

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030601.D
 Acq On : 17 Apr 2023 20:13
 Operator : SY/MD
 Sample : 02360-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP1

Quant Time: Apr 18 02:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

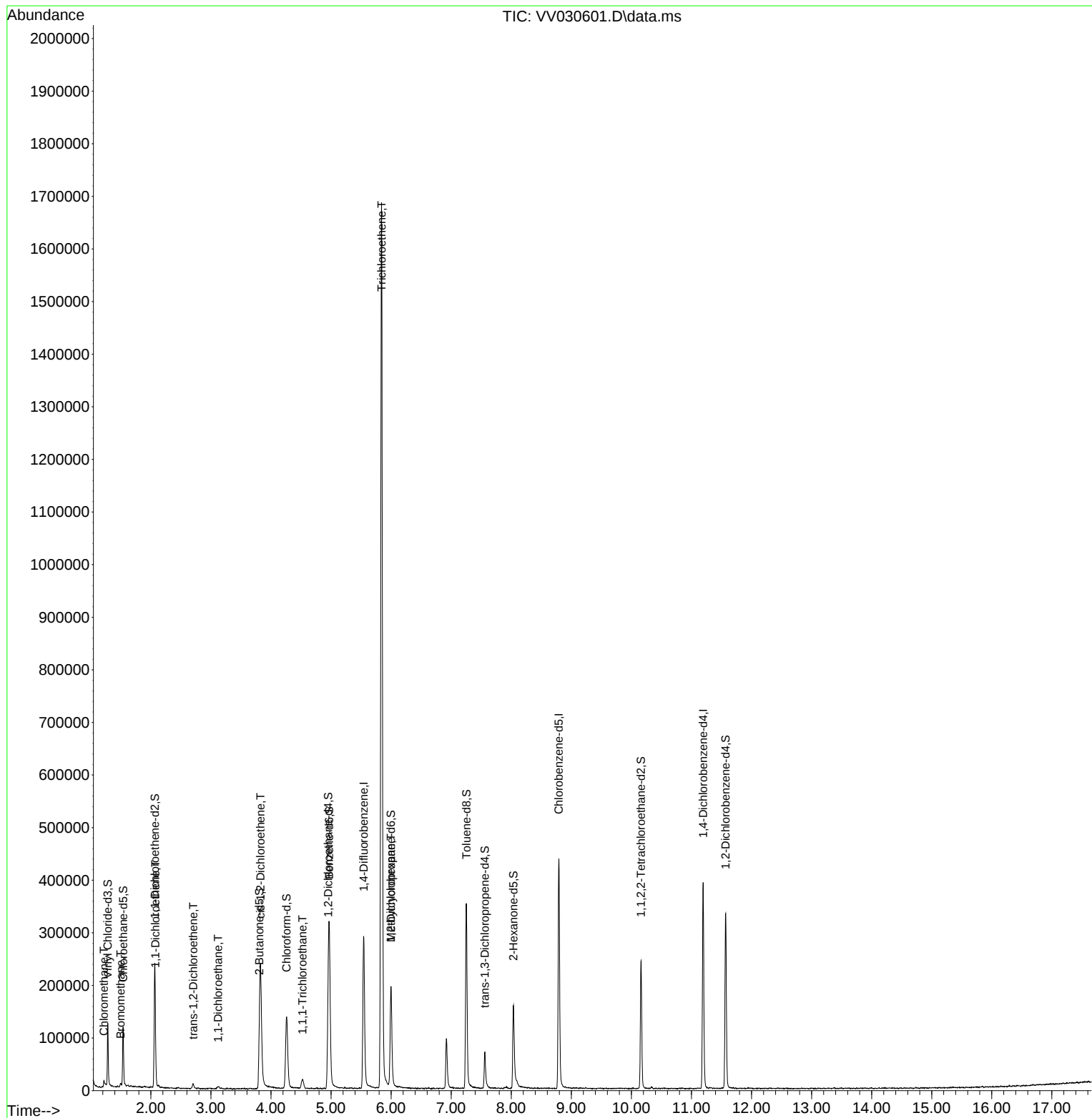
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	232760	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	79299	44.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.080%		
7) Chloroethane-d5	1.539	69	66985	44.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.800%		
11) 1,1-Dichloroethene-d2	2.066	65	37312	44.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.380%		
21) 2-Butanone-d5	3.806	46	81573	83.418	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.420%		
24) Chloroform-d	4.259	84	144501	44.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.580%		
26) 1,2-Dichloroethane-d4	4.953	65	96604	46.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
32) Benzene-d6	4.970	84	267432	48.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.200%		
36) 1,2-Dichloropropane-d6	5.998	67	84668	49.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.060%		
41) Toluene-d8	7.252	98	231829	44.868	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.740%		
43) trans-1,3-Dichloroprop...	7.561	79	38455	44.633	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.260%		
47) 2-Hexanone-d5	8.037	63	56309	83.619	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.620%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	109259	44.048	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.100%		
66) 1,2-Dichlorobenzene-d4	11.571	152	84139	50.795	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.580%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	15146	5.530	ug/L	96
6) Bromomethane	1.497	94	2260	2.581	ug/L	89
12) 1,1-Dichloroethene	2.076	96	7911	4.652	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	3308	1.927	ug/L	91
19) 1,1-Dichloroethane	3.121	63	4118	1.177	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	112691	60.344	ug/L	98
30) 1,1,1-Trichloroethane	4.526	97	14233	4.352	ug/L	97
34) Trichloroethene	5.841	95	560985	305.131	ug/L	98
35) Methylcyclohexane	5.998	83	21626	7.507	ug/L #	17

