

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
 Data File : VV030603.D
 Acq On : 17 Apr 2023 21:02
 Operator : SY/MD
 Sample : 02360-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 02:53:11 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)

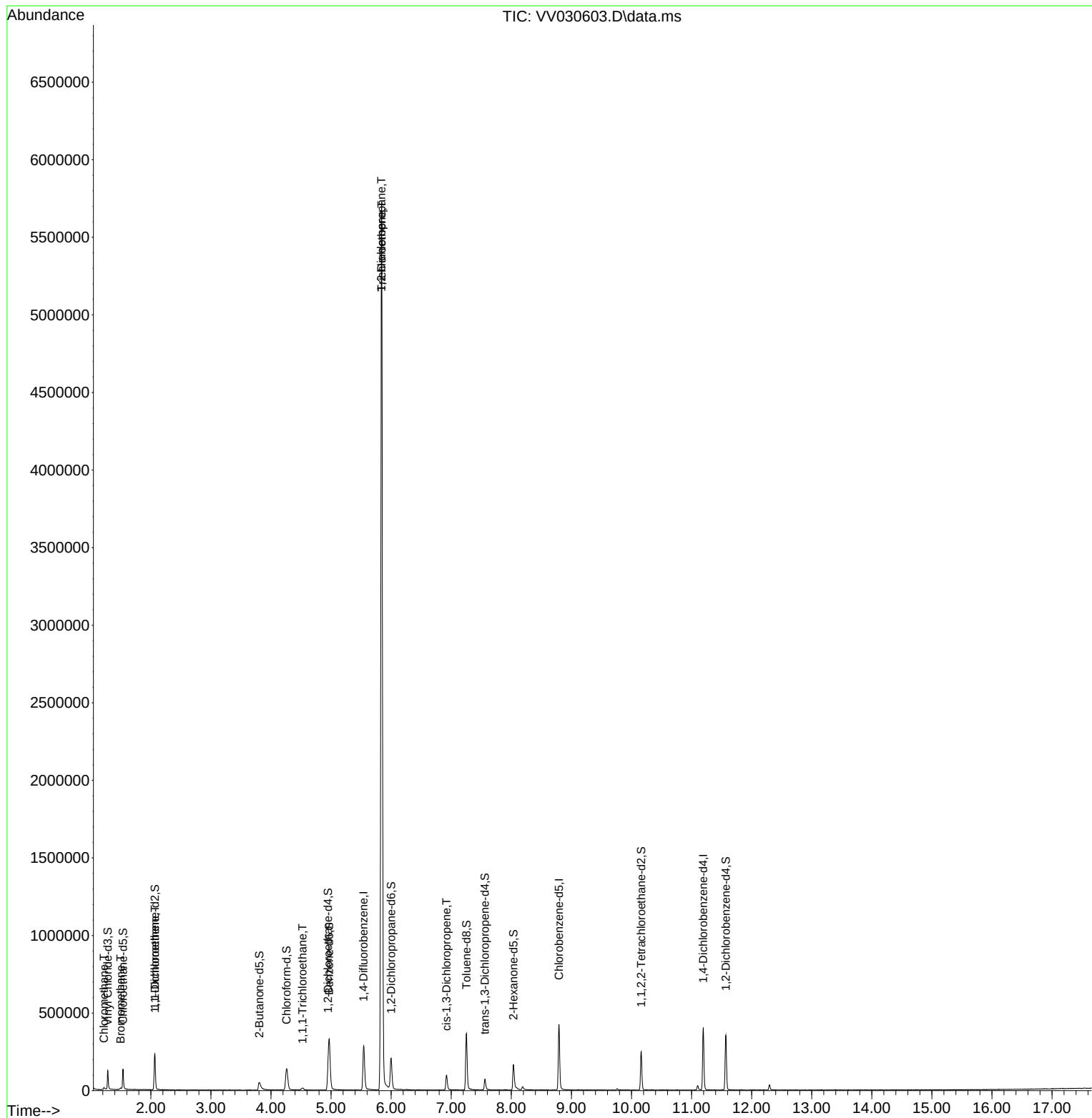
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237347	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	224925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82132	47.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.400%
7) Chloroethane-d5	1.535	69	73014	50.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	2.066	65	39147	47.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.805	46	88682	92.795	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.259	84	147715	46.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	4.950	65	100791	49.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
32) Benzene-d6	4.969	84	275538	51.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.620%
36) 1,2-Dichloropropane-d6	5.998	67	87234	52.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.620%
41) Toluene-d8	7.252	98	238782	47.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.561	79	38797	46.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.200%
47) 2-Hexanone-d5	8.034	63	58357	89.679	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	111664	46.586	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.180%
66) 1,2-Dichlorobenzene-d4	11.570	152	89881	55.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	16665	6.226	ug/L	99
6) Bromomethane	1.494	94	2657	3.105	ug/L	95
12) 1,1-Dichloroethene	2.069	96	2239	1.347	ug/L #	1
30) 1,1,1-Trichloroethane	4.522	97	10452	3.307	ug/L	98
34) Trichloroethene	5.841	95	1869499	1052.278	ug/L	98
37) 1,2-Dichloropropane	5.837	63	6878	3.741	ug/L	97
39) cis-1,3-Dichloropropene	6.921	75	3089	1.120	ug/L #	74

