

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031570.D
 Acq On : 16 Jun 2023 12:51
 Operator : SY/MD
 Sample : 03254-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW4

Quant Time: Jun 17 02:28:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

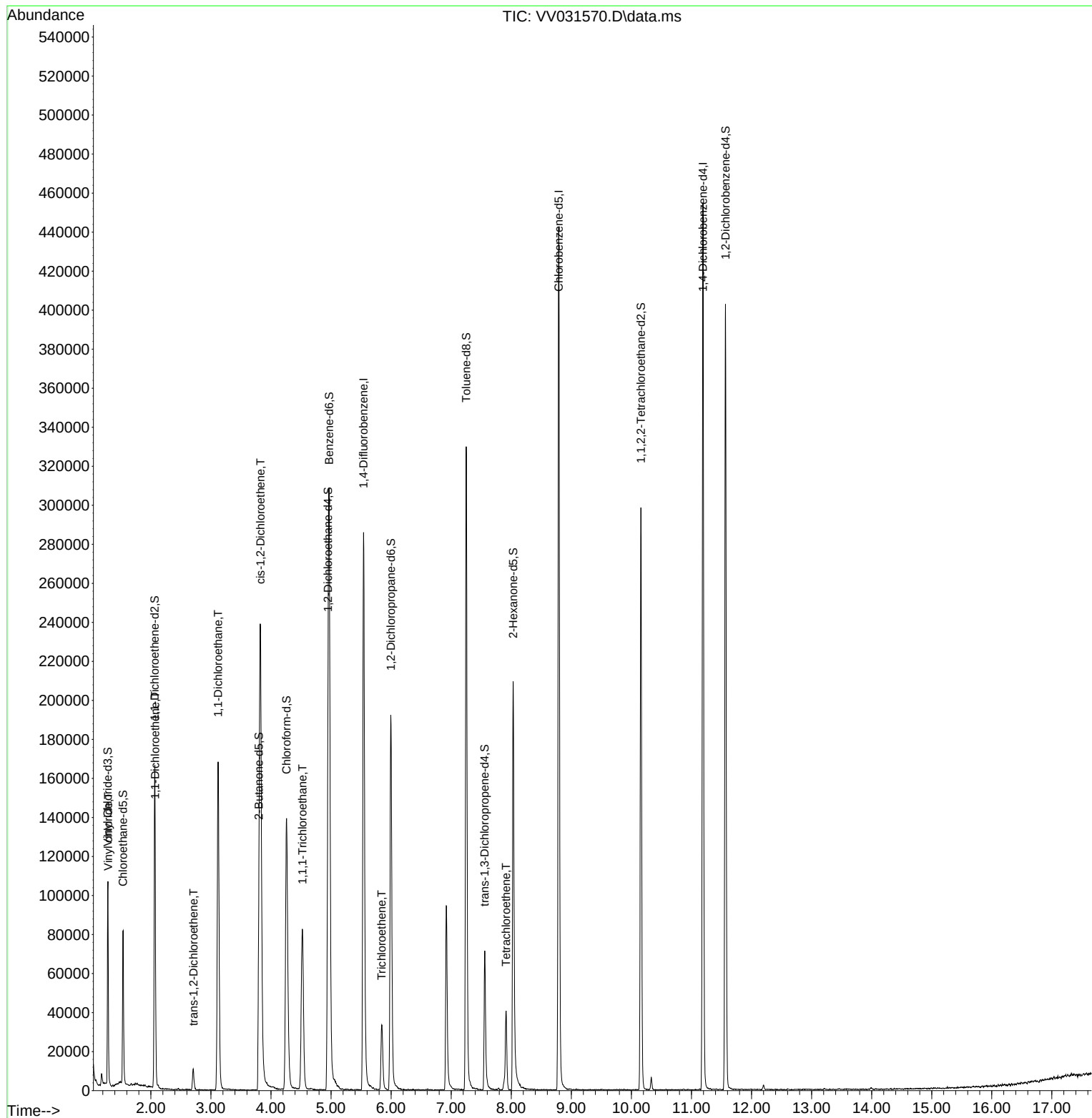
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235071	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	234592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	50980	32.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.180%		
7) Chloroethane-d5	1.536	69	51901	38.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.040%		
11) 1,1-Dichloroethene-d2	2.066	65	28271	35.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.120%		
21) 2-Butanone-d5	3.799	46	103750	81.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.900%		
24) Chloroform-d	4.259	84	150922	38.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.040%		
26) 1,2-Dichloroethane-d4	4.950	65	102567	41.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
32) Benzene-d6	4.969	84	267911	40.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.140%		
36) 1,2-Dichloropropane-d6	5.995	67	96428	41.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.400%		
41) Toluene-d8	7.249	98	222004	36.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.280%#		
43) trans-1,3-Dichloroprop...	7.558	79	45107	39.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
47) 2-Hexanone-d5	8.034	63	74463	80.582	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.580%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143172	40.529	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.060%		
66) 1,2-Dichlorobenzene-d4	11.567	152	100496	45.140	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.280%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	19141	8.207	ug/L	98
12) 1,1-Dichloroethene	2.072	96	1777	1.022	ug/L #	1
17) trans-1,2-Dichloroethene	2.709	96	4021	2.215	ug/L	91
19) 1,1-Dichloroethane	3.121	63	171880	43.863	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	117583	59.927	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	73104	19.436	ug/L	99
34) Trichloroethene	5.844	95	13305	6.375	ug/L	88
46) Tetrachloroethene	7.915	164	8806	5.376	ug/L	90