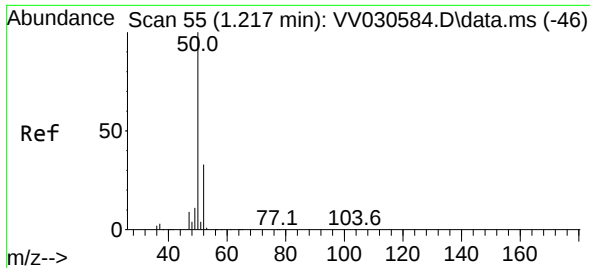
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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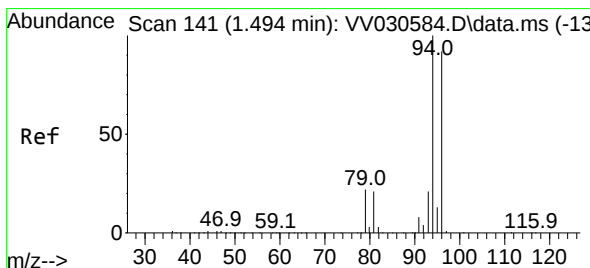
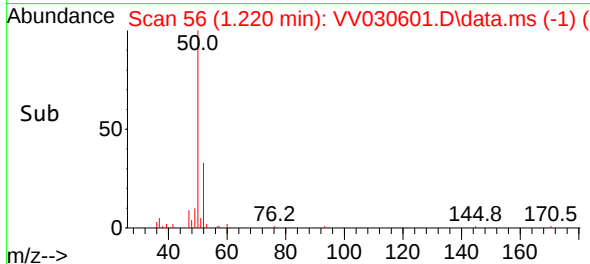
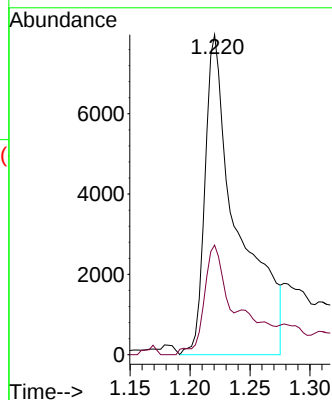
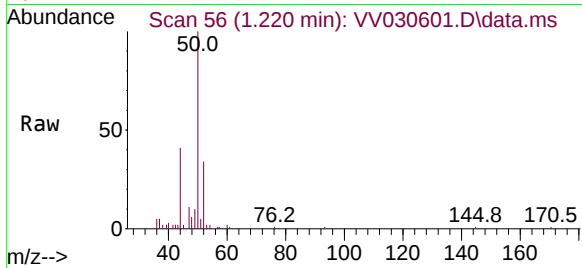




#3
Chloromethane
Concen: 5.530 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

