

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031351.D
 Acq On : 05 Jun 2023 16:50
 Operator : SY/MD
 Sample : 02990-05 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C30

Quant Time: Jun 06 02:09:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

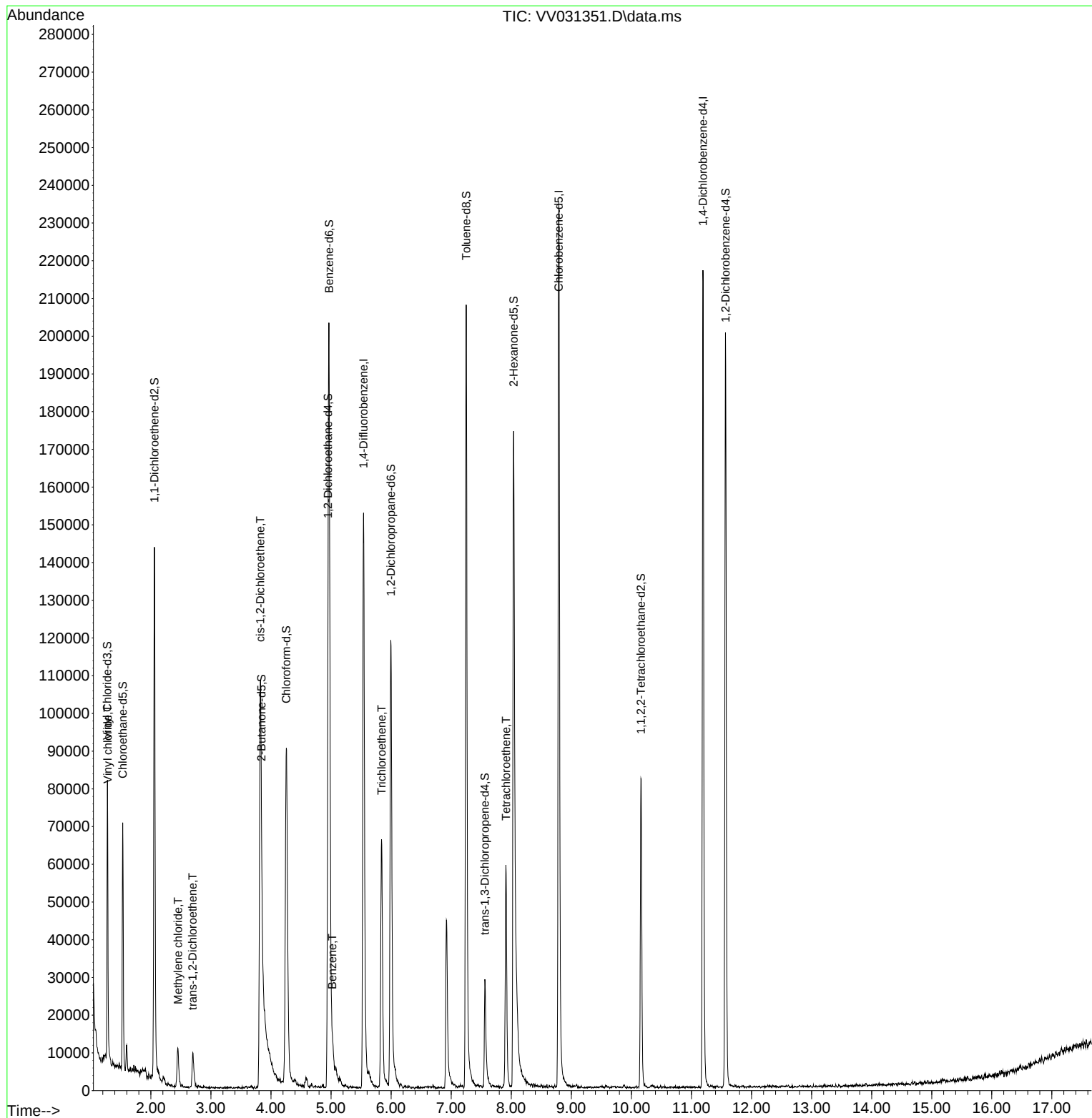
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	129620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	45909	3.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.532	69	41987	3.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.060	65	24521	3.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.841	46	102254	34.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.720%
24) Chloroform-d	4.256	84	100041	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.950	65	52054	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.966	84	170640	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.995	67	60129	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.249	98	141499	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	17431	3.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.040	63	69469	35.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.380%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41100	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	51700	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	3854	0.232	ug/L	# 66
16) Methylene chloride	2.452	84	3517	0.249	ug/L	88
18) trans-1,2-Dichloroethene	2.696	96	1920	0.174	ug/L	86
22) cis-1,2-Dichloroethene	3.822	96	47345	4.233	ug/L	98
33) Benzene	5.021	78	6182	0.134	ug/L	100
34) Trichloroethene	5.841	95	24458	1.963	ug/L	95
47) Tetrachloroethene	7.912	164	13592	1.400	ug/L	94