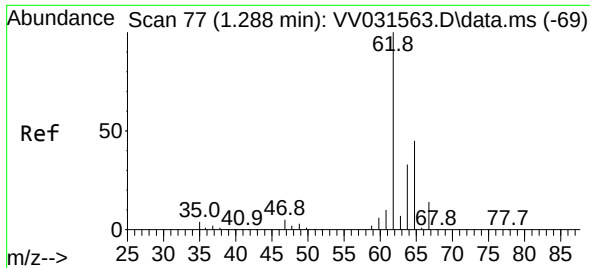
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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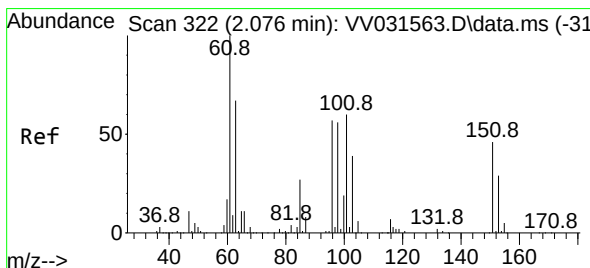
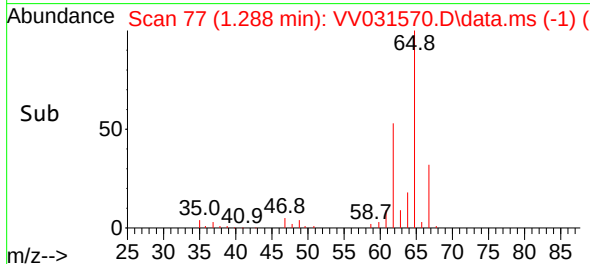
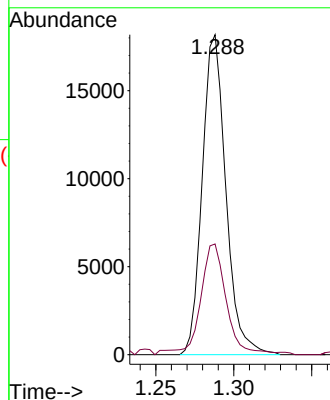
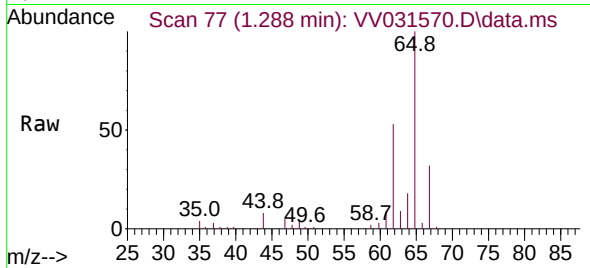




