

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030666.D
 Acq On : 19 Apr 2023 15:46
 Operator : SY/MD
 Sample : 02360-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

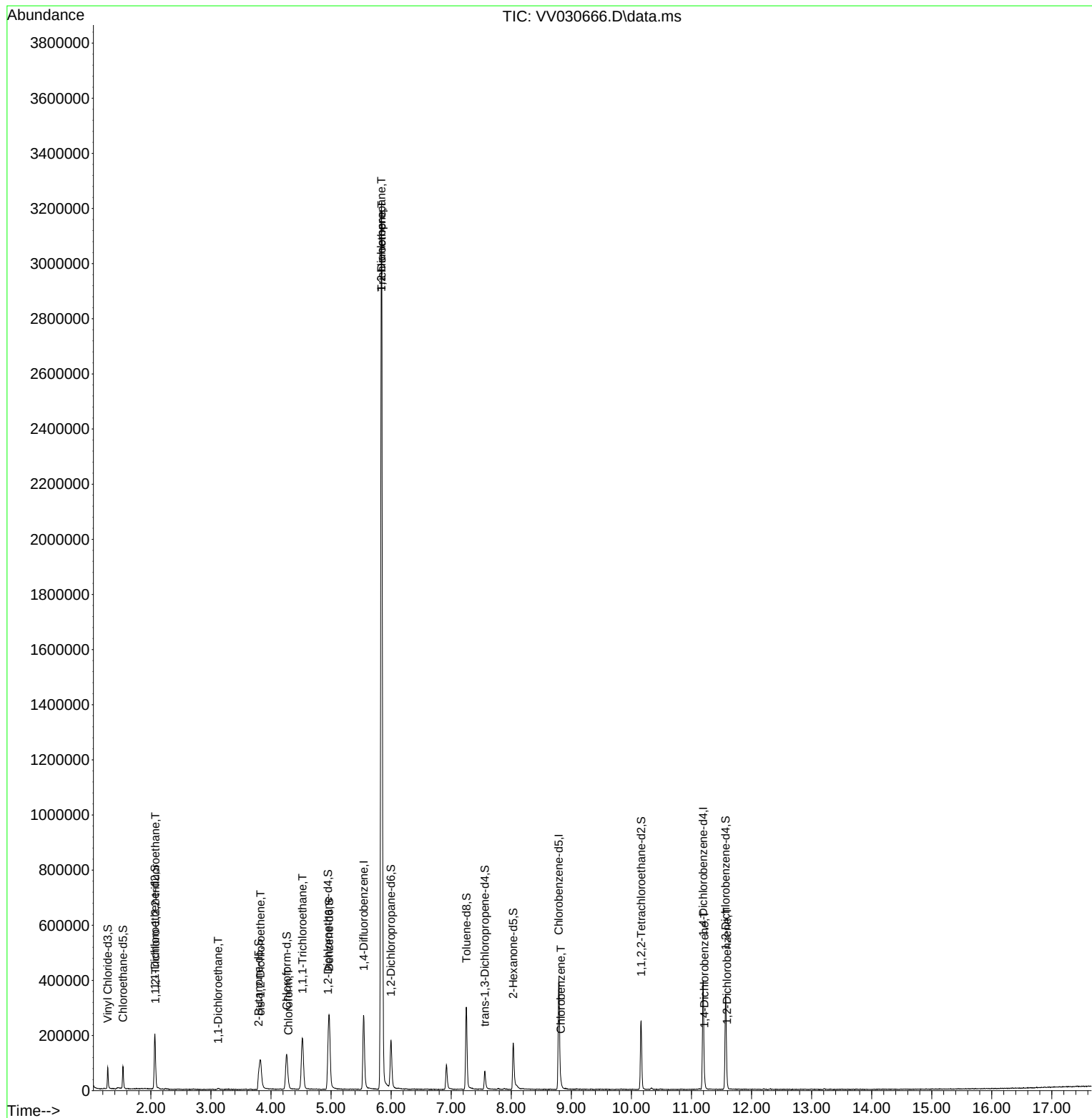
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222247	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51301	31.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.980%
7) Chloroethane-d5	1.536	69	48475	35.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.020%
11) 1,1-Dichloroethene-d2	2.066	65	26719	34.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.160%
21) 2-Butanone-d5	3.796	46	94925	106.076	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	4.262	84	129964	44.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	4.950	65	90626	47.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	4.969	84	223910	44.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
36) 1,2-Dichloropropane-d6	5.998	67	76200	48.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	7.252	98	194439	40.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	7.561	79	34355	43.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	8.034	63	56974	92.045	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	111457	48.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	11.570	152	84244	50.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	4972	2.889	ug/L	94
19) 1,1-Dichloroethane	3.121	63	2095	0.654	ug/L #	91
20) cis-1,2-Dichloroethene	3.825	96	47107	27.565	ug/L	95
25) Chloroform	4.291	83	7001	2.112	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	151450	50.377	ug/L	100
34) Trichloroethene	5.841	95	1044319	617.965	ug/L	98
37) 1,2-Dichloropropane	5.838	63	3787	2.166	ug/L	99
51) Chlorobenzene	8.825	112	10934	2.372	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	7242	2.109	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	5064	1.542	ug/L	96

