

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030727.D
 Acq On : 20 Apr 2023 19:19
 Operator : SY/MD
 Sample : 02411-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Apr 21 00:20:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

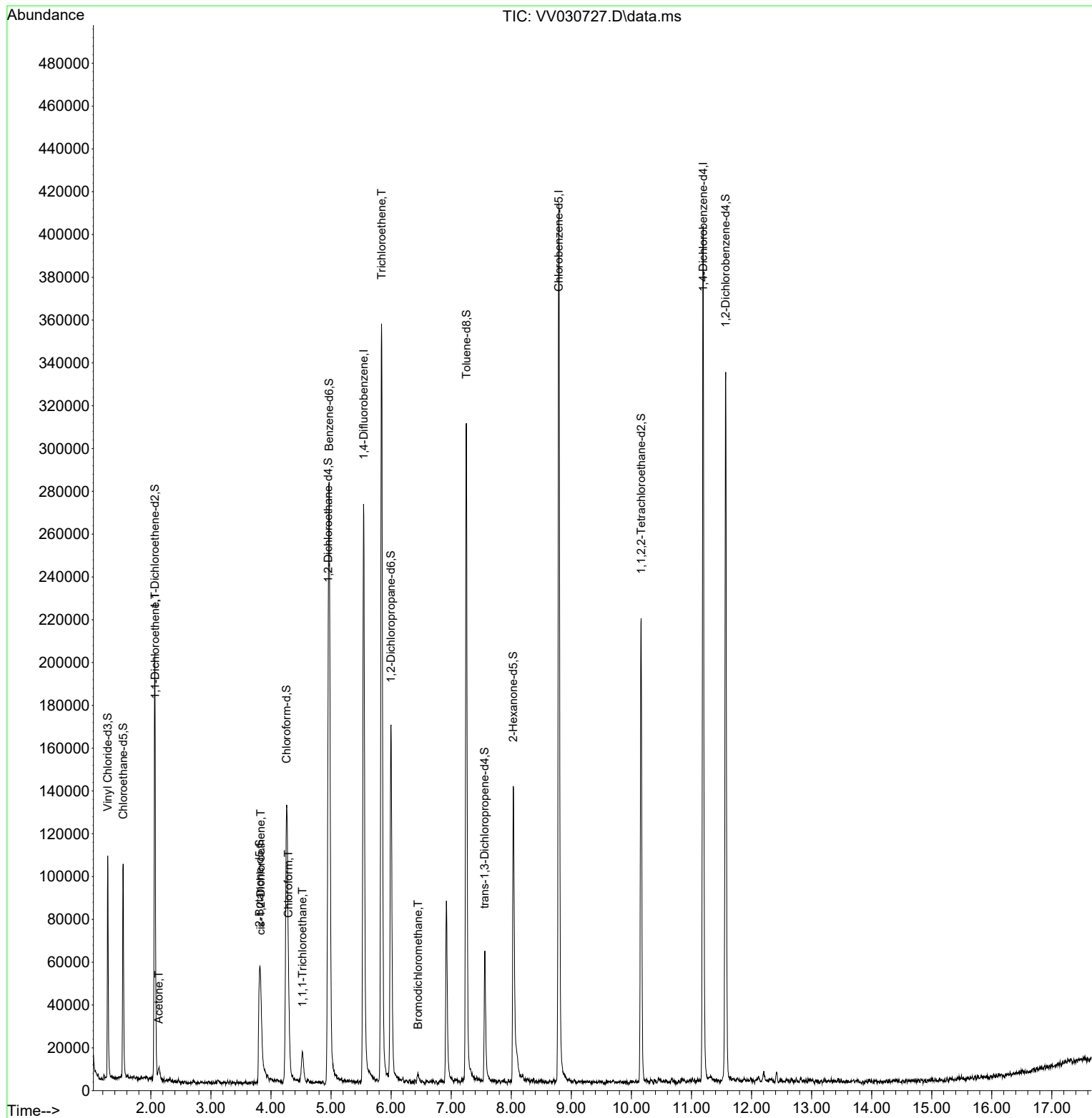
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	224971	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	222751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	106060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68020	41.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.480%
7) Chloroethane-d5	1.539	69	59071	42.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	2.066	65	32413	41.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	3.809	46	74354	82.083	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.080%
24) Chloroform-d	4.259	84	125993	42.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.320%
26) 1,2-Dichloroethane-d4	4.953	65	89346	46.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
32) Benzene-d6	4.970	84	227647	43.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.460%
36) 1,2-Dichloropropane-d6	5.995	67	70584	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.300%
41) Toluene-d8	7.252	98	205079	41.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.940%
43) trans-1,3-Dichloroprop...	7.558	79	33717	40.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.780%
47) 2-Hexanone-d5	8.034	63	47909	74.341	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.340%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	95829	40.370	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.740%
66) 1,2-Dichlorobenzene-d4	11.571	152	83367	49.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	2321	1.473	ug/L	# 1
13) Acetone	2.134	43	6450	4.602	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	12624	7.297	ug/L	92
25) Chloroform	4.291	83	32393	9.653	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	10929	3.492	ug/L	94
34) Trichloroethene	5.841	95	116978	66.486	ug/L	97
38) Bromodichloromethane	6.449	83	2678	1.047	ug/L	90

