

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
 Data File : VV030609.D
 Acq On : 18 Apr 2023 01:06
 Operator : SY/MD
 Sample : 02360-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ2

Quant Time: Apr 18 04:58:35 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)

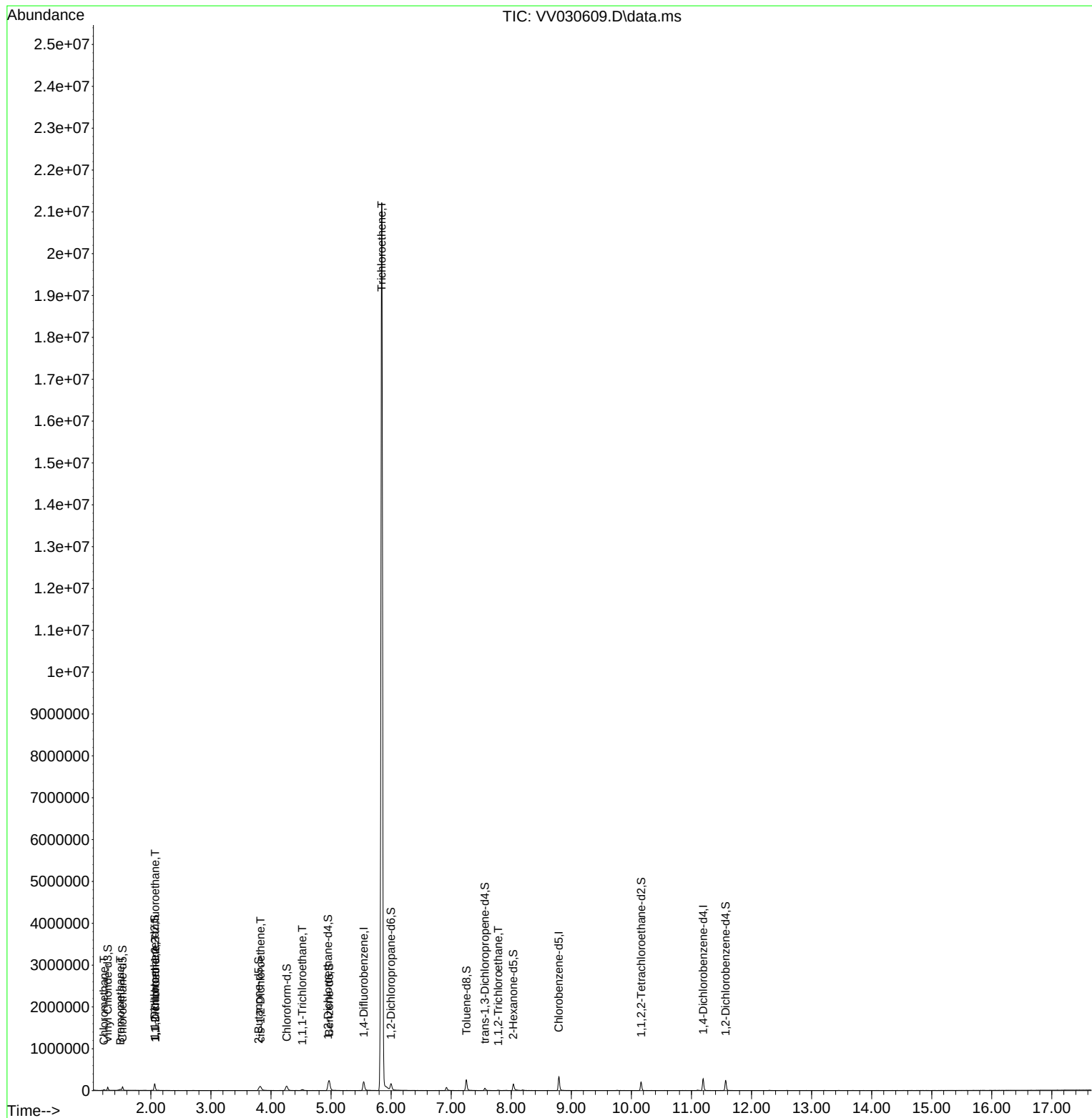
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	180015	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	174073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	73863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51489	39.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.040%
7) Chloroethane-d5	1.529	69	48990	44.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.063	65	24315	38.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
21) 2-Butanone-d5	3.796	46	87699	120.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.990%
24) Chloroform-d	4.262	84	111047	46.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	4.950	65	77824	50.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
32) Benzene-d6	4.969	84	197198	47.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	5.998	67	65529	51.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.520%
41) Toluene-d8	7.252	98	166298	43.036	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	7.561	79	29419	45.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
47) 2-Hexanone-d5	8.034	63	52237	103.724	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	91473	49.311	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	11.570	152	61257	52.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	21355	10.518	ug/L	100
6) Bromomethane	1.490	94	4084	6.292	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	3970	2.848	ug/L	87
12) 1,1-Dichloroethene	2.076	96	3779	2.998	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	40362	29.159	ug/L	91
30) 1,1,1-Trichloroethane	4.519	97	16448	6.724	ug/L	97
34) Trichloroethene	5.844	95	6789875	4938.254	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	2684	1.881	ug/L	94