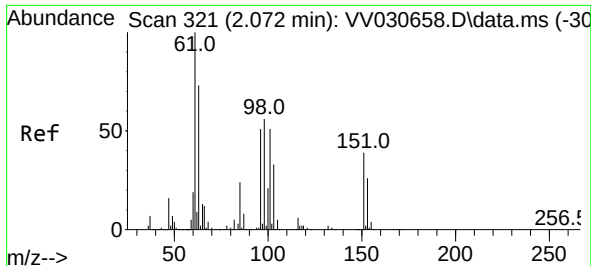
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 20 01:29:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration

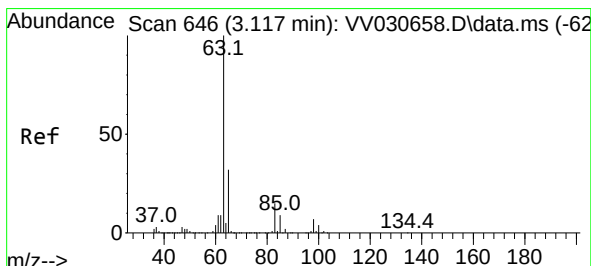
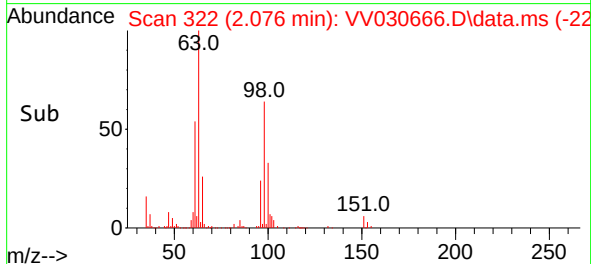
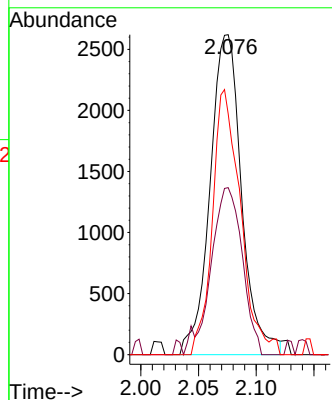
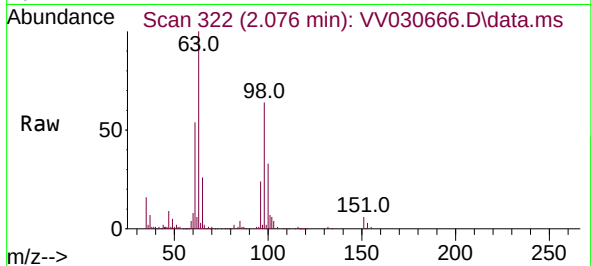




