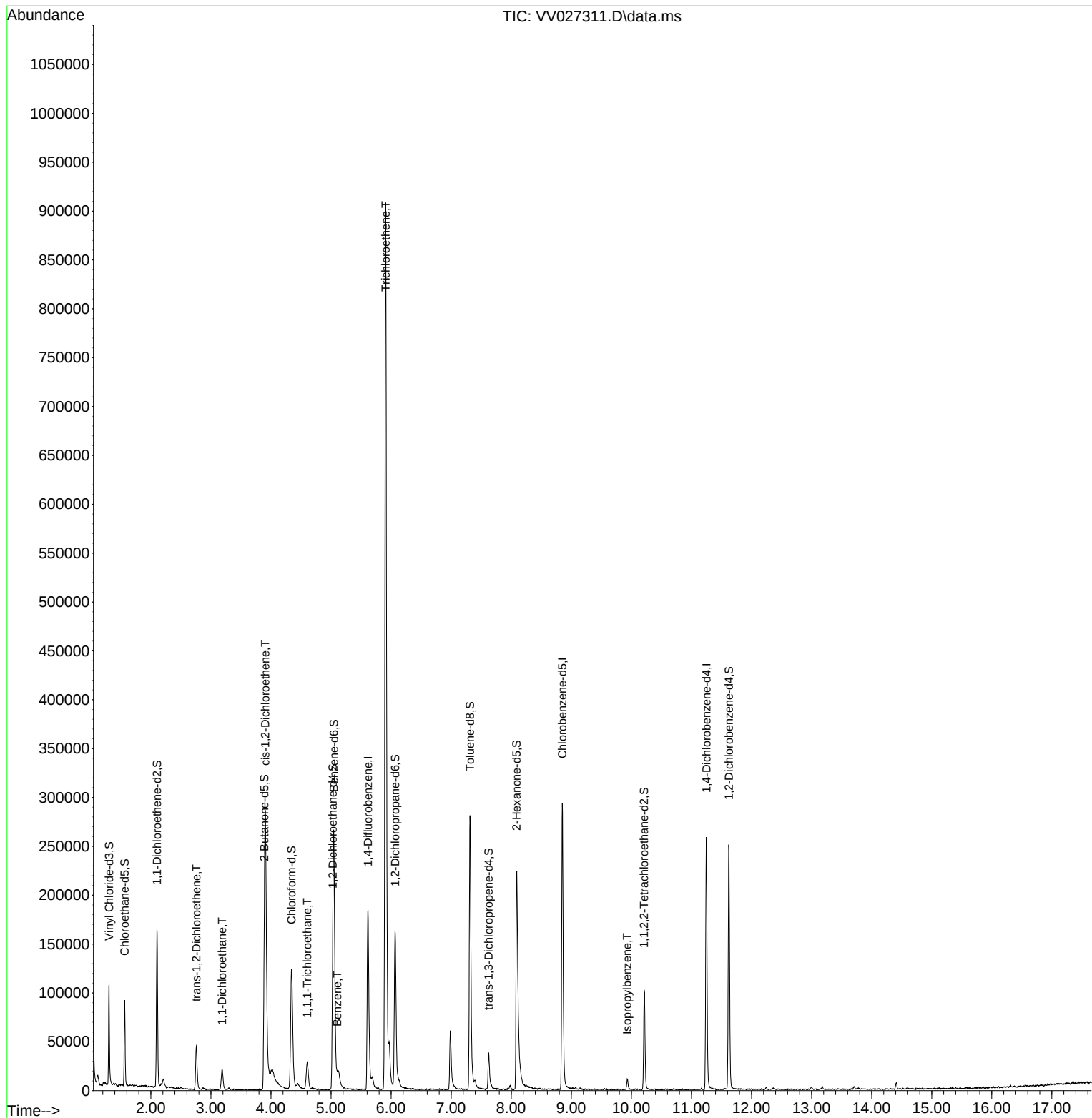
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149662	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69785	5.367	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.400%	
7) Chloroethane-d5	1.564	69	51730	5.478	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.600%	
11) 1,1-Dichloroethene-d2	2.101	63	86472	3.667	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	3.889	46	85832	38.978	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.960%	
24) Chloroform-d	4.342	84	125574	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.400%	
26) 1,2-Dichloroethane-d4	5.027	65	59174	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.047	84	234427	4.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.066	67	80201	5.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.313	98	196519	4.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22293	4.292	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.088	63	83724	41.654	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48679	4.488	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62615	5.493	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
18) trans-1,2-Dichloroethene	2.757	96	16994	1.282	ug/L	98
19) 1,1-Dichloroethane	3.185	63	21561	0.850	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	140434	10.773	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	22026	0.952	ug/L	97
33) Benzene	5.104	78	7741	0.138	ug/L	100
34) Trichloroethene	5.908	95	312432	22.339	ug/L	99
60) Isopropylbenzene	9.931	105	6484	0.156	ug/L #	94

