

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031119.D
 Acq On : 19 May 2023 20:13
 Operator : SY/MD
 Sample : 02866-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX88

Quant Time: May 20 00:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

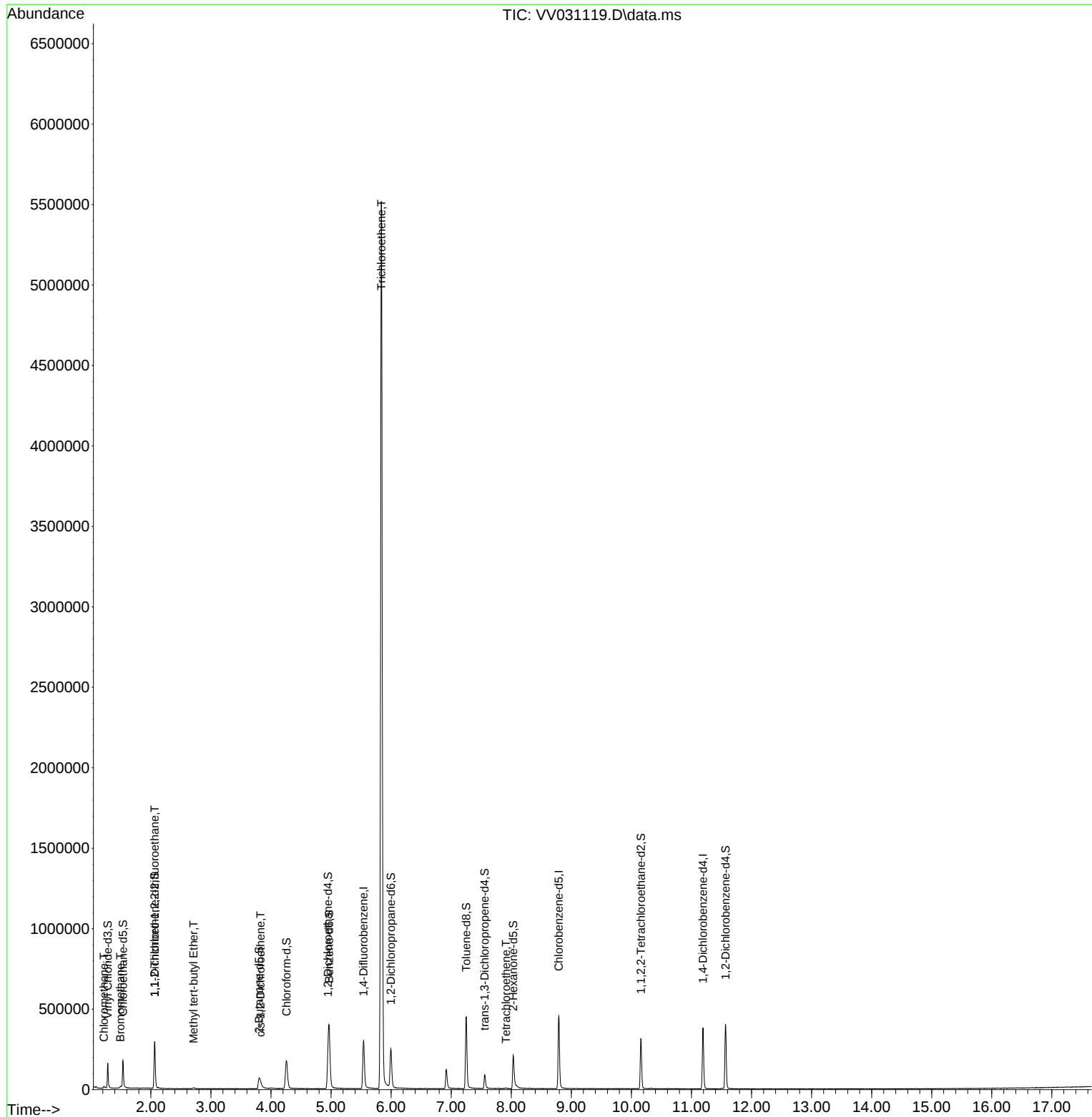
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	251045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	239670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	103279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	98912	46.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.200%
7) Chloroethane-d5	1.535	69	96063	58.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.240%
11) 1,1-Dichloroethene-d2	2.063	65	47202	46.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
21) 2-Butanone-d5	3.802	46	100717	88.100	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.100%
24) Chloroform-d	4.259	84	183156	48.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	4.950	65	128805	50.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
32) Benzene-d6	4.969	84	327644	50.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
36) 1,2-Dichloropropane-d6	5.995	67	103324	53.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.300%
41) Toluene-d8	7.249	98	289681	47.770	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
43) trans-1,3-Dichloroprop...	7.558	79	48360	49.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.160%
47) 2-Hexanone-d5	8.034	63	68305	90.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	134522	46.136	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	11.567	152	101281	54.572	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	11348	6.396	ug/L	96
6) Bromomethane	1.494	94	3191	3.593	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1653	1.006	ug/L #	23
18) Methyl tert-butyl Ether	2.709	73	2678	0.538	ug/L #	72
20) cis-1,2-Dichloroethene	3.828	96	10522	6.620	ug/L	94
34) Trichloroethene	5.838	95	1763428	1146.199	ug/L	98
46) Tetrachloroethene	7.911	164	894	0.677	ug/L	81

