

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029991.D
 Acq On : 30 Jan 2023 15:02
 Operator : SY/MD
 Sample : 01314-24
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44Q7

Quant Time: Jan 31 02:19:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

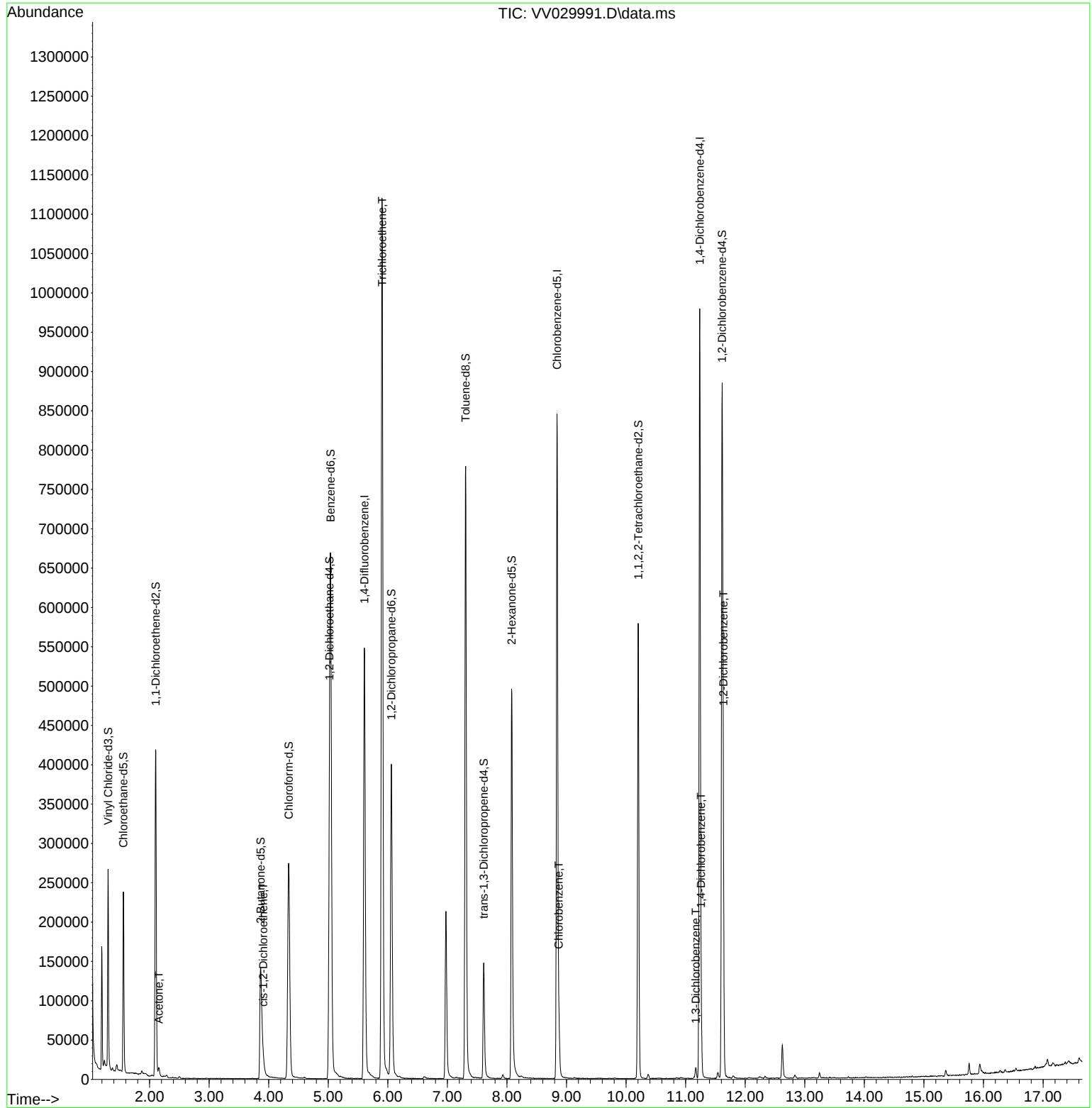
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	482561	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	471914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	258470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	160841	47.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.660%
7) Chloroethane-d5	1.561	69	146868	51.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	2.101	63	222493	37.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.480%
21) 2-Butanone-d5	3.863	46	227510	116.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.110%
24) Chloroform-d	4.336	84	288072	46.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
26) 1,2-Dichloroethane-d4	5.021	65	174846	49.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
32) Benzene-d6	5.040	84	622962	49.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	6.059	67	204815	52.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.400%
41) Toluene-d8	7.307	98	536888	46.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.609	79	89225	51.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.380%
47) 2-Hexanone-d5	8.079	63	187115	111.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.980%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	294321	48.938	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	11.609	152	215274	46.744	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	8801	3.719	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	6646	1.747	ug/L	99
34) Trichloroethene	5.905	95	403208	112.917	ug/L	96
51) Chlorobenzene	8.870	112	36217	3.480	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	5941	0.763	ug/L	95
65) 1,4-Dichlorobenzene	11.259	146	29031	3.597	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	129354	16.496	ug/L	99