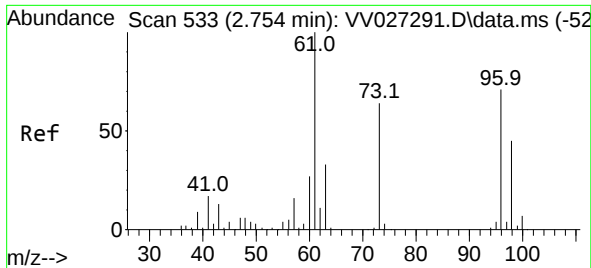
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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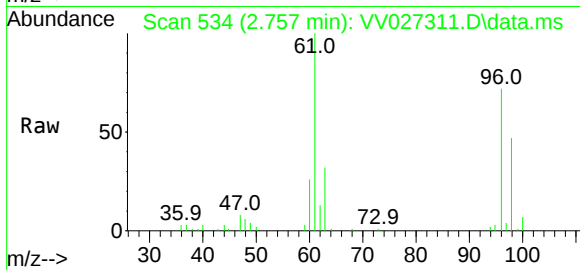
Quant Time: Aug 12 06:45:17 2022
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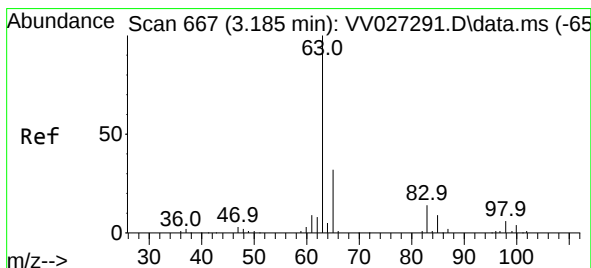
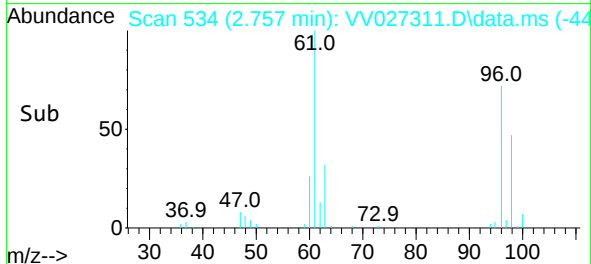
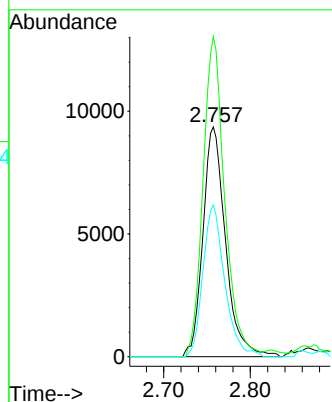


#18
trans-1,2-Dichloroethene
Concen: 1.282 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Instrument :
MSVOA_V
ClientSampleId :
BGBX2