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.889 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030666.D
 Acq: 19 Apr 2023 15:46

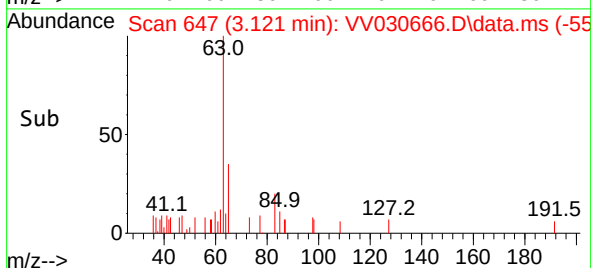
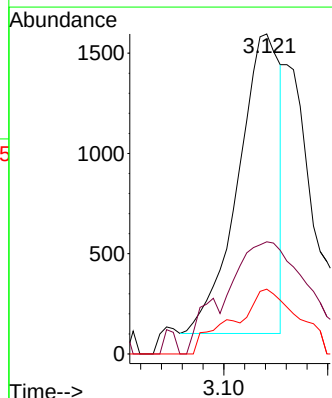
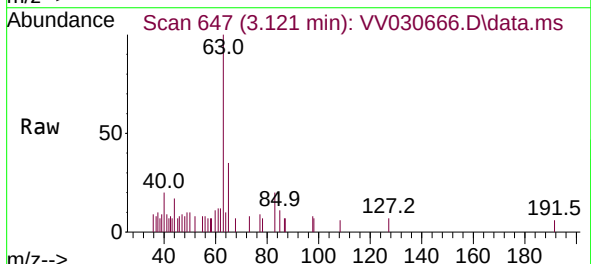
Instrument :
 MSVOA_V
 ClientSampleId :

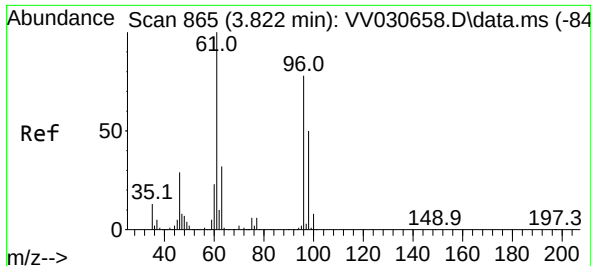
Tgt Ion:	101	Resp:	4972
Ion	Ratio	Lower	Upper
101	100		
85	49.9	37.5	56.3
151	72.9	63.5	95.3



#19
 1,1-Dichloroethane
 Concen: 0.654 ug/L
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV030666.D
 Acq: 19 Apr 2023 15:46

Tgt Ion:	63	Resp:	2095
Ion	Ratio	Lower	Upper
63	100		
65	35.0	21.8	40.6
83	20.2	10.2	19.0