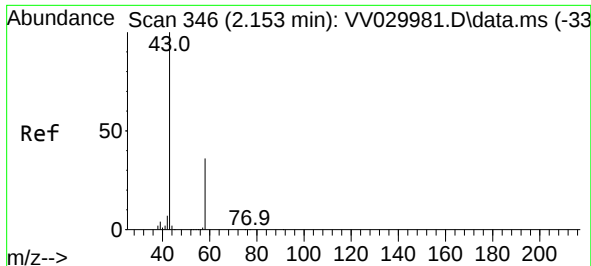
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 3.719 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029991.D

Acq: 30 Jan 2023 15:02

Instrument :

MSVOA_V

ClientSampleId :

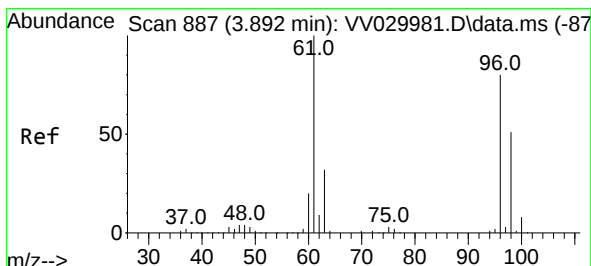
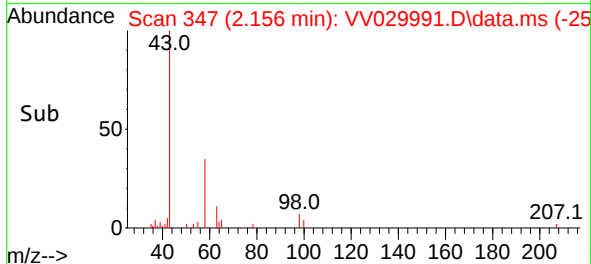
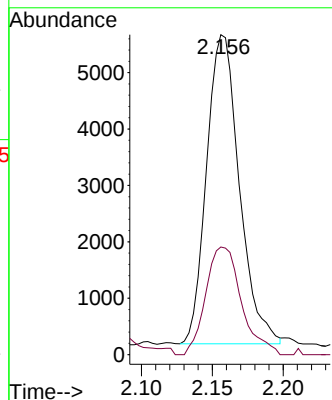
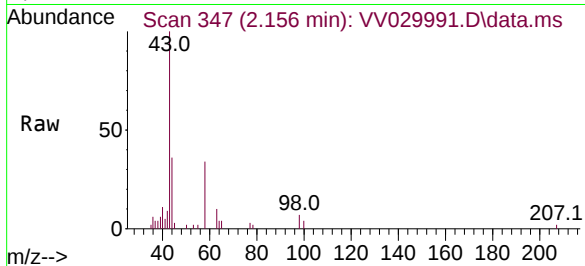
A44Q7