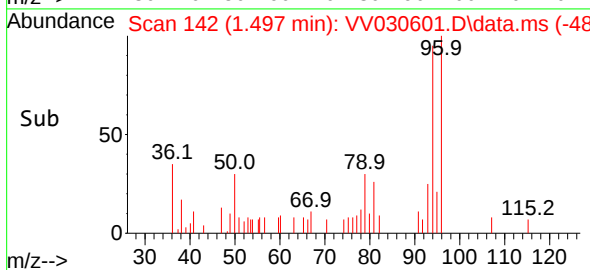
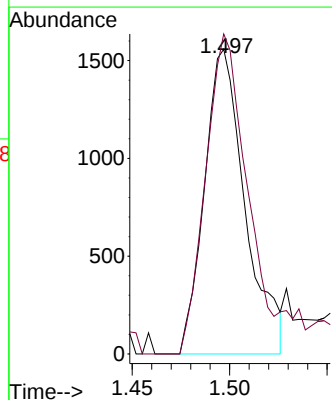
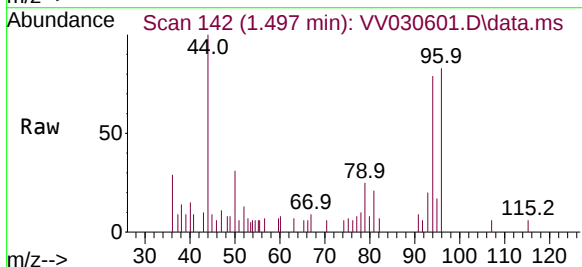
Instrument :
MSVOA_V
ClientSampleId :
C0AP1

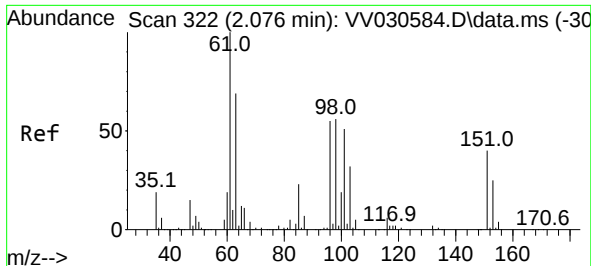
Tgt Ion: 50 Resp: 15146
Ion Ratio Lower Upper
50 100
52 34.2 22.5 41.9



#6
Bromomethane
Concen: 2.581 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

Tgt Ion: 94 Resp: 2260
Ion Ratio Lower Upper
94 100
96 105.0 66.3 123.1

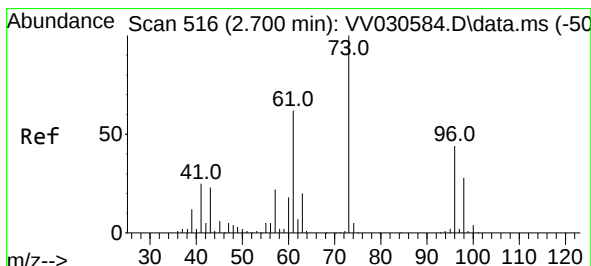
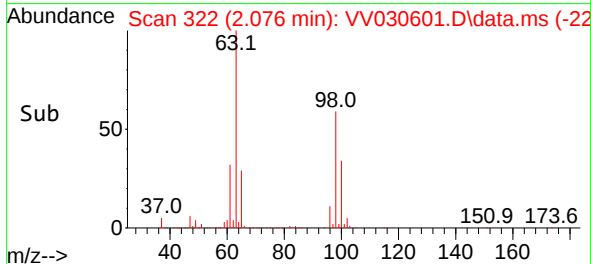
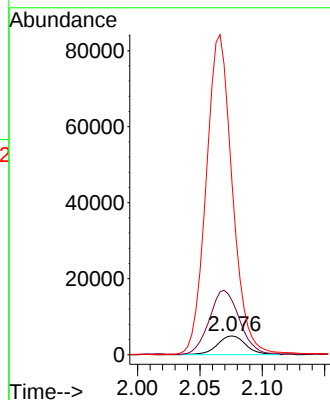
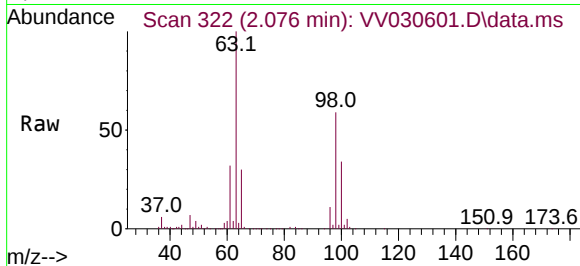