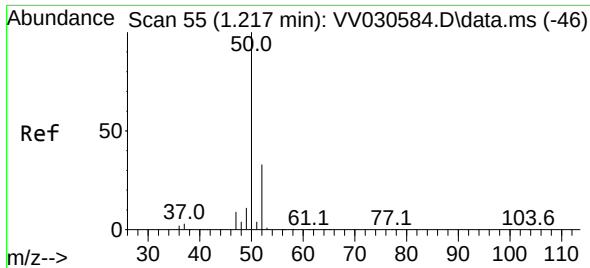
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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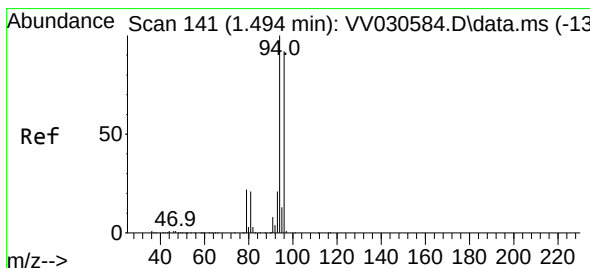
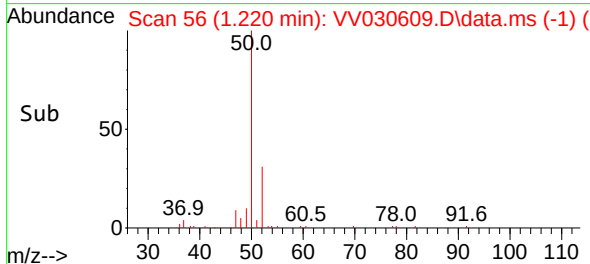
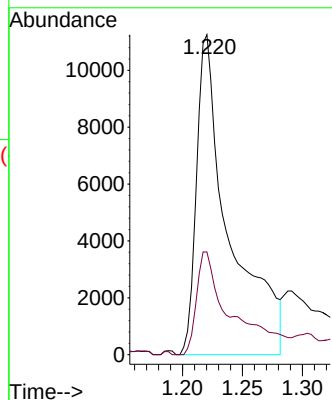
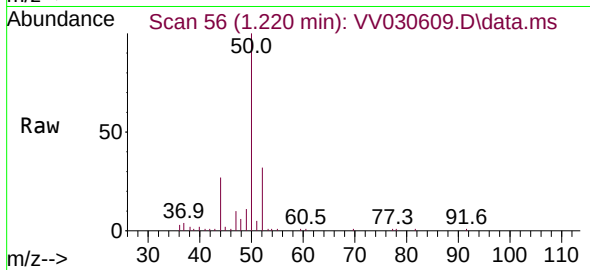




#3
Chloromethane
Concen: 10.518 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030609.D
Acq: 18 Apr 2023 01:06

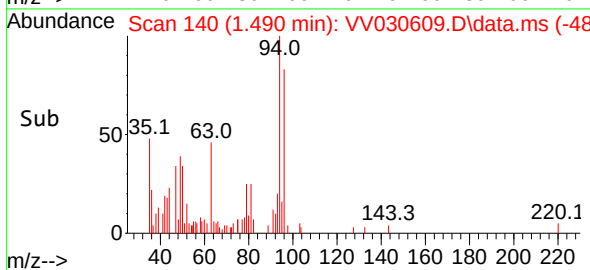
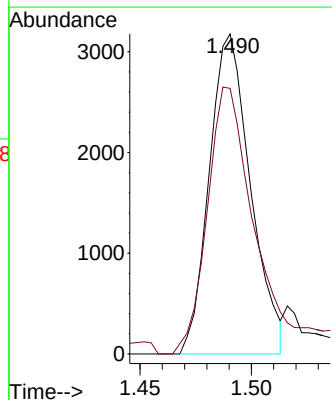
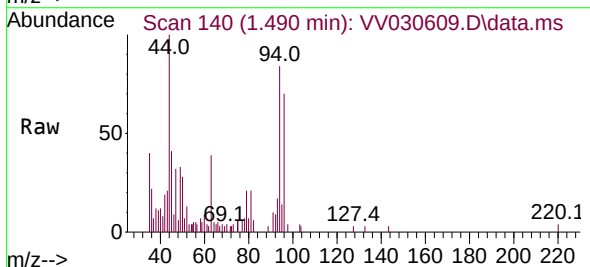
Instrument :
MSVOA_V
ClientSampleId :
C0AQ2