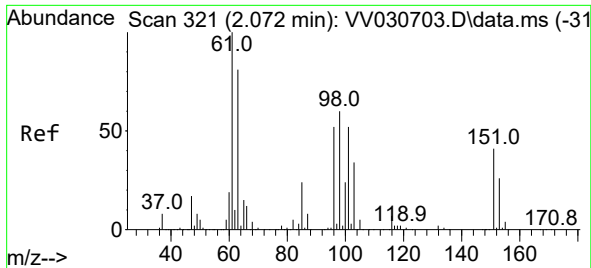
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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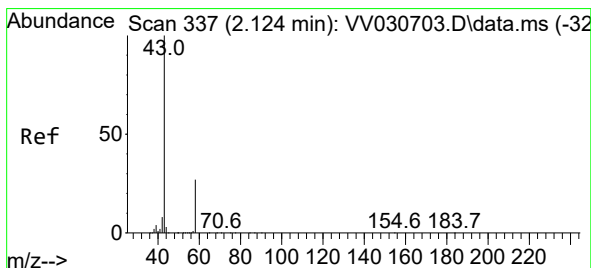
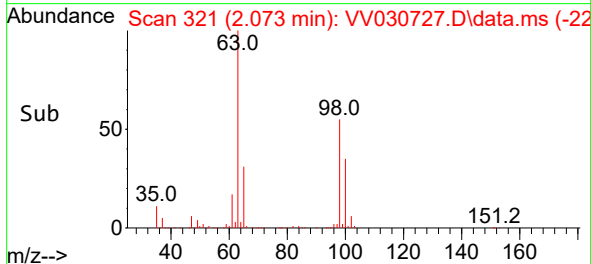
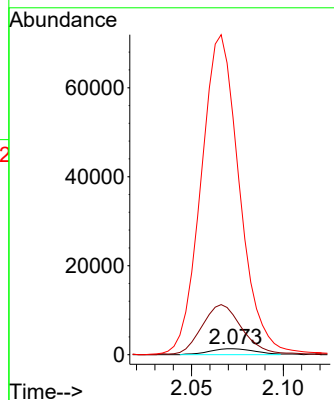
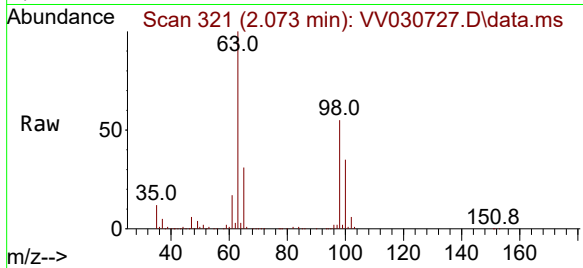




#12
1,1-Dichloroethene
Concen: 1.473 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