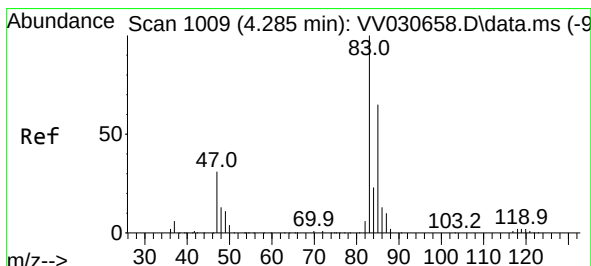
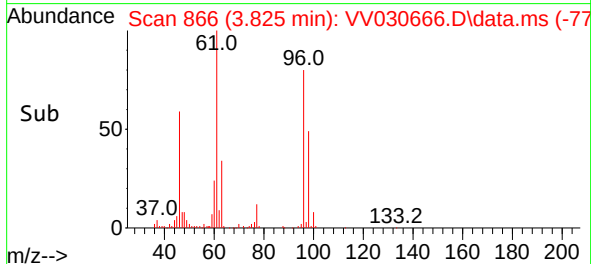
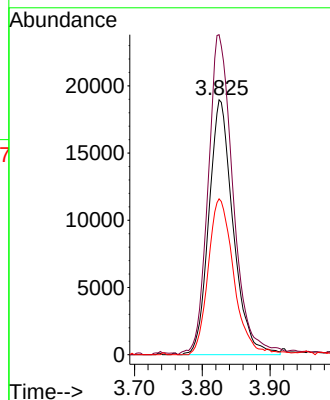
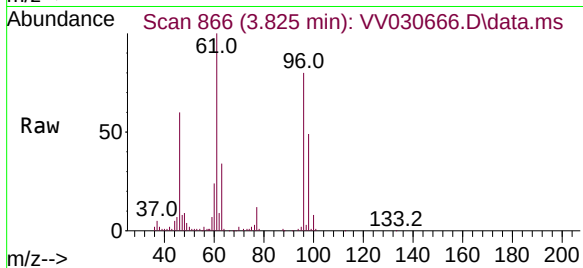




#20
cis-1,2-Dichloroethene
Concen: 27.565 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

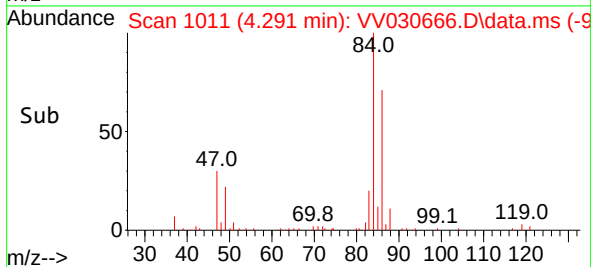
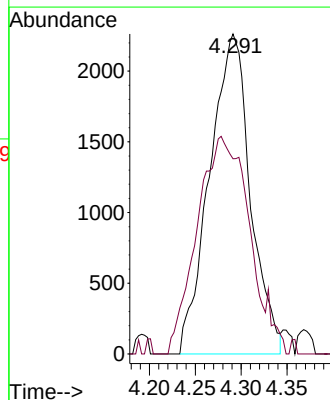
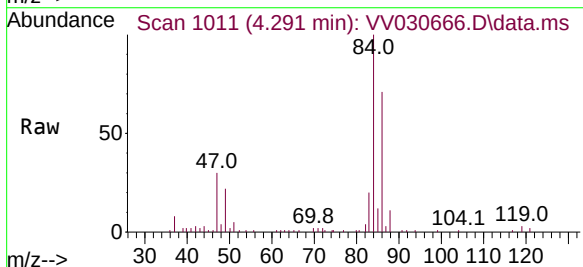
Instrument :
MSVOA_V
ClientSampleId :

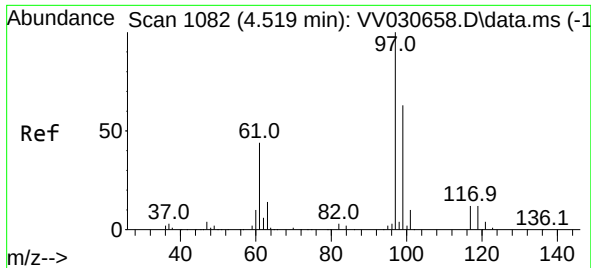
Tgt Ion: 96 Resp: 47107
Ion Ratio Lower Upper
96 100
61 125.6 92.3 171.3
98 61.1 45.9 85.3



#25
Chloroform
Concen: 2.112 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