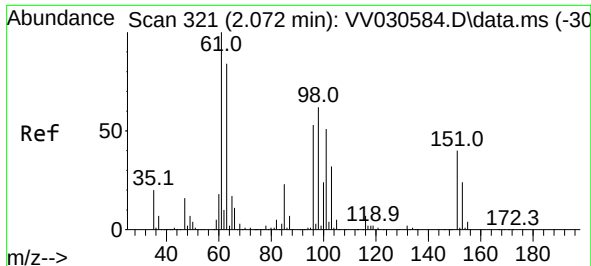
Tgt Ion: 50 Resp: 21355
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.9



#6
Bromomethane
Concen: 6.292 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.003 min
Lab File: VV030609.D
Acq: 18 Apr 2023 01:06

Tgt Ion: 94 Resp: 4084
Ion Ratio Lower Upper
94 100
96 83.0 66.3 123.1

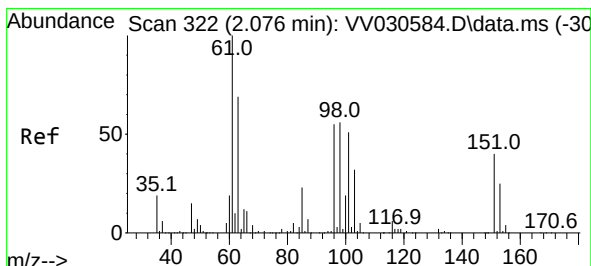
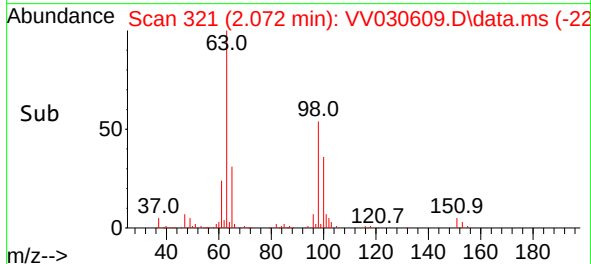
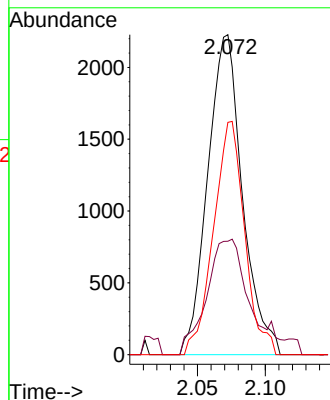
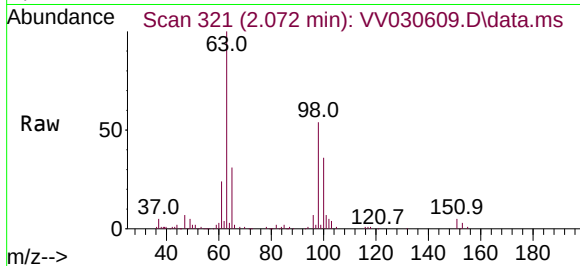




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.848 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030609.D
 Acq: 18 Apr 2023 01:06

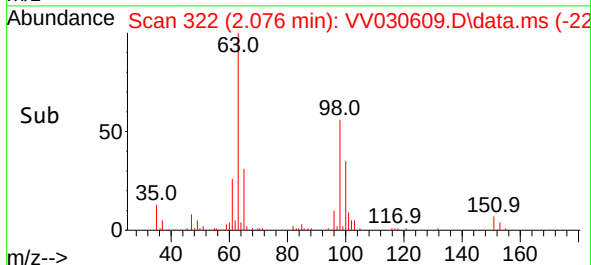
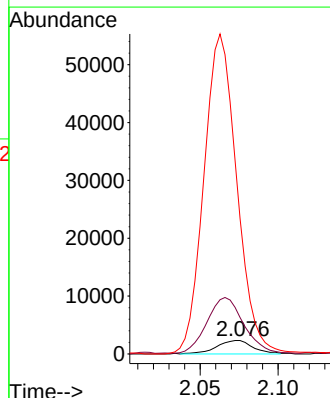
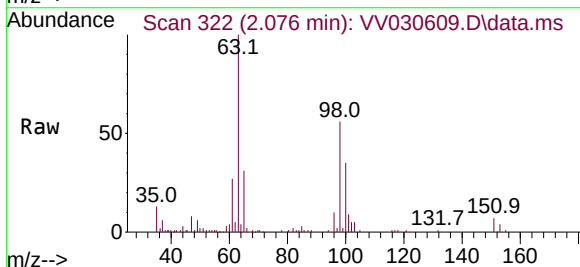
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ2