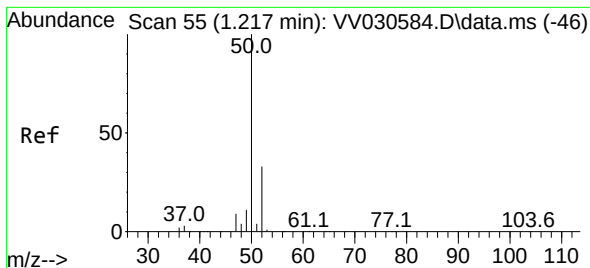
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#3

Chloromethane

Concen: 6.226 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030603.D

Acq: 17 Apr 2023 21:02

Instrument :

MSVOA_V

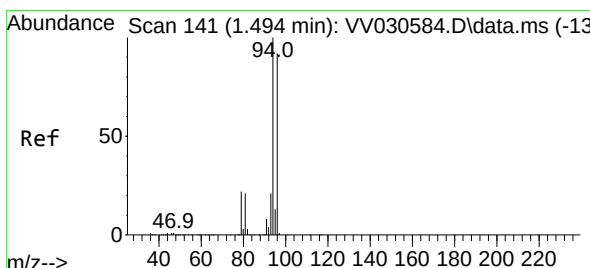
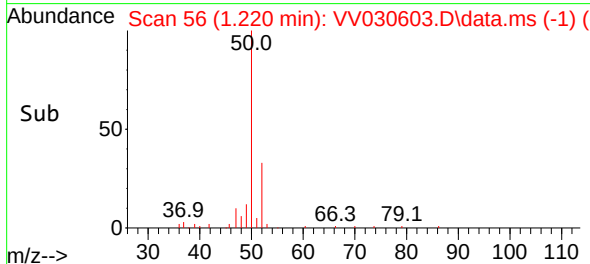
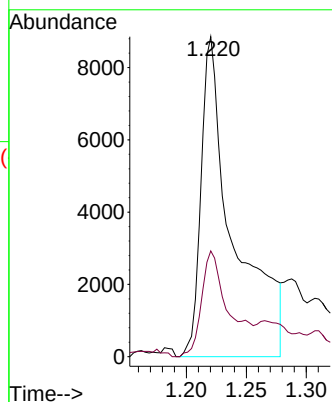
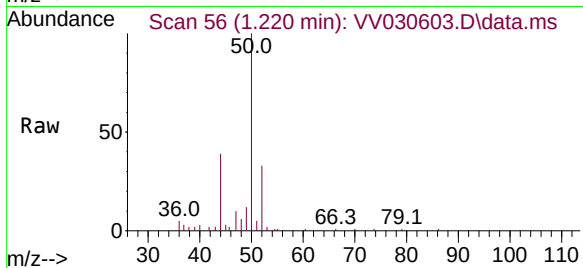
ClientSampleId :