#12
1,1-Dichloroethene
Concen: 4.652 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

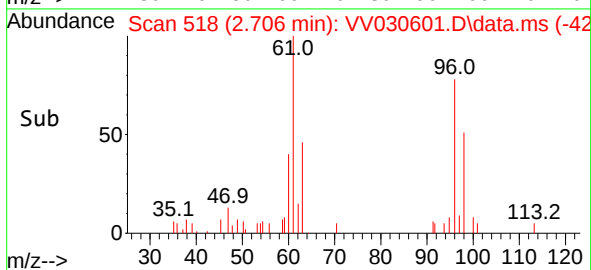
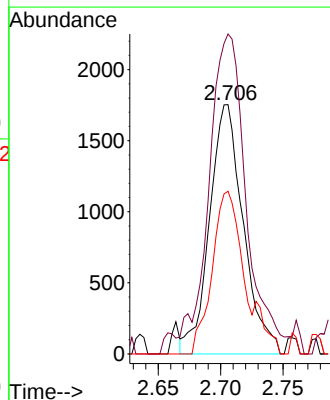
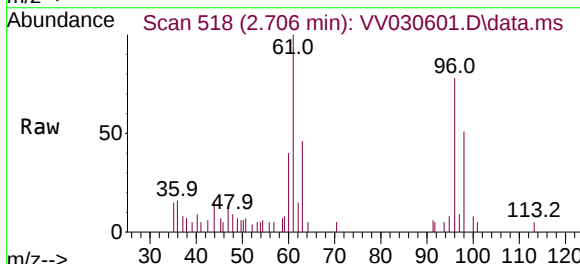
Instrument :
MSVOA_V
ClientSampleId :
C0AP1

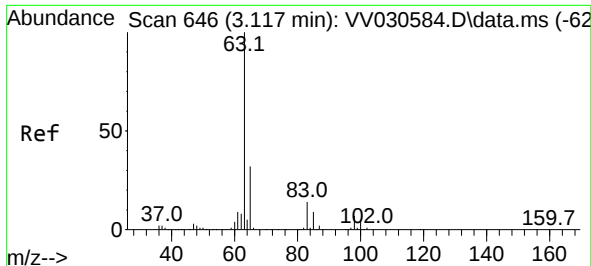
Tgt Ion: 96 Resp: 7911
Ion Ratio Lower Upper
96 100
61 288.5 131.9 245.0#
63 915.1 99.8 185.3#



#17
trans-1,2-Dichloroethene
Concen: 1.927 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

Tgt Ion: 96 Resp: 3308
Ion Ratio Lower Upper
96 100
61 128.3 101.0 187.6
98 65.3 45.4 84.2





#19

1,1-Dichloroethane

Concen: 1.177 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030601.D

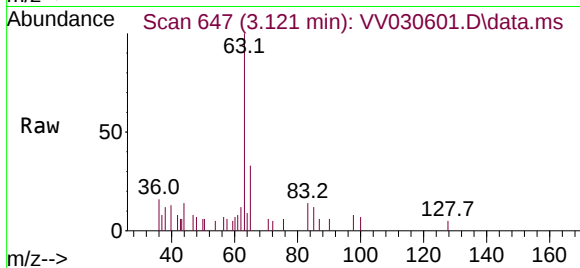
Acq: 17 Apr 2023 20:13

Instrument :