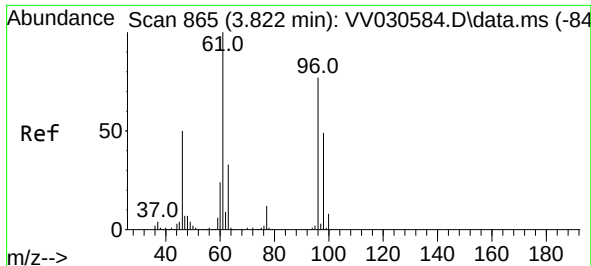
Tgt Ion:101 Resp: 3970
 Ion Ratio Lower Upper
 101 100
 85 41.9 37.5 56.3
 151 65.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 2.998 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030609.D
 Acq: 18 Apr 2023 01:06

Tgt Ion: 96 Resp: 3779
 Ion Ratio Lower Upper
 96 100
 61 270.3 131.9 245.0#
 63 1004.0 99.8 185.3#



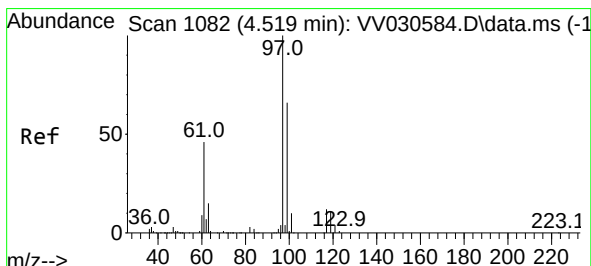
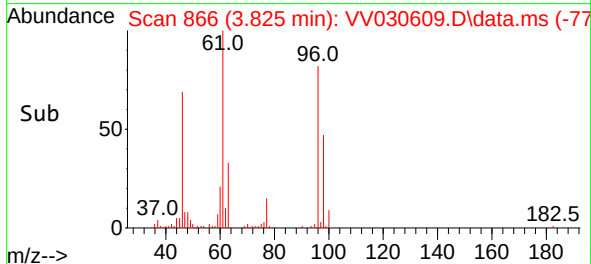
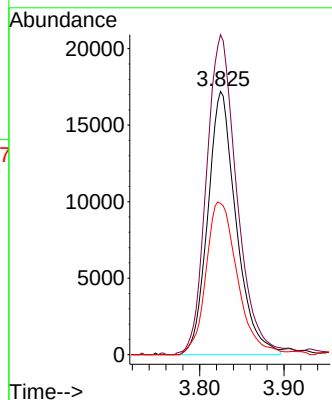
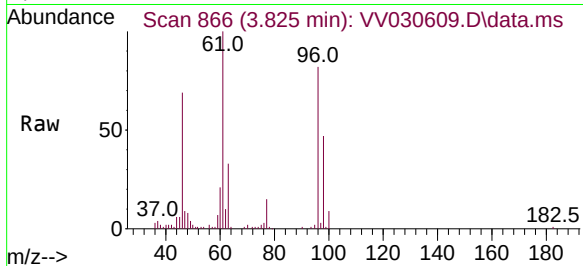


#20
 cis-1,2-Dichloroethene
 Concen: 29.159 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030609.D
 Acq: 18 Apr 2023 01:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ2

Tgt Ion: 96 Resp: 40362

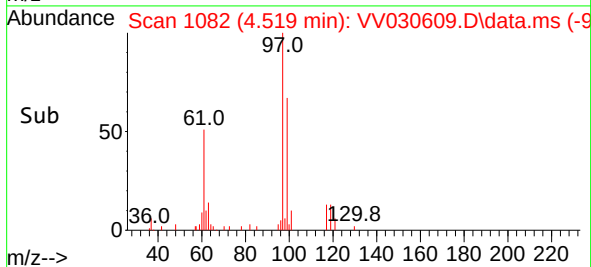
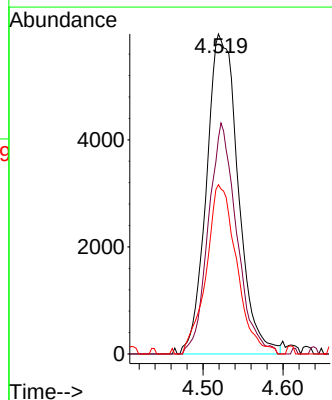
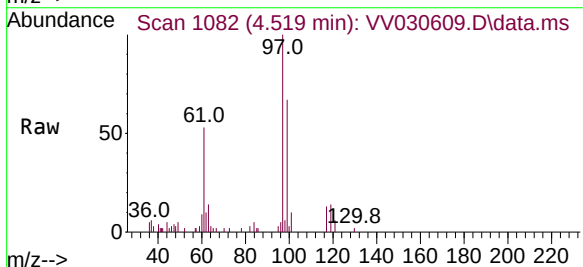
Ion	Ratio	Lower	Upper
96	100		
61	121.5	92.3	171.3
98	57.4	45.9	85.3