Tgt Ion: 50 Resp: 16665

Ion Ratio Lower Upper

50 100

52 33.0 22.5 41.9



#6

Bromomethane

Concen: 3.105 ug/L

RT: 1.494 min Scan# 141

Delta R.T. -0.000 min

Lab File: VV030603.D

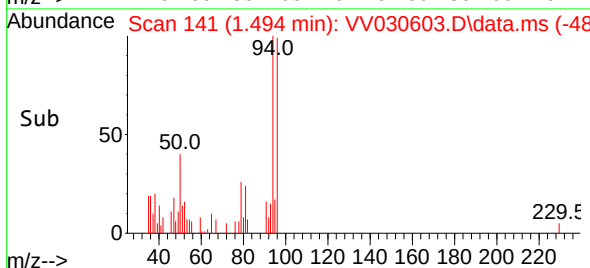
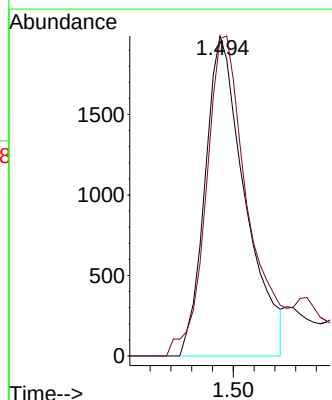
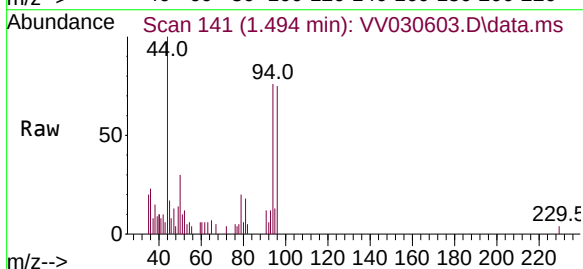
Acq: 17 Apr 2023 21:02

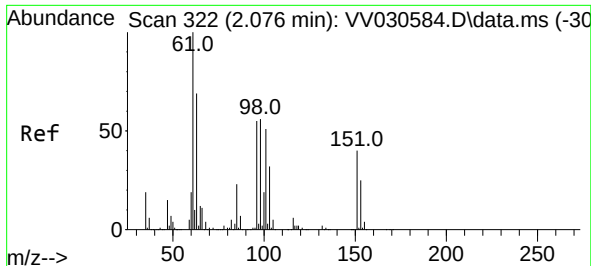
Tgt Ion: 94 Resp: 2657

Ion Ratio Lower Upper

94 100

96 99.1 66.3 123.1





#12

1,1-Dichloroethene

Concen: 1.347 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.007 min

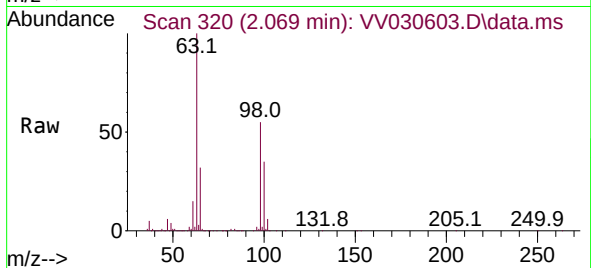
Lab File: VV030603.D

Acq: 17 Apr 2023 21:02

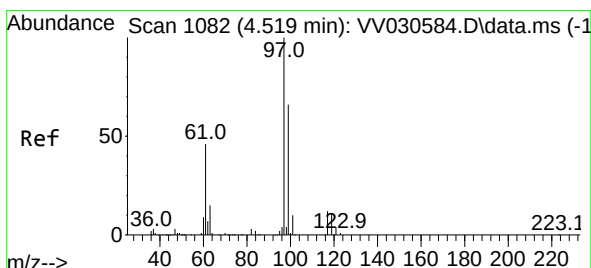
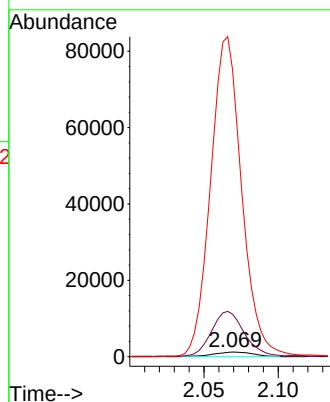
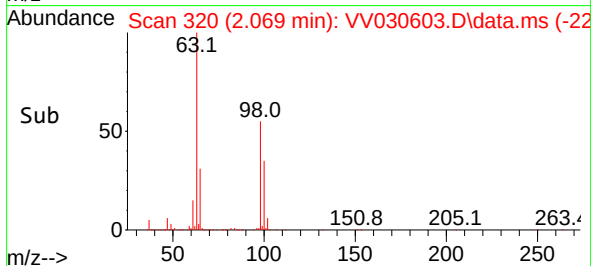
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	2239
Ion	Ratio	Lower	Upper
96	100		
61	921.7	131.9	245.0#
63	6212.4	99.8	185.3#