Tgt Ion: 43 Resp: 8801

Ion Ratio Lower Upper

43 100

58 37.8 0.0 76.0



#20

cis-1,2-Dichloroethene

Concen: 1.747 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.016 min

Lab File: VV029991.D

Acq: 30 Jan 2023 15:02

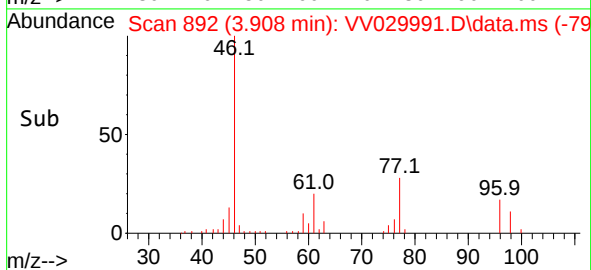
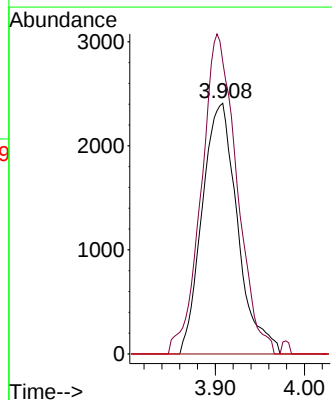
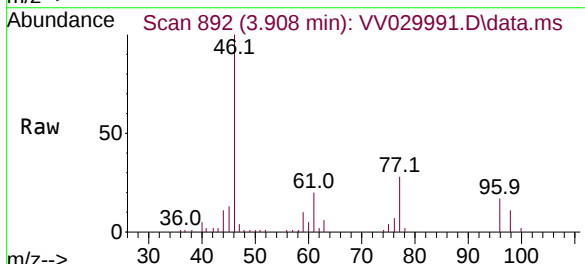
Tgt Ion: 96 Resp: 6646

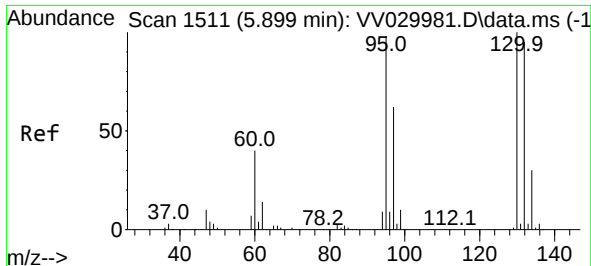
Ion Ratio Lower Upper

96 100

61 116.6 82.5 153.3

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 112.917 ug/L

RT: 5.905 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029991.D

Acq: 30 Jan 2023 15:02

Instrument :

MSVOA_V

ClientSampleId :

A44Q7

Tgt Ion: 95 Resp: 403208

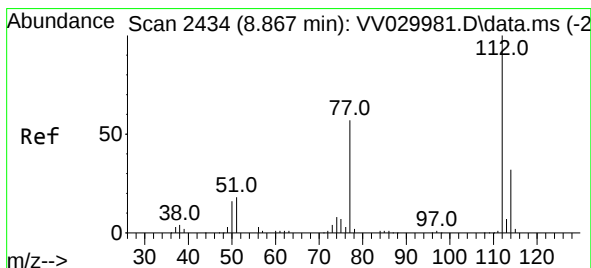
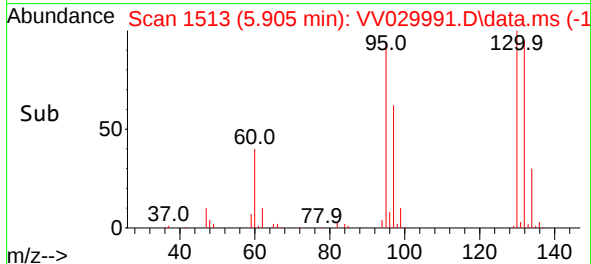
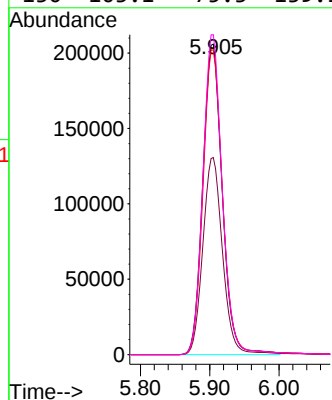
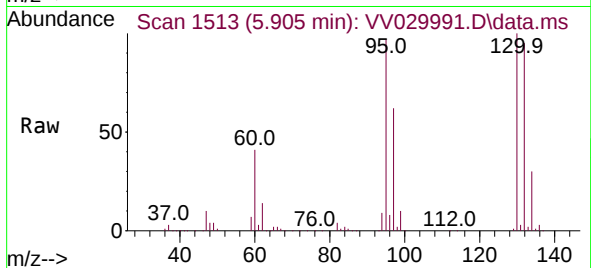
Ion Ratio Lower Upper