Tgt Ion: 83 Resp: 7001
Ion Ratio Lower Upper
83 100
85 61.0 45.8 85.2





#30

1,1,1-Trichloroethane

Concen: 50.377 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

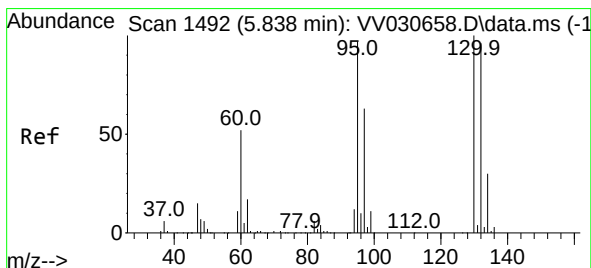
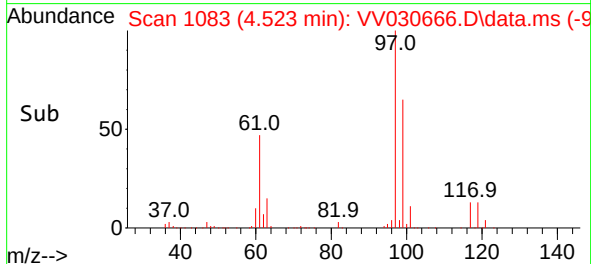
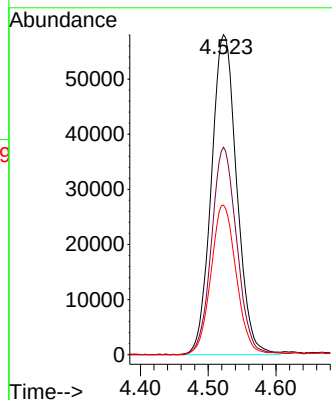
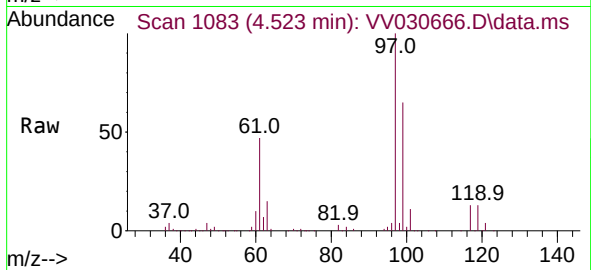
Tgt Ion: 97 Resp: 151450

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 46.4 37.0 55.6



#34

Trichloroethene

Concen: 617.965 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Tgt Ion: 95 Resp: 1044319

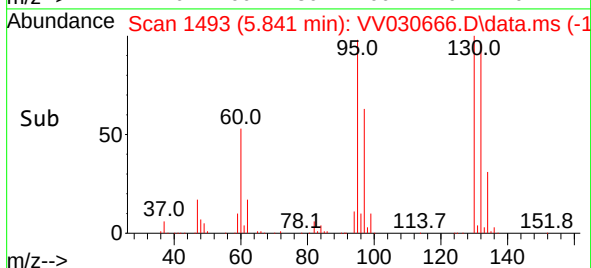
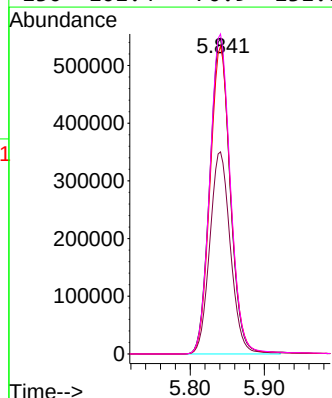
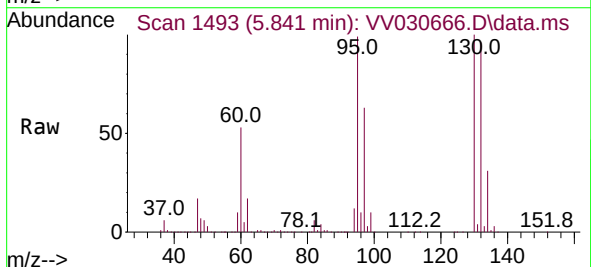
Ion Ratio Lower Upper