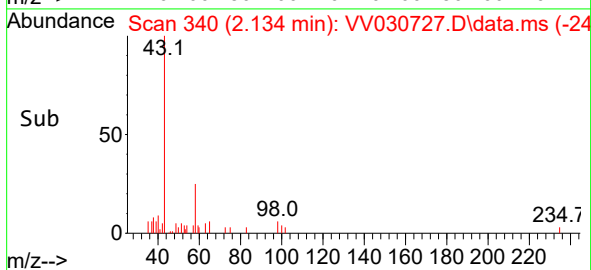
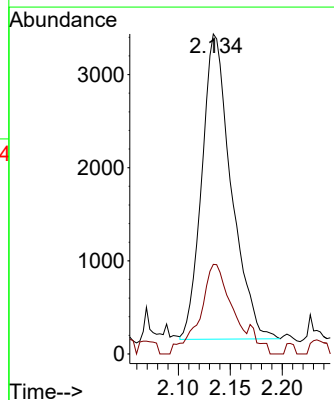
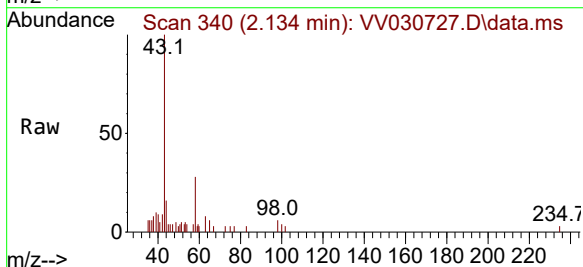
Instrument :
MSVOA_V
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C0AQ6

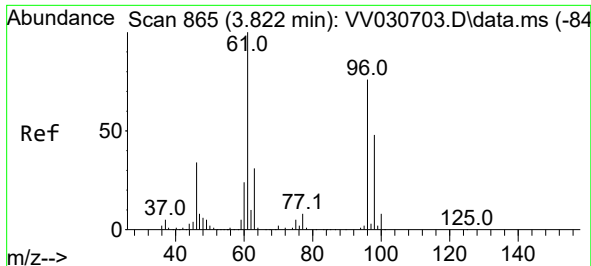
Tgt Ion: 96 Resp: 2321
Ion Ratio Lower Upper
96 100
61 677.3 131.9 245.0#
63 4018.1 99.8 185.3#



#13
Acetone
Concen: 4.602 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.010 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

Tgt Ion: 43 Resp: 6450
Ion Ratio Lower Upper
43 100
58 24.9 0.0 52.8

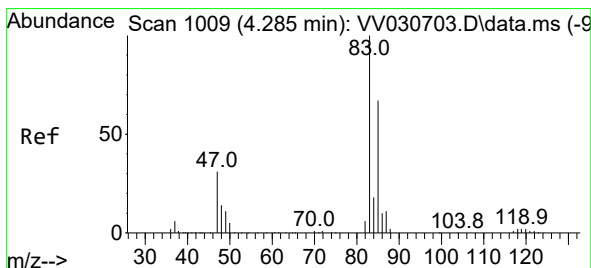
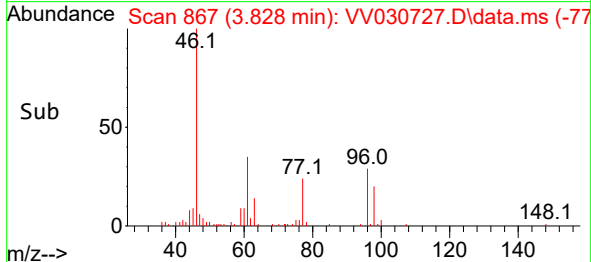
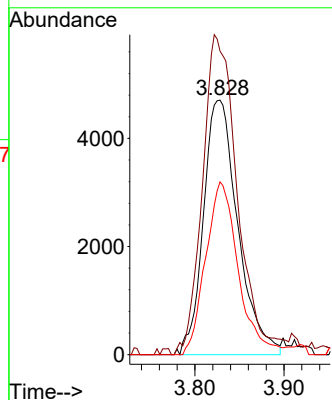
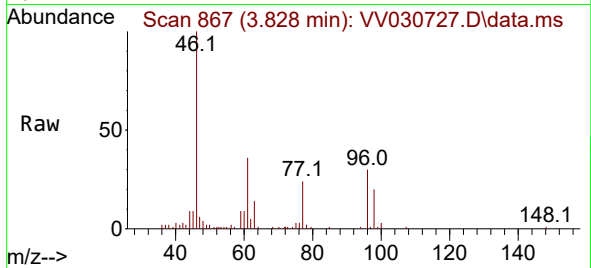