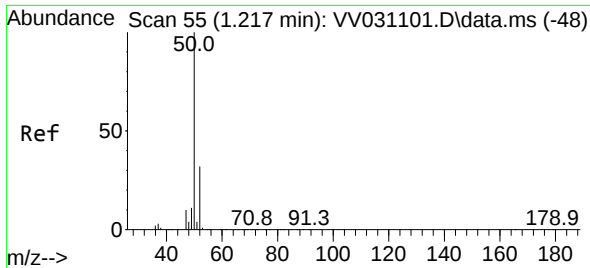
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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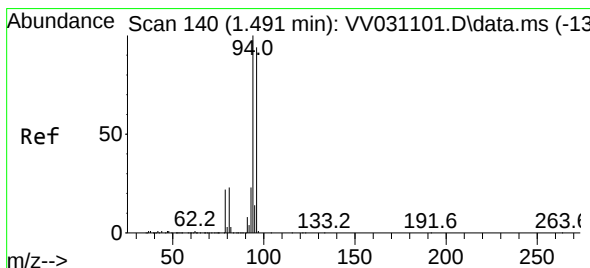
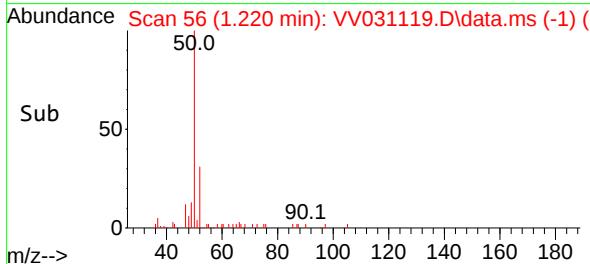
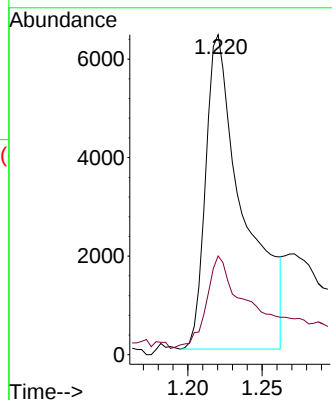
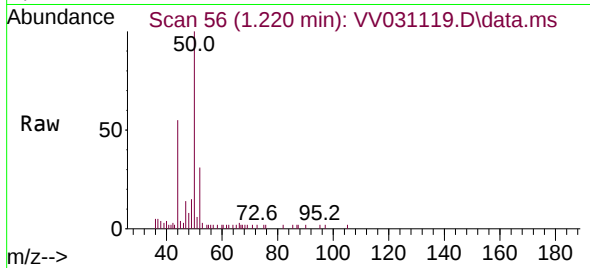




#3
Chloromethane
Concen: 6.396 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031119.D
Acq: 19 May 2023 20:13