#5
 Vinyl chloride
 Concen: 8.207 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031570.D
 Acq: 16 Jun 2023 12:51

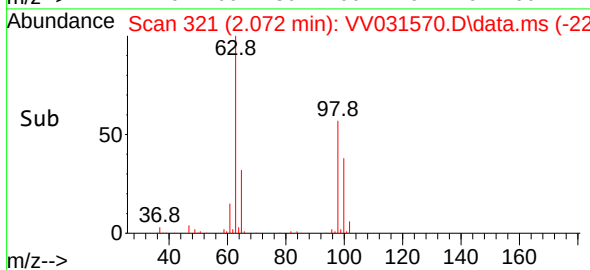
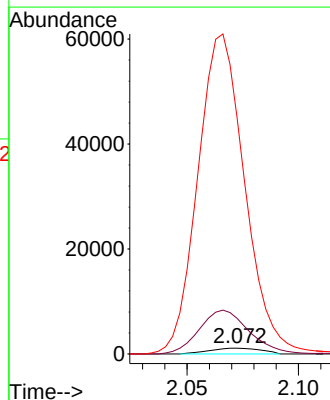
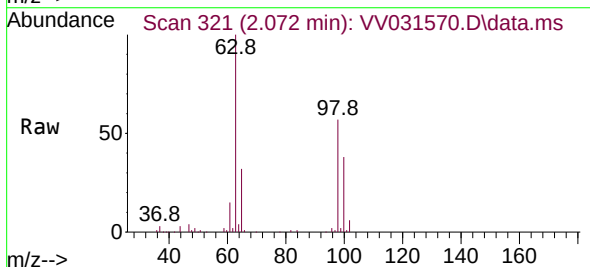
Instrument :
 MSVOA_V
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 EXYW4

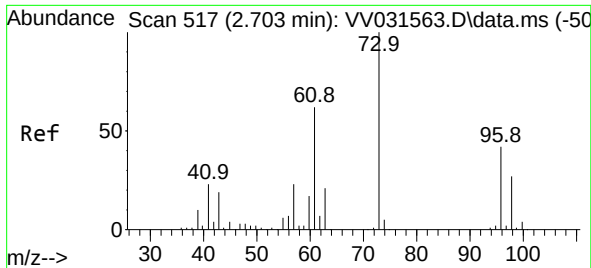
Tgt Ion: 62 Resp: 19141
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 1.022 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV031570.D
 Acq: 16 Jun 2023 12:51

Tgt Ion: 96 Resp: 1777
 Ion Ratio Lower Upper
 96 100
 61 617.9 128.9 239.5#
 63 4089.6 95.3 177.1#