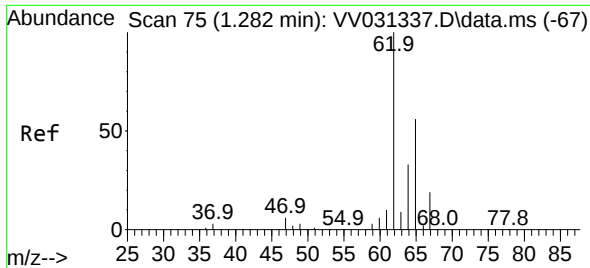
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 06 02:05:53 2023
Response via : Initial Calibration

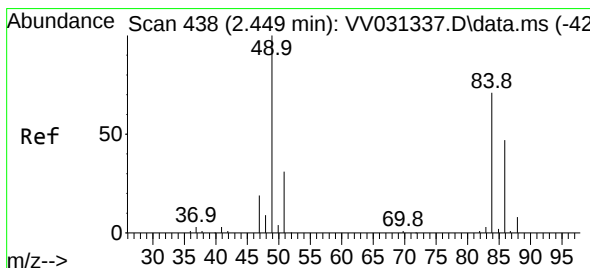
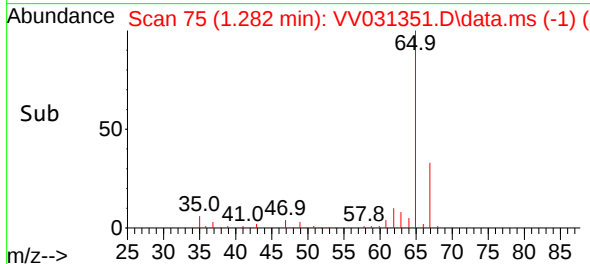
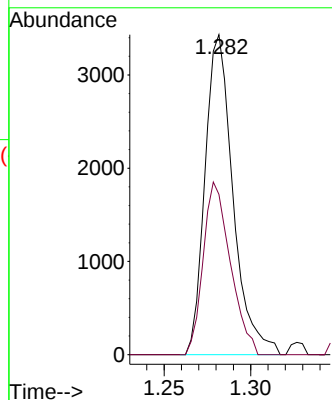
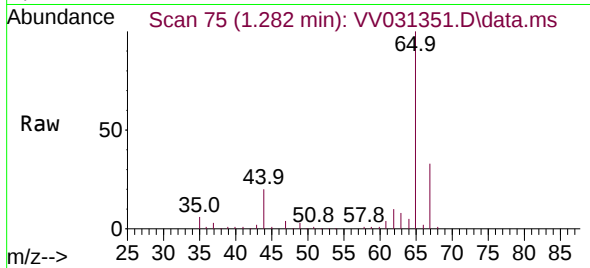




#5
 Vinyl chloride
 Concen: 0.232 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