#30

1,1,1-Trichloroethane

Concen: 3.307 ug/L

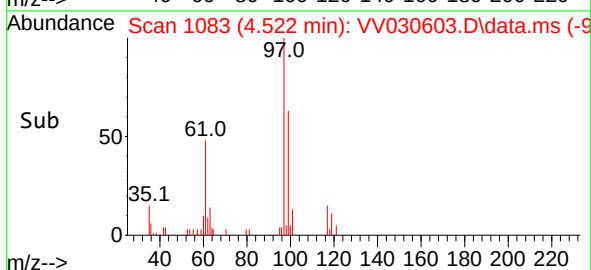
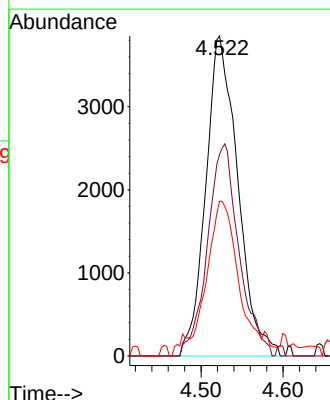
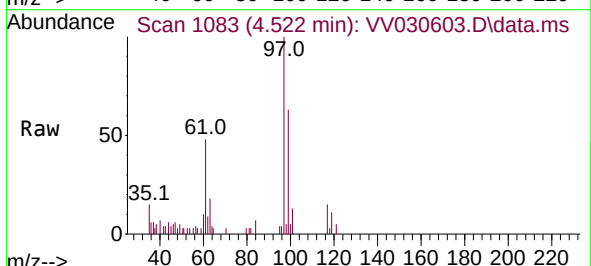
RT: 4.522 min Scan# 1083

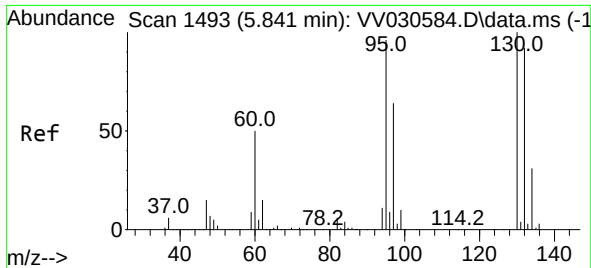
Delta R.T. 0.003 min

Lab File: VV030603.D

Acq: 17 Apr 2023 21:02

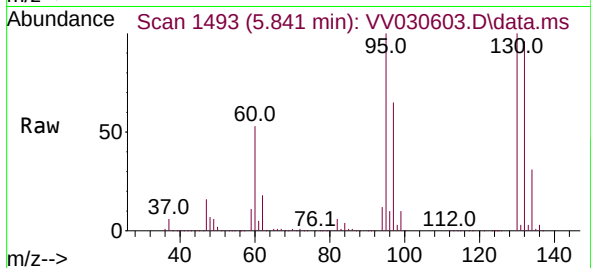
Tgt Ion:	97	Resp:	10452
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	43.9	37.0	55.6