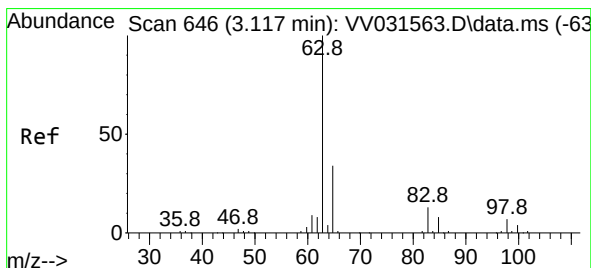
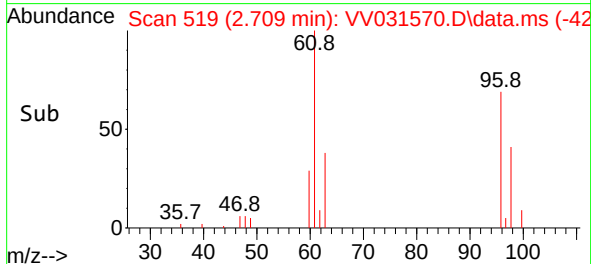
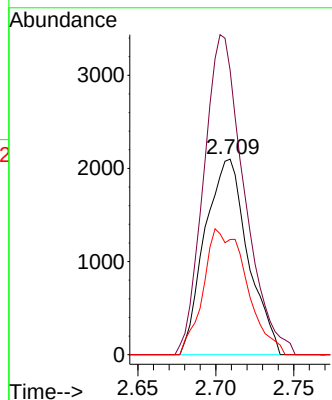
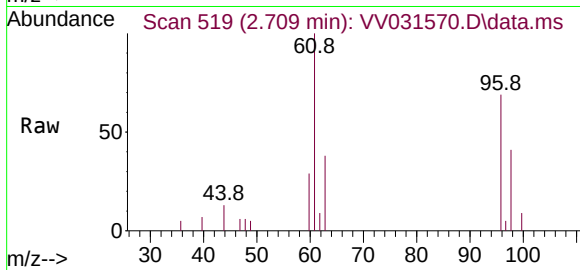




#17
trans-1,2-Dichloroethene
Concen: 2.215 ug/L
RT: 2.709 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV031570.D
Acq: 16 Jun 2023 12:51

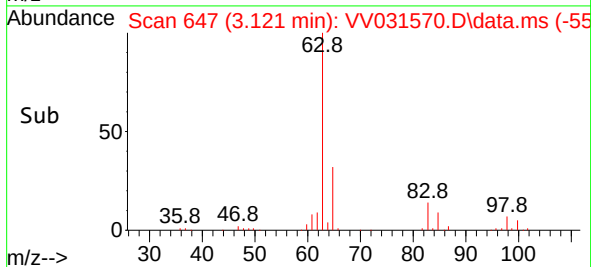
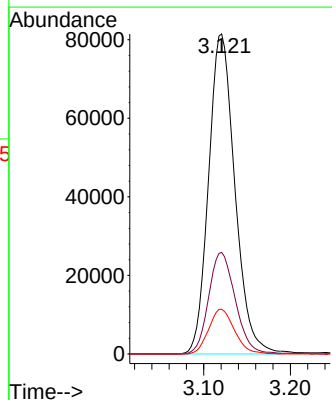
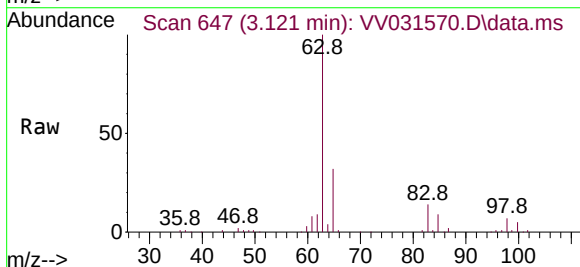
Instrument :
MSVOA_V
ClientSampleId :
EXYW4

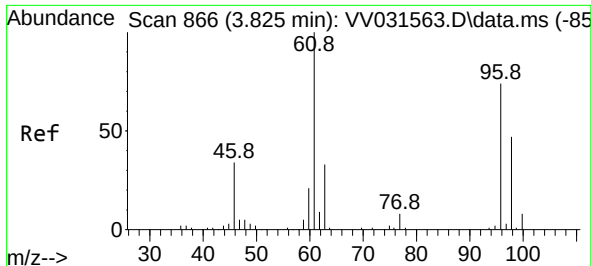
Tgt Ion: 96 Resp: 4021
Ion Ratio Lower Upper
96 100
61 135.5 102.5 190.3
98 54.9 44.1 81.9