#20
cis-1,2-Dichloroethene
Concen: 7.297 ug/L
RT: 3.828 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

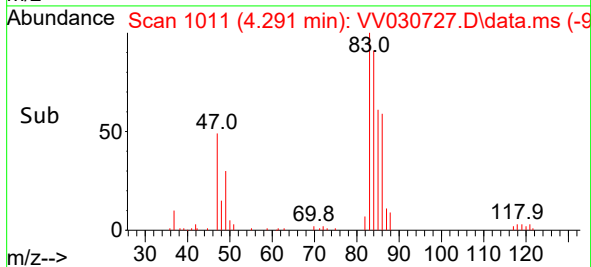
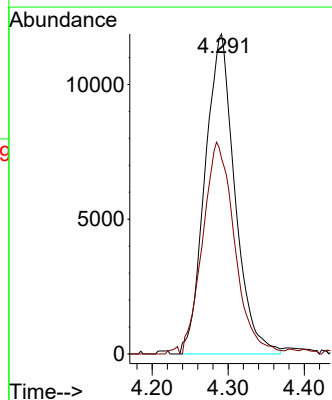
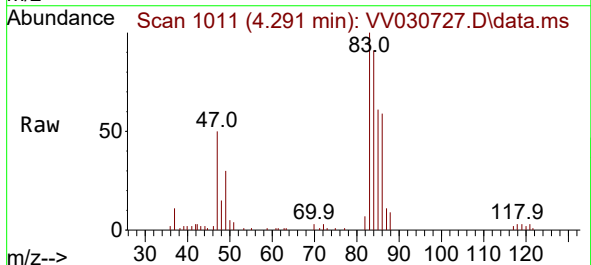
Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

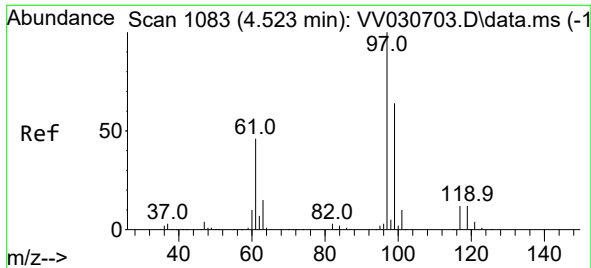
Tgt Ion: 96 Resp: 12624
Ion Ratio Lower Upper
96 100
61 119.2 92.3 171.3
98 67.9 45.9 85.3



#25
Chloroform
Concen: 9.653 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.007 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

Tgt Ion: 83 Resp: 32393
Ion Ratio Lower Upper
83 100
85 61.2 45.8 85.2

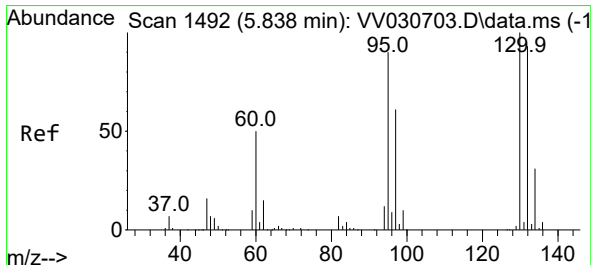
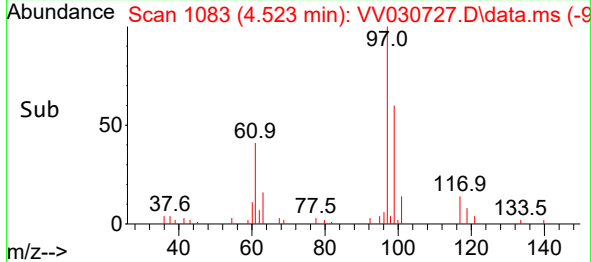
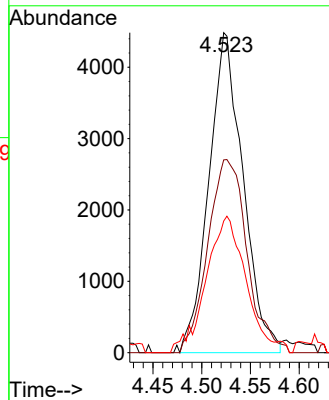
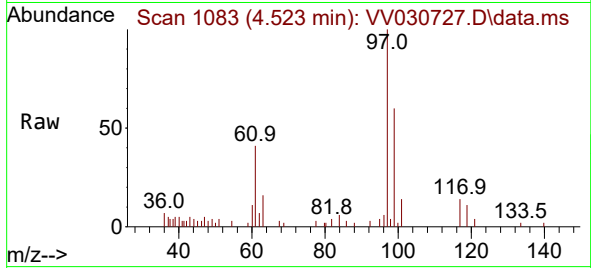