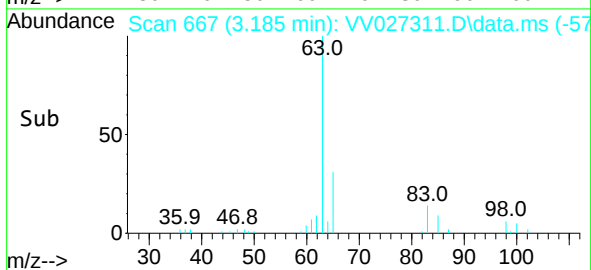
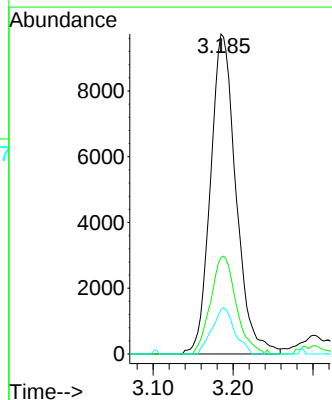
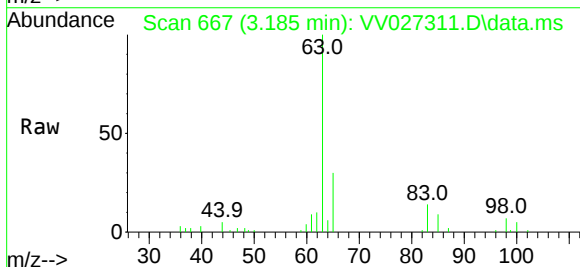


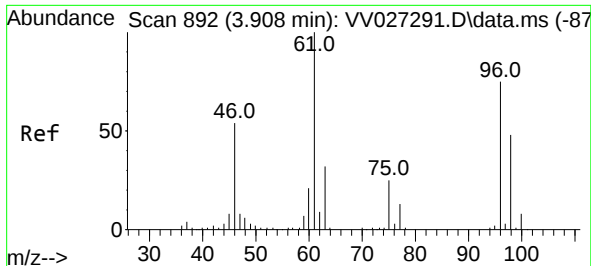
Tgt Ion:	96	Resp:	16994
Ion	Ratio	Lower	Upper
96	100		
61	139.2	99.6	185.0
98	66.0	45.1	83.7



#19
1,1-Dichloroethane
Concen: 0.850 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Tgt Ion:	63	Resp:	21561
Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.6	40.2
83	13.9	9.3	17.3





#22

cis-1,2-Dichloroethene

Concen: 10.773 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

Instrument :

MSVOA_V

ClientSampleId :

BGBX2

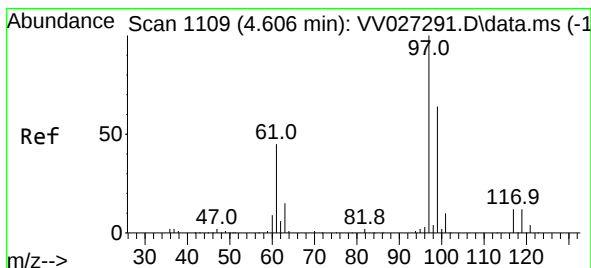
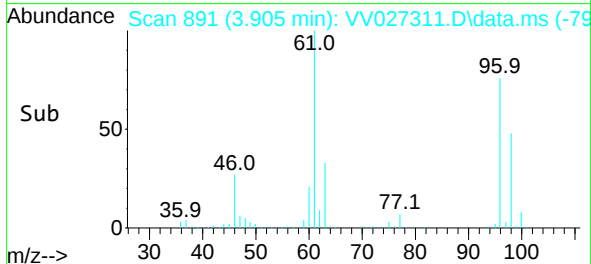
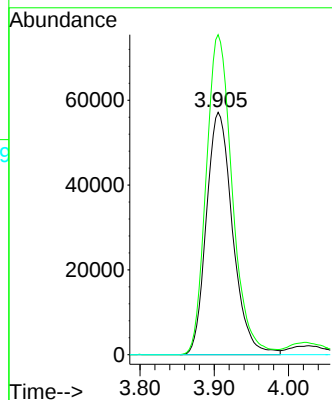
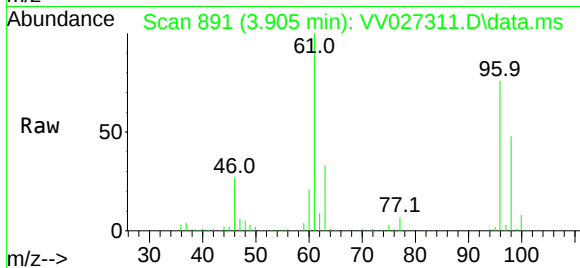
Tgt Ion: 96 Resp: 140434