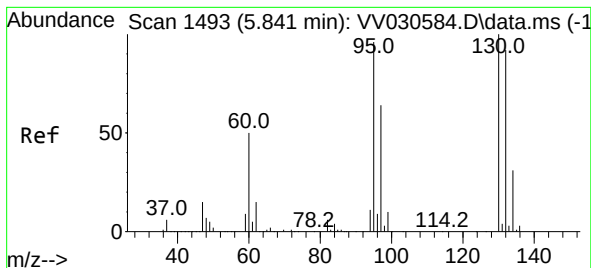


#30
 1,1,1-Trichloroethane
 Concen: 6.724 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.000 min
 Lab File: VV030609.D
 Acq: 18 Apr 2023 01:06

Tgt Ion: 97 Resp: 16448

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	50.9	37.0	55.6





#34

Trichloroethene

Concen: 4938.254 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030609.D

Acq: 18 Apr 2023 01:06

Instrument :

MSVOA_V

ClientSampleId :

C0AQ2

Tgt Ion: 95 Resp: 6789875

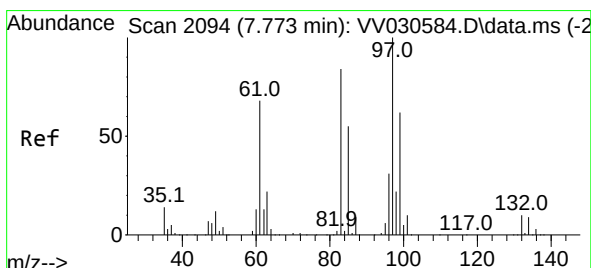
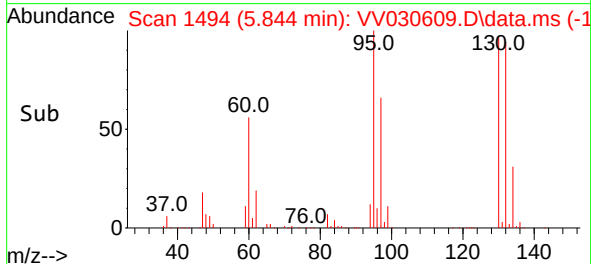
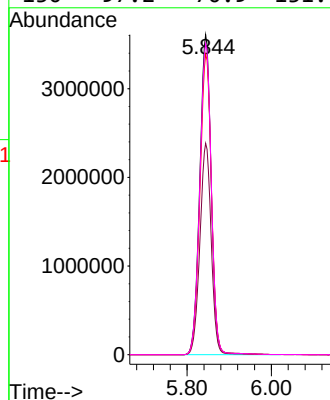
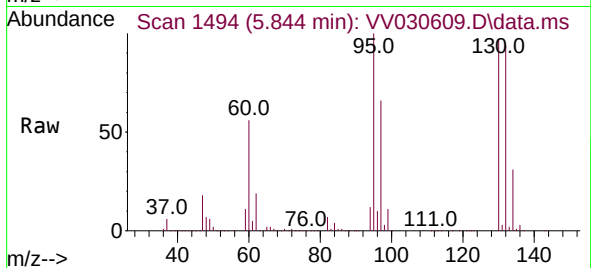
Ion Ratio Lower Upper

95 100

97 66.0 45.8 85.2

132 93.9 70.6 131.2

130 97.2 70.9 131.7



#45

1,1,2-Trichloroethane

Concen: 1.881 ug/L

RT: 7.783 min Scan# 2097

Delta R.T. 0.010 min

Lab File: VV030609.D

Acq: 18 Apr 2023 01:06

Tgt Ion: 97 Resp: 2684

Ion Ratio Lower Upper

97 100

99 52.6 43.8 81.4

83 83.8 59.6 110.6

85 56.0 37.4 69.4