#30
1,1,1-Trichloroethane
Concen: 3.492 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

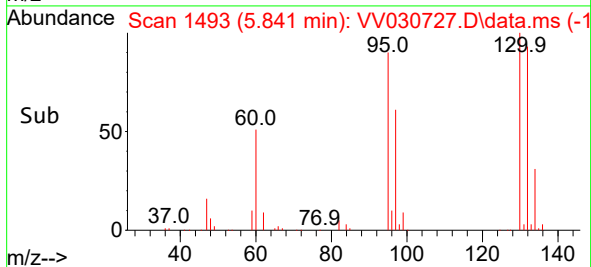
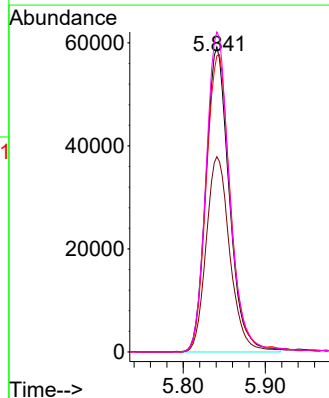
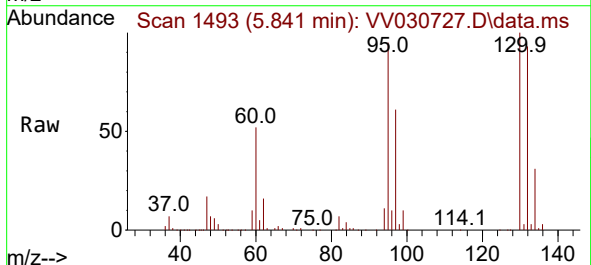
Instrument :
MSVOA_V
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C0AQ6

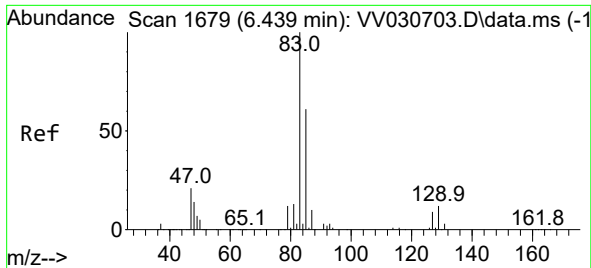
Tgt Ion:	97	Resp:	10929
Ion	Ratio	Lower	Upper
97	100		
99	69.2	51.4	77.0
61	42.0	37.0	55.6



#34
Trichloroethene
Concen: 66.486 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030727.D
Acq: 20 Apr 2023 19:19

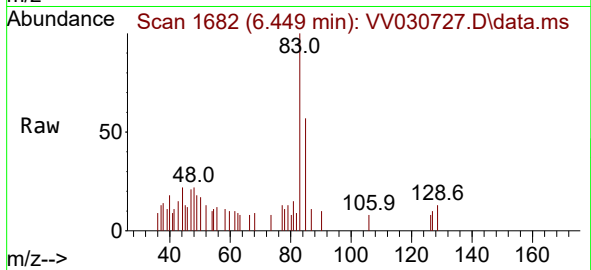
Tgt Ion:	95	Resp:	116978
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.8	85.2
132	97.1	70.6	131.2
130	104.9	70.9	131.7





#38
 Bromodichloromethane
 Concen: 1.047 ug/L
 RT: 6.449 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: VV030727.D
 Acq: 20 Apr 2023 19:19

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 83	Resp: 2678
Ion Ratio	Lower Upper
83 100	
85 56.6	45.4 84.4
127 10.4	7.0 10.4