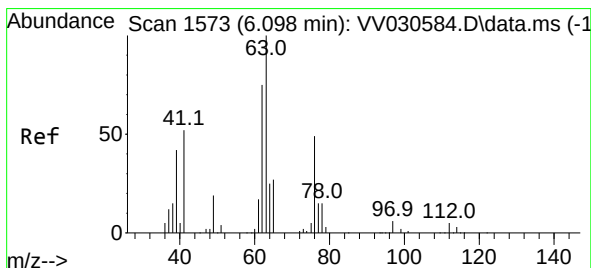
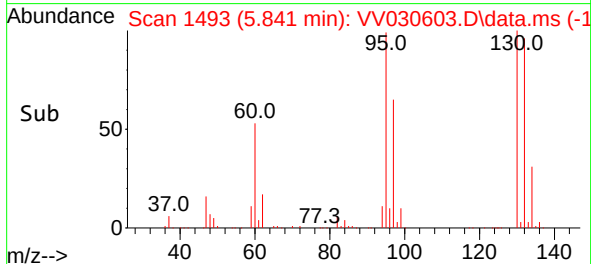
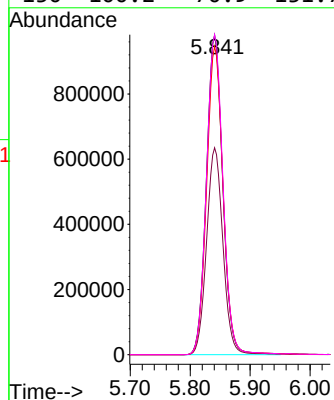
#34
 Trichloroethene
 Concen: 1052.278 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VV030603.D
 Acq: 17 Apr 2023 21:02

Instrument :
 MSVOA_V
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Tgt Ion: 95 Resp: 1869499

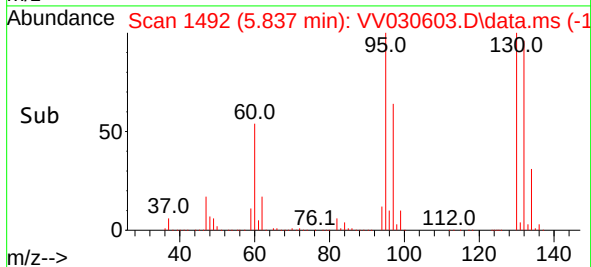
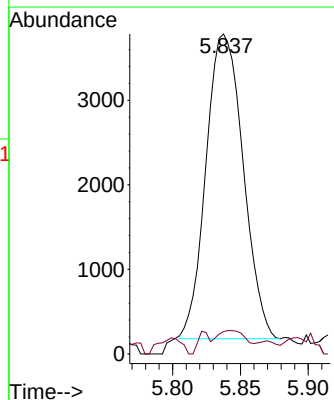
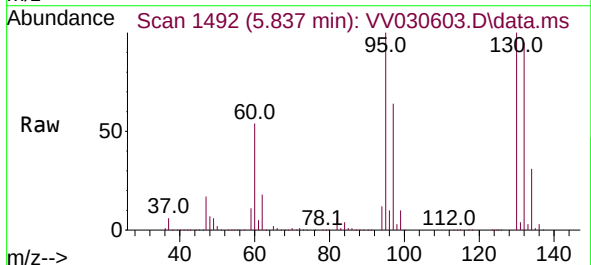
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.8	85.2
132	96.4	70.6	131.2
130	100.2	70.9	131.7

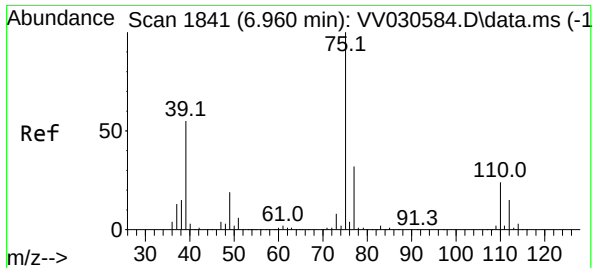


#37
 1,2-Dichloropropane
 Concen: 3.741 ug/L
 RT: 5.837 min Scan# 1492
 Delta R.T. -0.261 min
 Lab File: VV030603.D
 Acq: 17 Apr 2023 21:02

Tgt Ion: 63 Resp: 6878

Ion	Ratio	Lower	Upper
63	100		
112	4.0	3.8	5.8





#39
 cis-1,3-Dichloropropene
 Concen: 1.120 ug/L
 RT: 6.921 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VV030603.D
 Acq: 17 Apr 2023 21:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 3089
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.0 40.8#