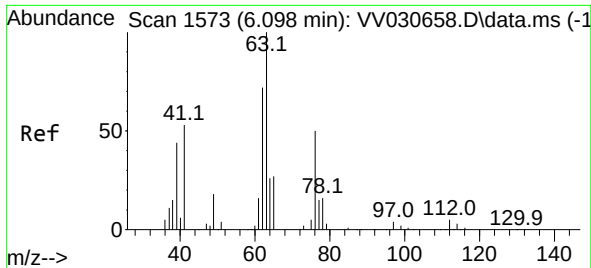
95 100

97 64.0 45.8 85.2

132 97.5 70.6 131.2

130 101.4 70.9 131.7





#37

1,2-Dichloropropane

Concen: 2.166 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.260 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

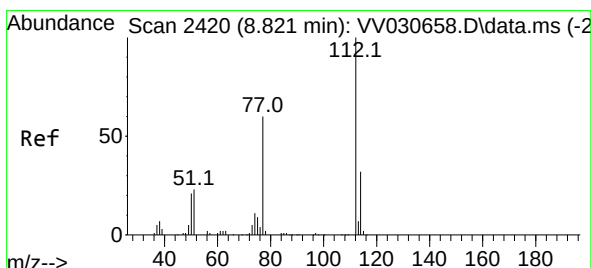
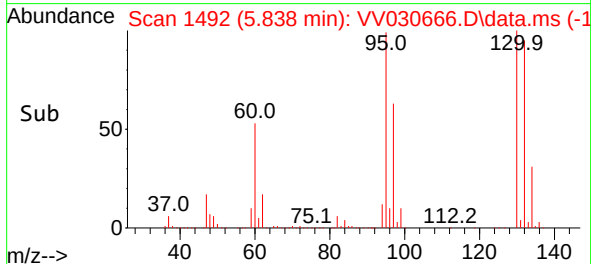
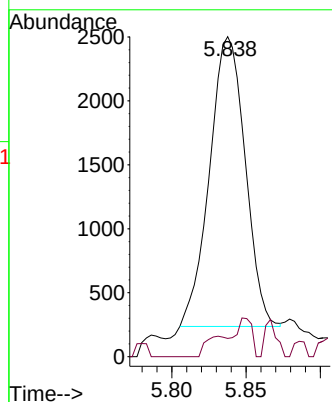
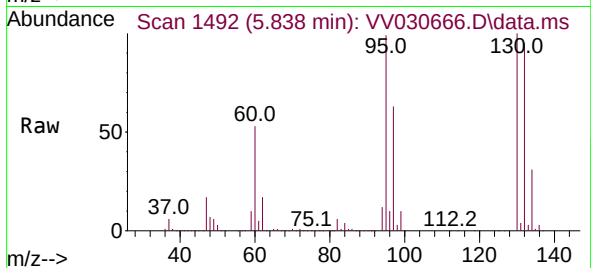
ClientSampleId :