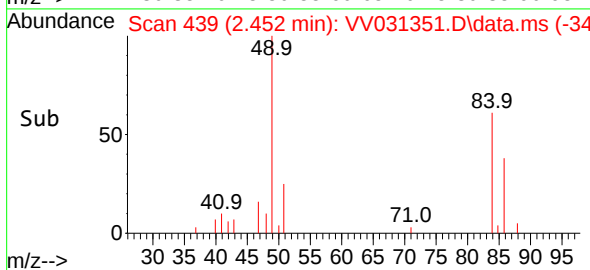
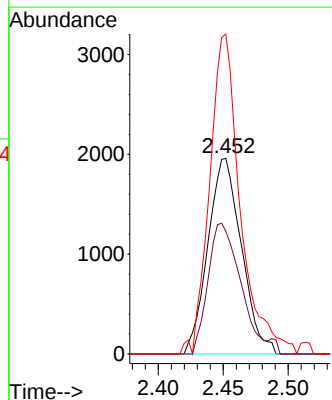
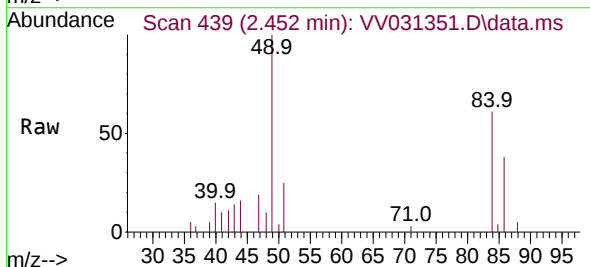
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C30

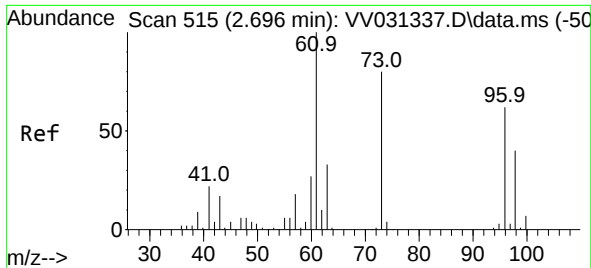
Tgt Ion: 62 Resp: 3854
 Ion Ratio Lower Upper
 62 100
 64 50.1 22.0 40.8#



#16
 Methylene chloride
 Concen: 0.249 ug/L
 RT: 2.452 min Scan# 439
 Delta R.T. 0.003 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

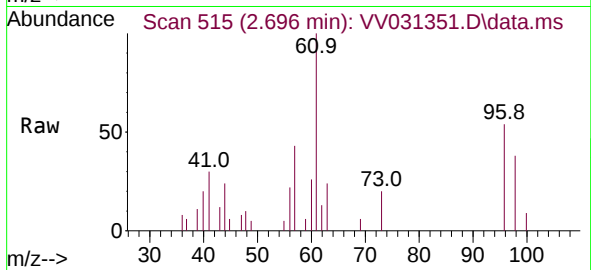
Tgt Ion: 84 Resp: 3517
 Ion Ratio Lower Upper
 84 100
 86 62.7 46.7 86.7
 49 163.5 101.6 188.8





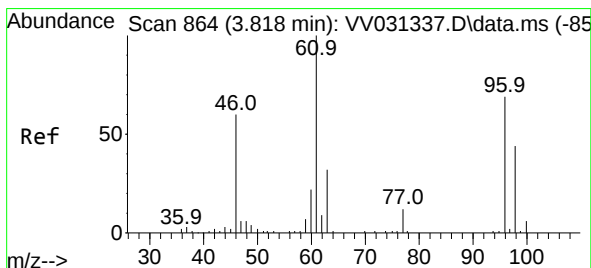
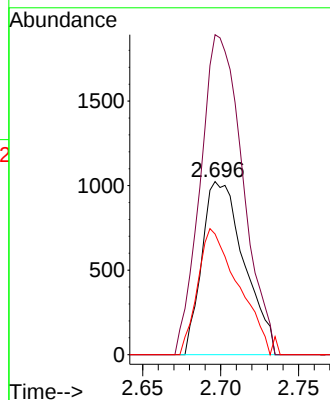
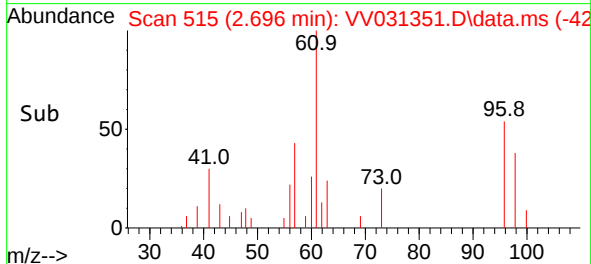
#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Instrument :
MSVOA_V
ClientSampleId :
F6C30