#19
1,1-Dichloroethane
Concen: 43.863 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV031570.D
Acq: 16 Jun 2023 12:51

Tgt Ion: 63 Resp: 171880
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 14.6 10.0 18.6





#20

cis-1,2-Dichloroethene

Concen: 59.927 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031570.D

Acq: 16 Jun 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :

EXYW4

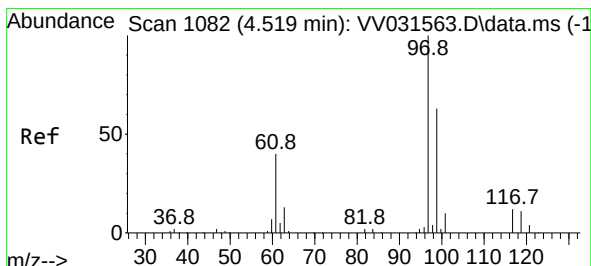
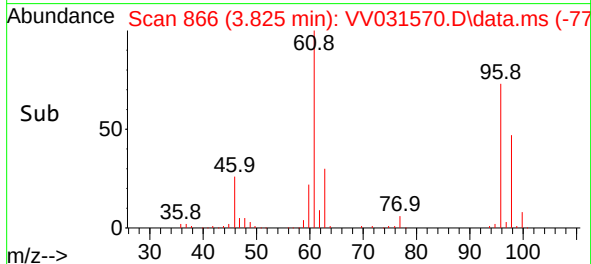
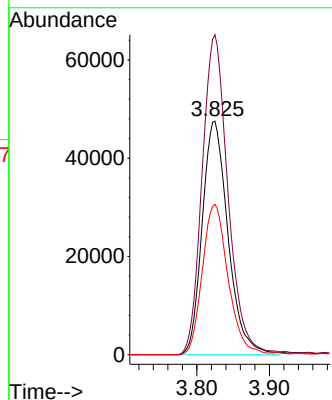
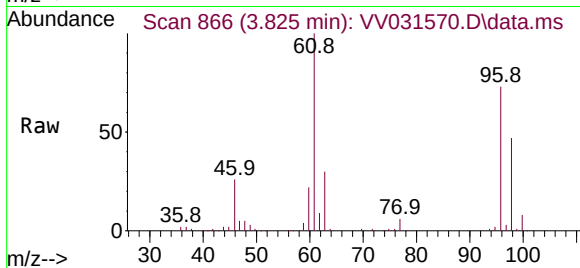
Tgt Ion: 96 Resp: 117583

Ion Ratio Lower Upper

96 100

61 137.0 98.6 183.0

98 64.4 45.7 84.9



#30

1,1,1-Trichloroethane

Concen: 19.436 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031570.D

Acq: 16 Jun 2023 12:51

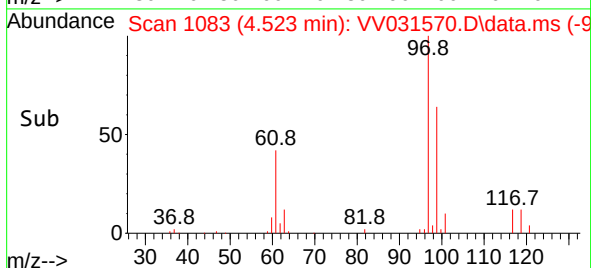
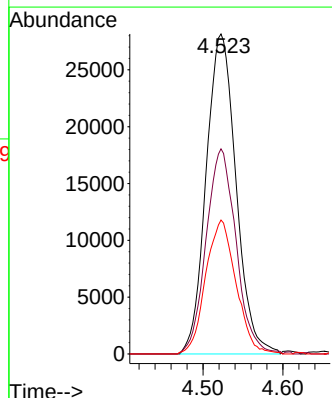
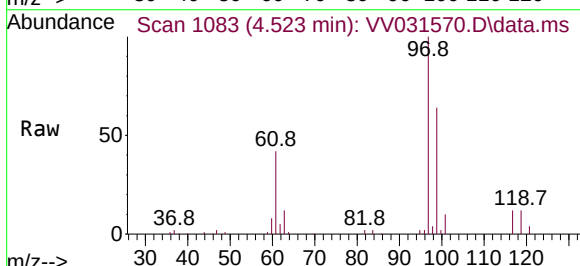
Tgt Ion: 97 Resp: 73104