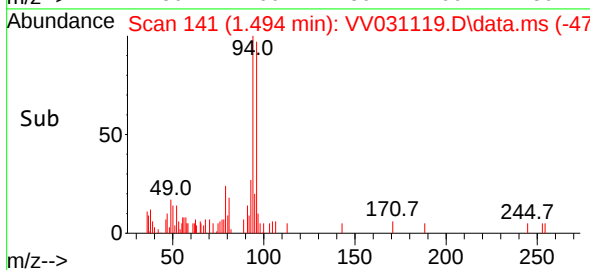
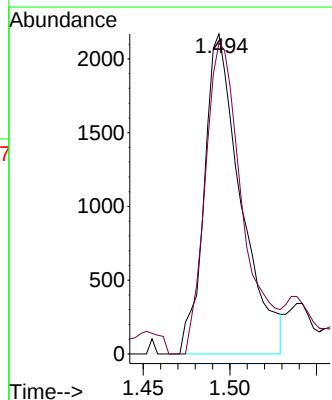
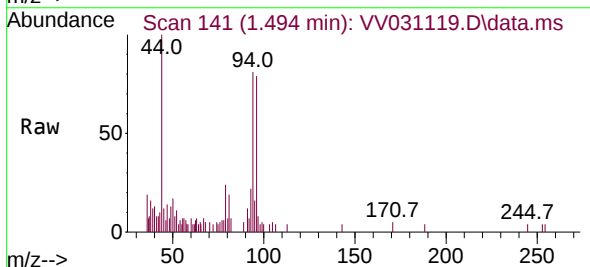
Instrument :
MSVOA_V
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GBX88

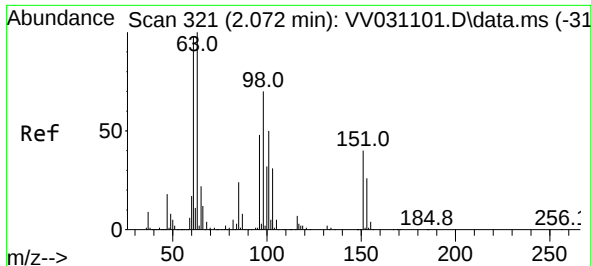
Tgt Ion: 50 Resp: 11348
Ion Ratio Lower Upper
50 100
52 30.9 23.3 43.3



#6
Bromomethane
Concen: 3.593 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031119.D
Acq: 19 May 2023 20:13

Tgt Ion: 94 Resp: 3191
Ion Ratio Lower Upper
94 100
96 97.1 63.9 118.7

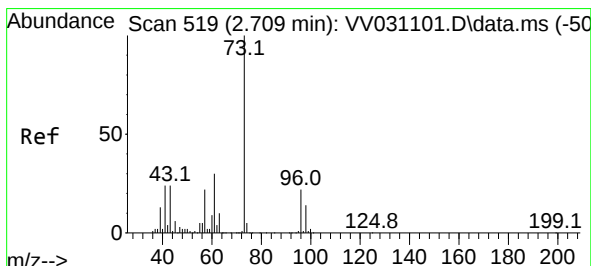
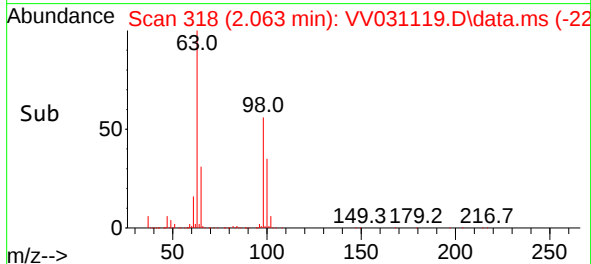
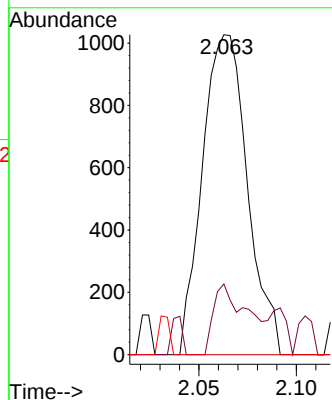
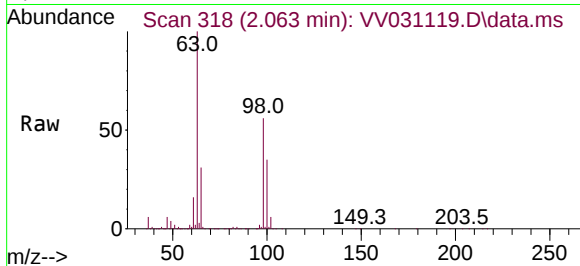