Tgt Ion: 96 Resp: 1920

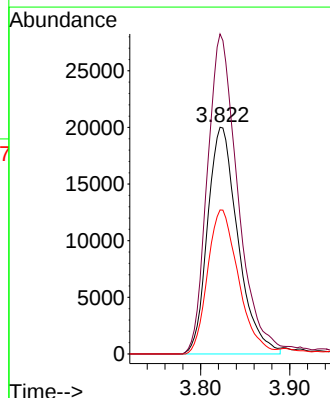
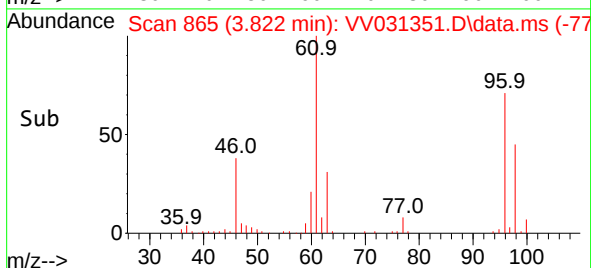
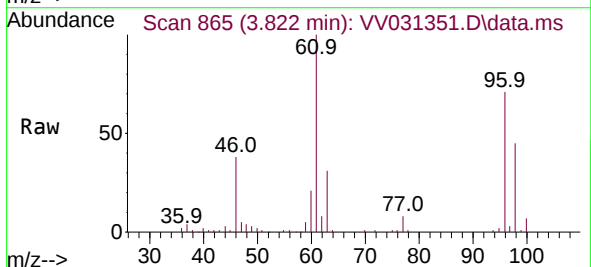
Ion	Ratio	Lower	Upper
96	100		
61	184.9	114.2	212.0
98	69.7	45.0	83.6

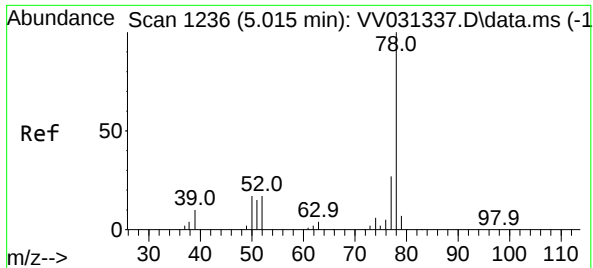


#22
cis-1,2-Dichloroethene
Concen: 4.233 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Tgt Ion: 96 Resp: 47345