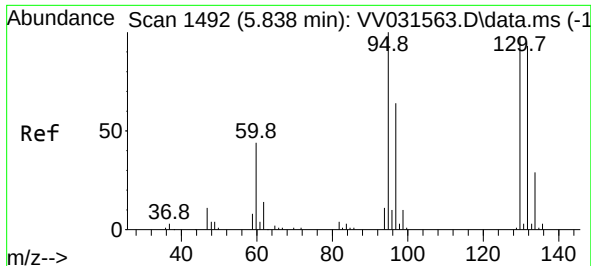
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 42.5 33.0 49.6



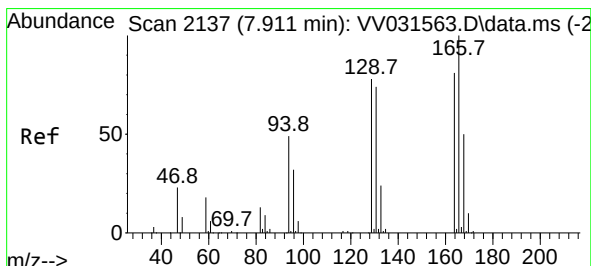
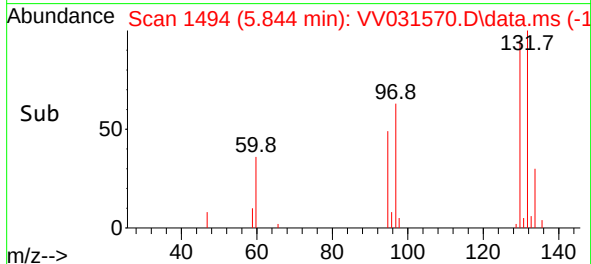
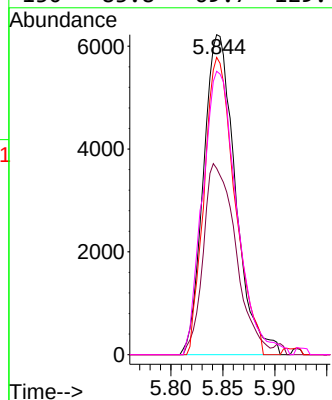
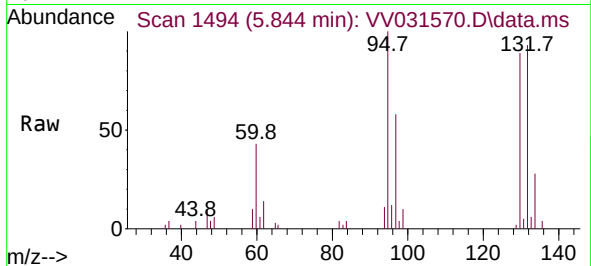


#34
Trichloroethene
Concen: 6.375 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV031570.D
Acq: 16 Jun 2023 12:51

Instrument :
MSVOA_V
ClientSampleId :
EXYW4

Tgt Ion: 95 Resp: 13305

Ion	Ratio	Lower	Upper
95	100		
97	56.2	46.8	86.8
132	88.4	66.4	123.2
130	83.8	69.7	129.4



#46
Tetrachloroethene
Concen: 5.376 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031570.D
Acq: 16 Jun 2023 12:51

Tgt Ion: 164 Resp: 8806

Ion	Ratio	Lower	Upper
164	100		
129	105.1	68.4	127.0
131	105.0	67.6	125.6
166	146.5	91.3	169.5