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.006 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV031119.D
Acq: 19 May 2023 20:13

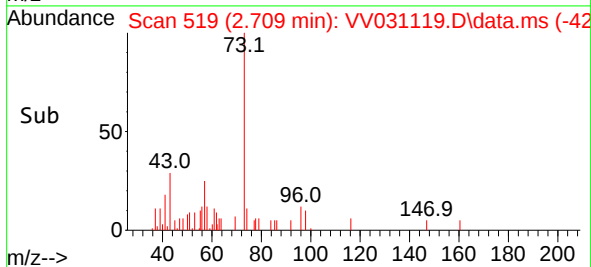
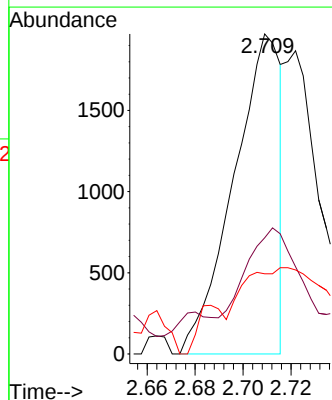
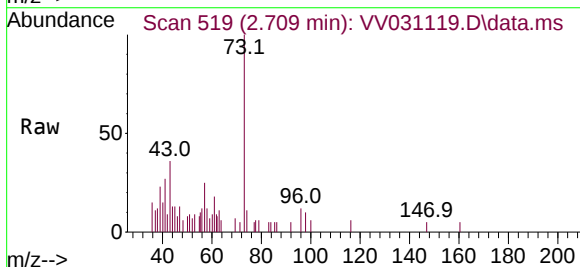
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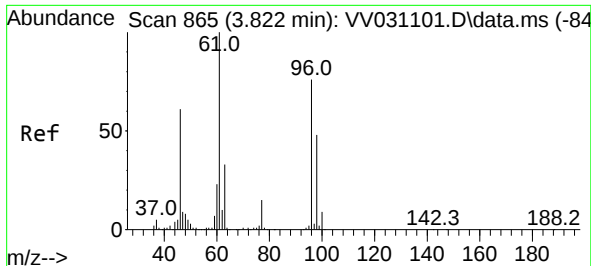
Tgt Ion:101 Resp: 1653
Ion Ratio Lower Upper
101 100
85 9.9 38.0 57.0#
151 0.0 61.7 92.5#



#18
Methyl tert-butyl Ether
Concen: 0.538 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031119.D
Acq: 19 May 2023 20:13

Tgt Ion: 73 Resp: 2678
Ion Ratio Lower Upper
73 100
43 38.7 19.4 29.2#
57 8.4 17.1 25.7#

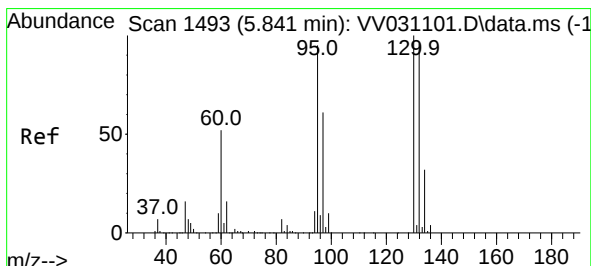
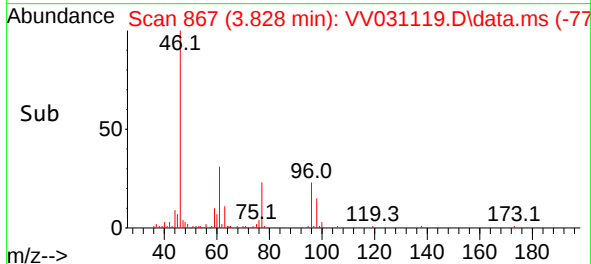
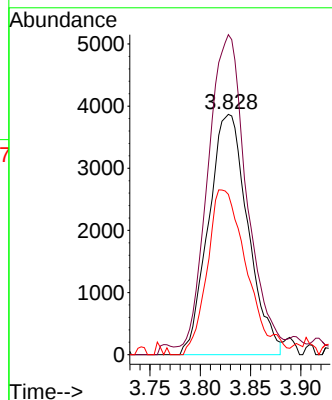
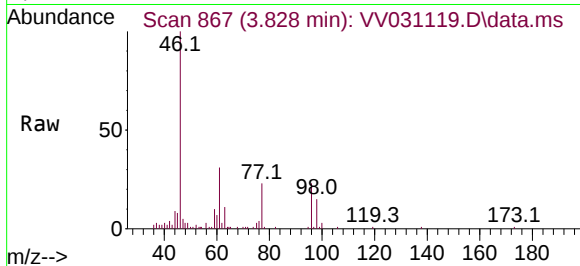