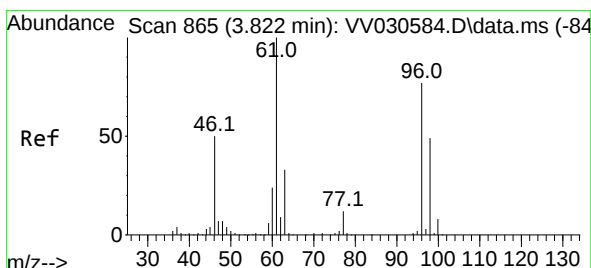
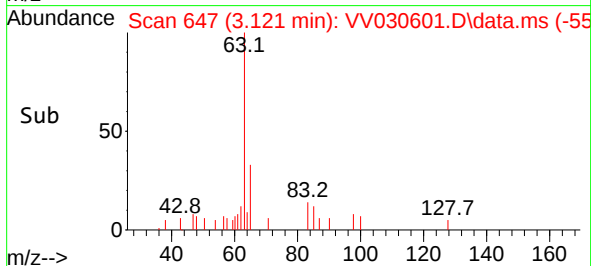
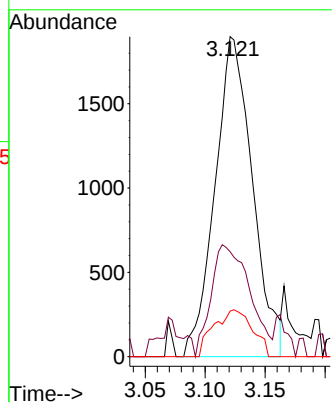
MSVOA_V

ClientSampleId :

C0AP1



Tgt Ion:	63	Resp:	4118
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.8	40.6
83	14.2	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 60.344 ug/L

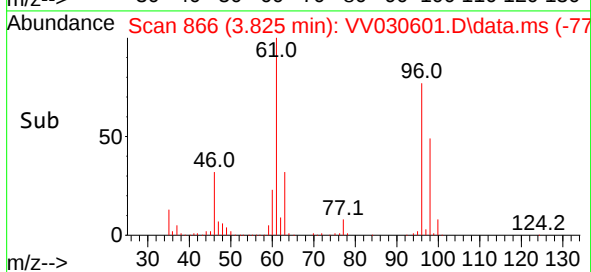
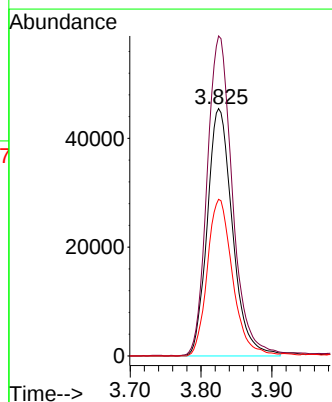
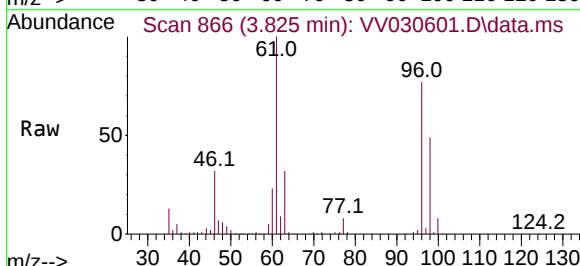
RT: 3.825 min Scan# 866

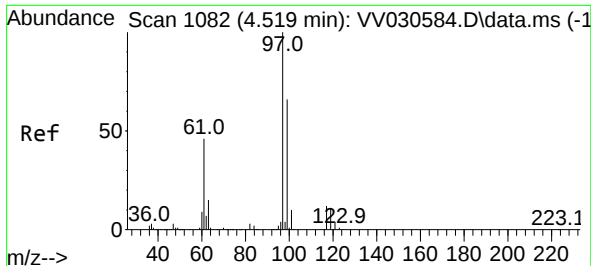
Delta R.T. 0.003 min

Lab File: VV030601.D

Acq: 17 Apr 2023 20:13

Tgt Ion:	96	Resp:	112691
Ion	Ratio	Lower	Upper
96	100		
61	129.4	92.3	171.3
98	63.3	45.9	85.3