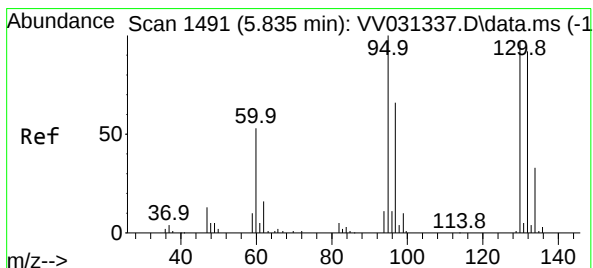
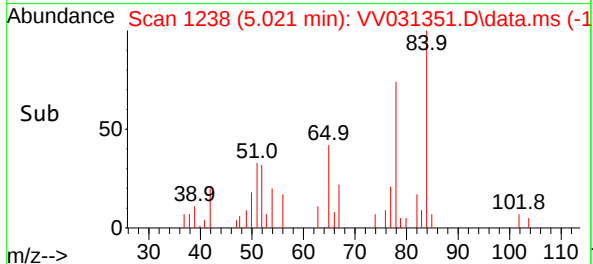
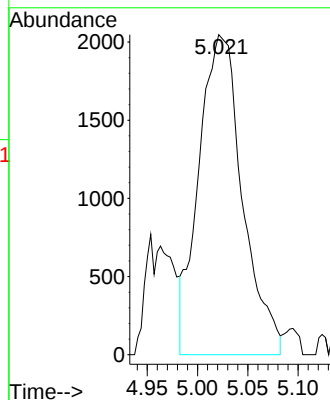
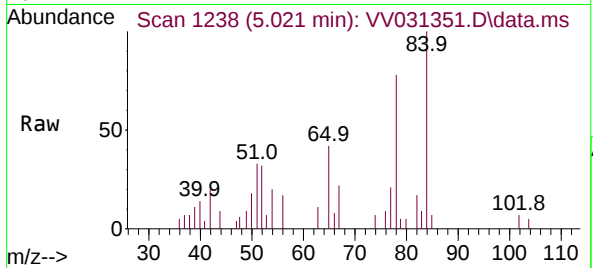
Ion	Ratio	Lower	Upper
96	100		
61	141.1	100.8	187.2
98	63.5	45.1	83.9





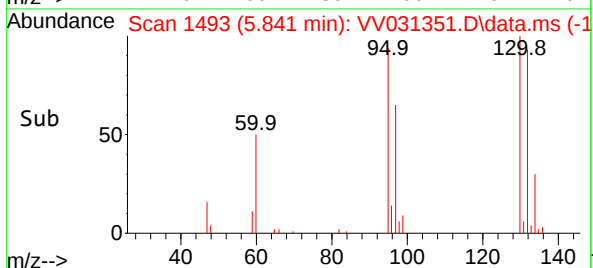
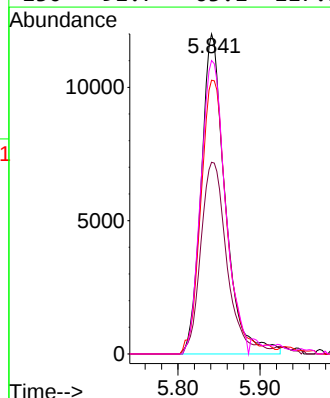
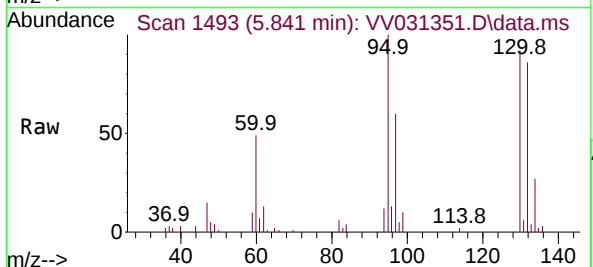
#33
Benzene
Concen: 0.134 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50
Tgt Ion: 78 Resp: 6182

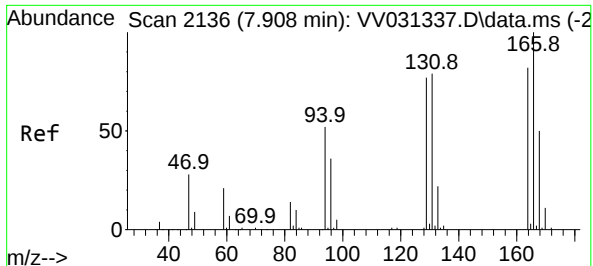
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#34
Trichloroethene
Concen: 1.963 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV031351.D
Acq: 05 Jun 2023 16:50

Tgt Ion: 95 Resp: 24458
Ion Ratio Lower Upper
95 100
97 59.9 46.1 85.5
132 85.6 64.5 119.9
130 91.7 63.1 117.1





#47
 Tetrachloroethene
 Concen: 1.400 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031351.D
 Acq: 05 Jun 2023 16:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C30

Tgt Ion:164	Resp:	13592
Ion	Ratio	Lower Upper
164	100	
129	100.9	66.0 122.6
131	84.1	65.3 121.3
166	130.8	90.1 167.3