#20
 cis-1,2-Dichloroethene
 Concen: 6.620 ug/L
 RT: 3.828 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV031119.D
 Acq: 19 May 2023 20:13

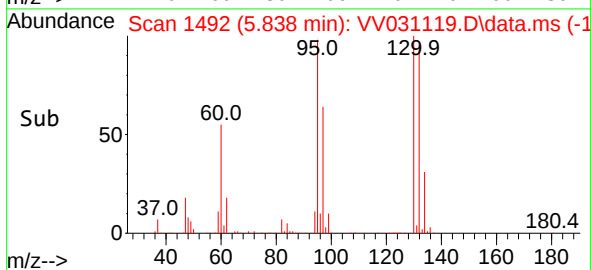
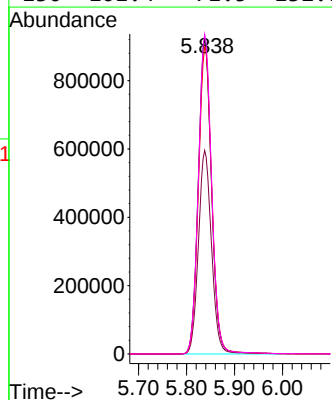
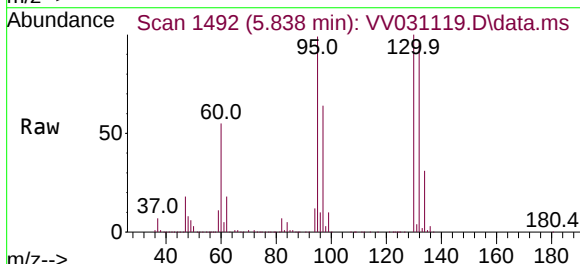
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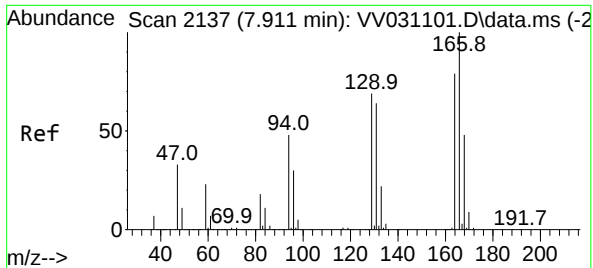
Tgt Ion: 96 Resp: 10522
 Ion Ratio Lower Upper
 96 100
 61 133.1 89.2 165.6
 98 66.7 43.0 80.0



#34
 Trichloroethene
 Concen: 1146.199 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
 Lab File: VV031119.D
 Acq: 19 May 2023 20:13

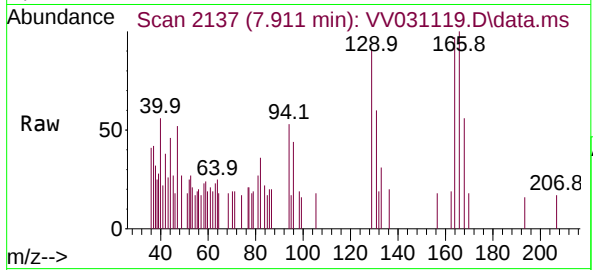
Tgt Ion: 95 Resp: 1763428
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.4 82.5
 132 97.3 70.2 130.4
 130 101.4 71.5 132.7





#46
 Tetrachloroethene
 Concen: 0.677 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031119.D
 Acq: 19 May 2023 20:13

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX88



Tgt Ion:	164	Resp:	894
Ion	Ratio	Lower	Upper
164	100		
129	94.6	65.5	121.7
131	62.6	62.1	115.3
166	103.6	93.4	173.4