Tgt Ion: 63 Resp: 3787

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#51

Chlorobenzene

Concen: 2.372 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

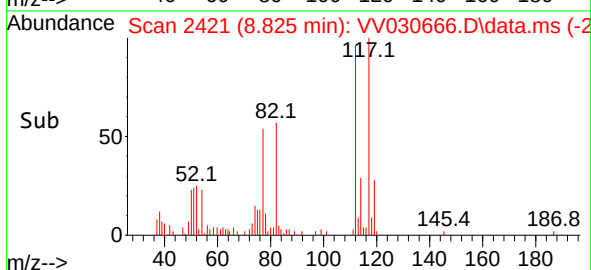
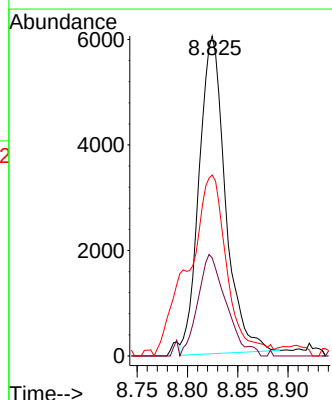
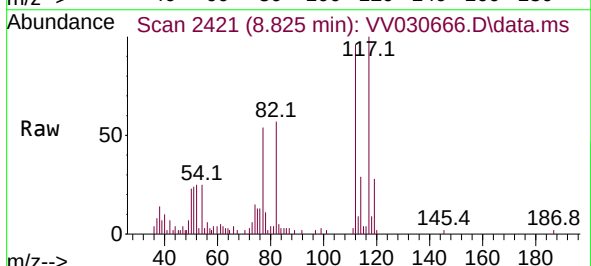
Tgt Ion: 112 Resp: 10934

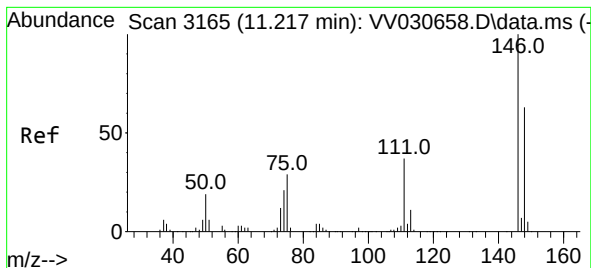
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 56.6 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 2.109 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

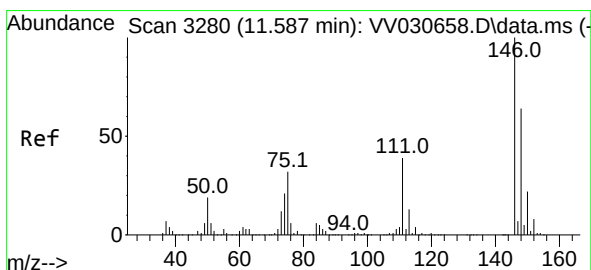
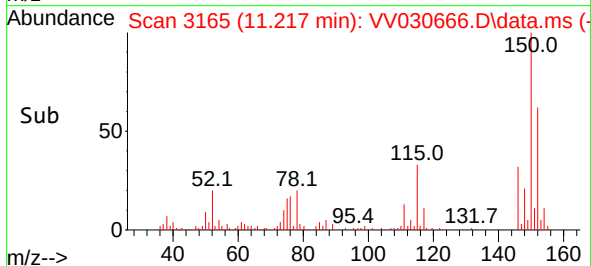
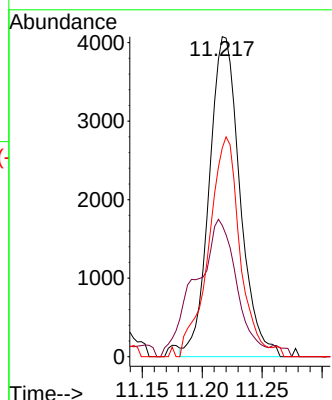
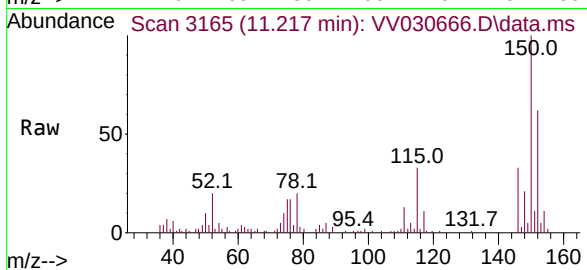
Tgt Ion:146 Resp: 7242

Ion Ratio Lower Upper

146 100

111 41.0 26.5 49.1

148 65.2 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 1.542 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Tgt Ion:146 Resp: 5064

Ion Ratio Lower Upper

146 100

111 44.1 32.0 48.0

148 62.1 50.6 76.0