Ion Ratio Lower Upper

96 100

61 132.0 91.3 169.5

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.952 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

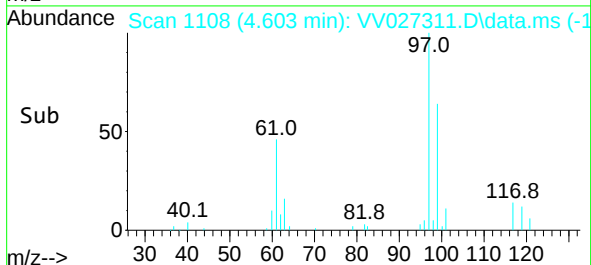
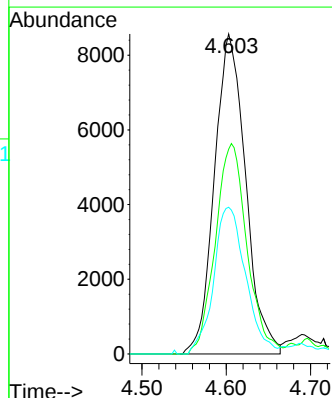
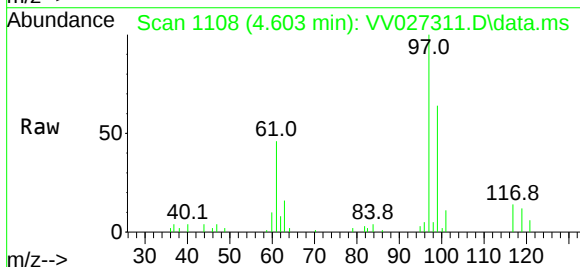
Tgt Ion: 97 Resp: 22026