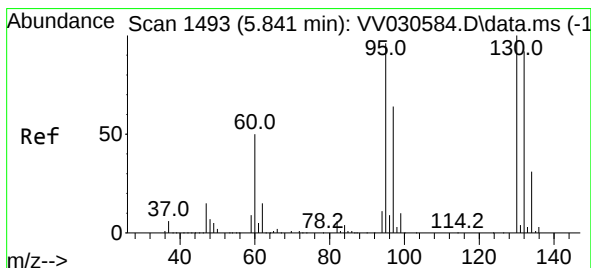
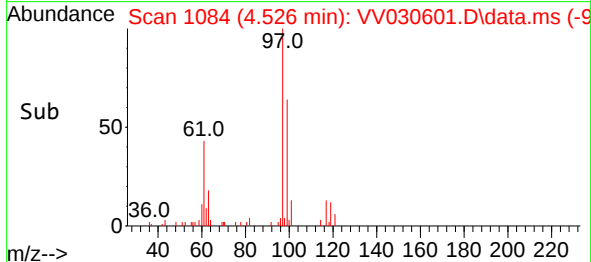
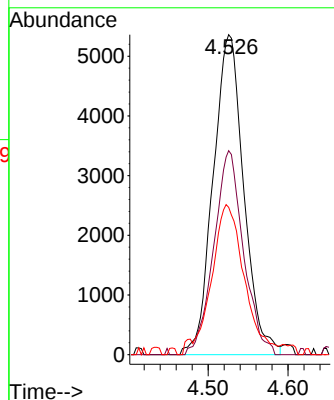
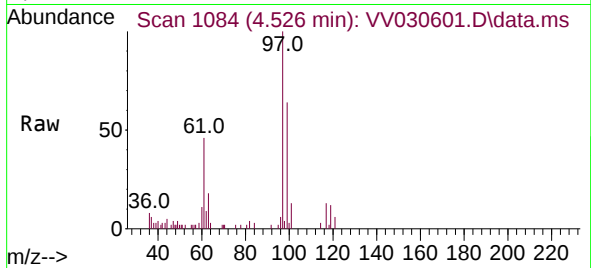




#30
1,1,1-Trichloroethane
Concen: 4.352 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

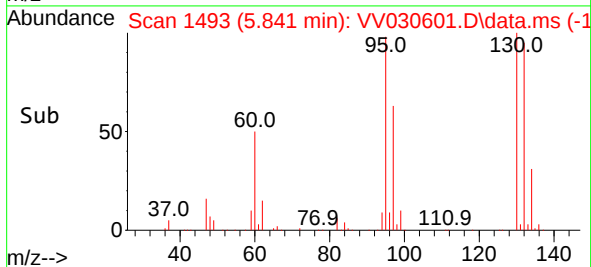
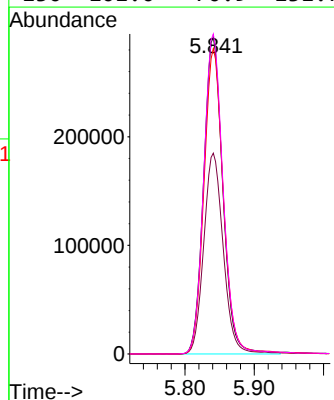
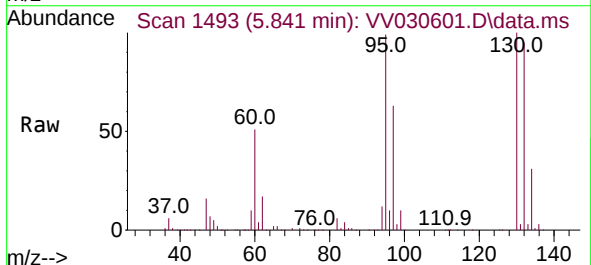
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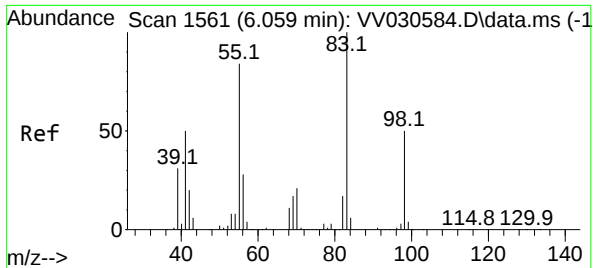
Tgt Ion: 97	Resp: 14233
Ion Ratio	Lower Upper
97 100	
99 61.8	51.4 77.0
61 44.0	37.0 55.6



#34
Trichloroethene
Concen: 305.131 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

Tgt Ion: 95	Resp: 560985
Ion Ratio	Lower Upper
95 100	
97 63.4	45.8 85.2
132 96.4	70.6 131.2
130 101.0	70.9 131.7





#35
Methylcyclohexane
Concen: 7.507 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030601.D
Acq: 17 Apr 2023 20:13

Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 21626
Ion Ratio Lower Upper
83 100
55 1.0 65.5 98.3#
98 0.3 38.7 58.1#