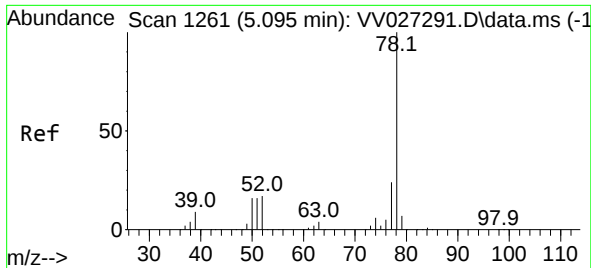
Ion Ratio Lower Upper

97 100

99 66.8 50.8 76.2

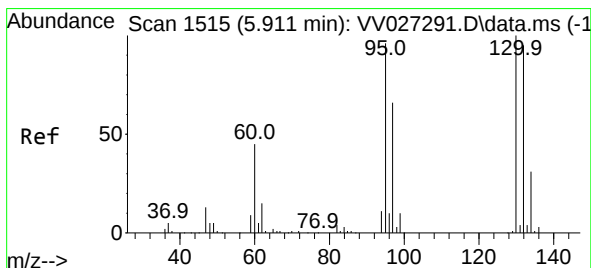
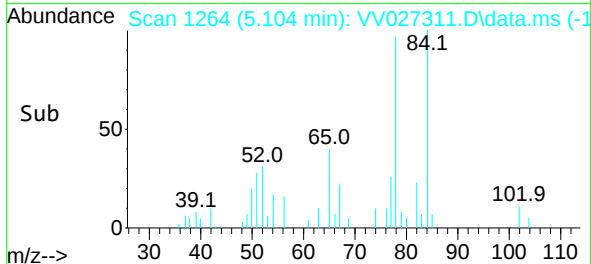
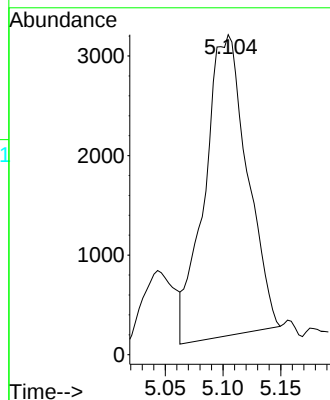
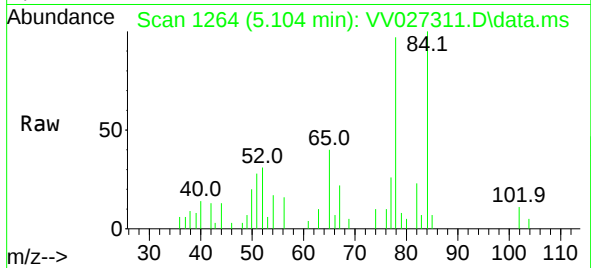
61 46.9 36.5 54.7





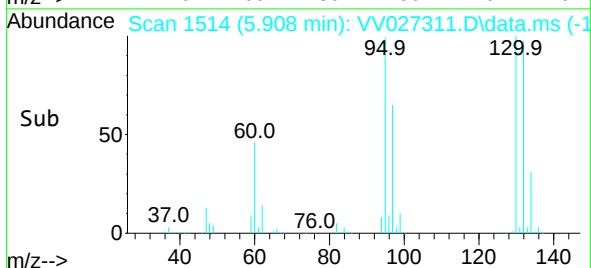
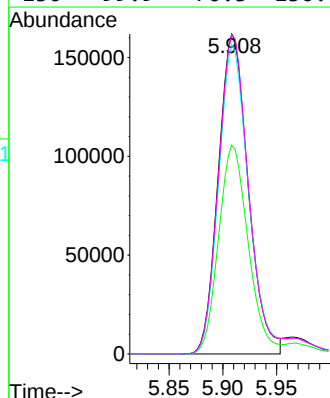
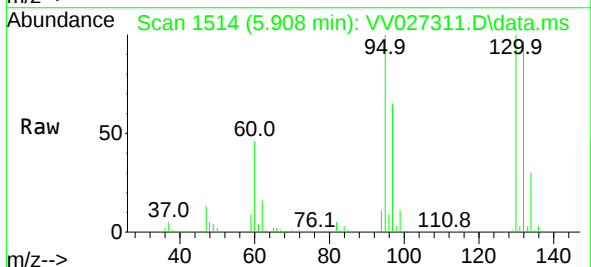
#33
Benzene
Concen: 0.138 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36
Tgt Ion: 78 Resp: 7741

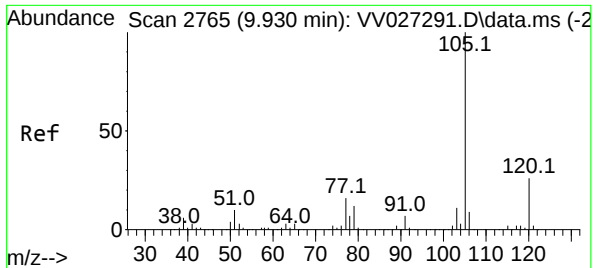
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#34
Trichloroethene
Concen: 22.339 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Tgt Ion: 95 Resp: 312432
Ion Ratio Lower Upper
95 100
97 65.2 45.5 84.5
132 96.8 68.2 126.6
130 99.9 70.3 130.7





#60
 Isopropylbenzene
 Concen: 0.156 ug/L
 RT: 9.931 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027311.D
 Acq: 12 Aug 2022 05:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BGBX2

Tgt Ion:	105	Resp:	6484
Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.4
77	21.0	13.2	19.8#