95 100

97 63.5 46.5 86.5

132 98.1 71.8 133.4

130 103.1 75.3 139.9



#51

Chlorobenzene

Concen: 3.480 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. 0.003 min

Lab File: VV029991.D

Acq: 30 Jan 2023 15:02

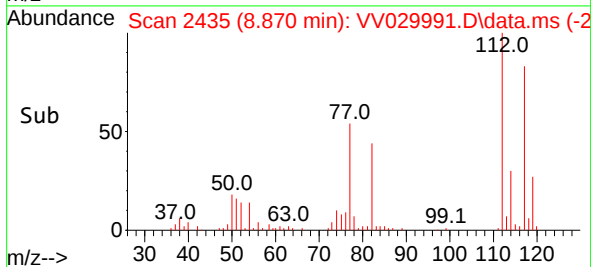
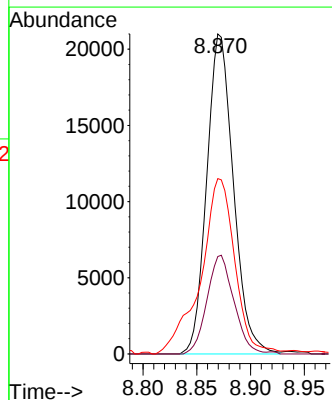
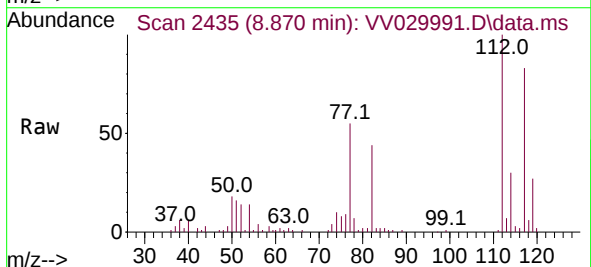
Tgt Ion: 112 Resp: 36217

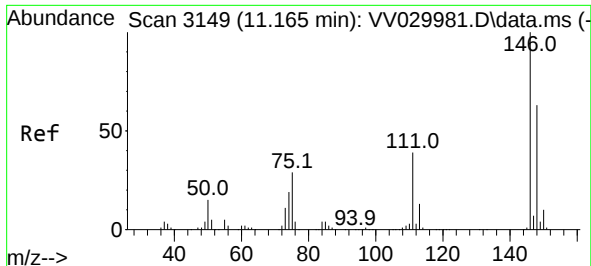
Ion Ratio Lower Upper

112 100

114 30.4 22.6 42.0

77 54.8 44.6 66.8

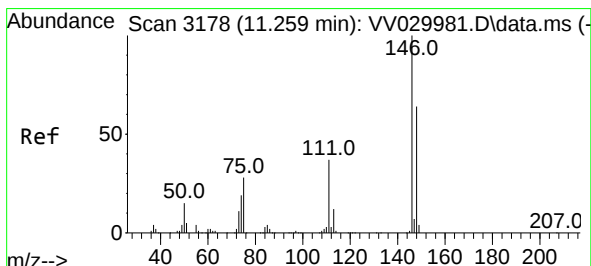
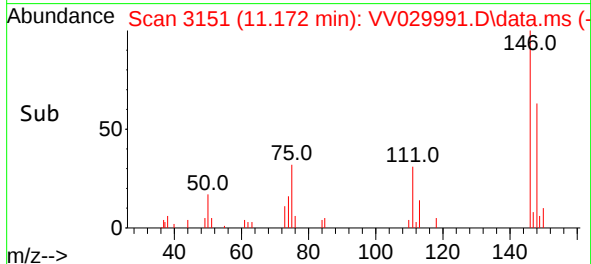
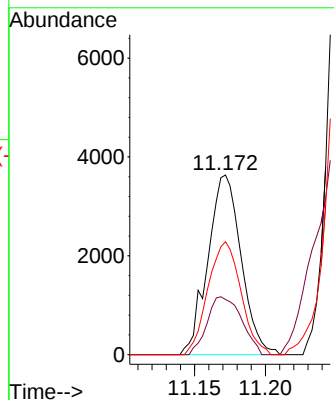
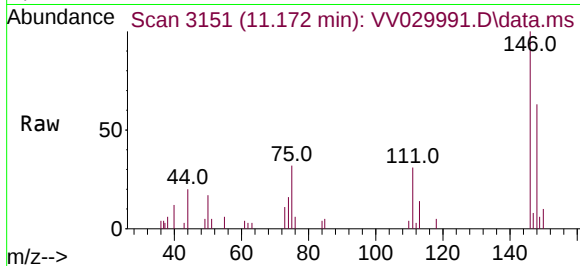




#64
1,3-Dichlorobenzene
Concen: 0.763 ug/L
RT: 11.172 min Scan# 3149
Delta R.T. 0.006 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

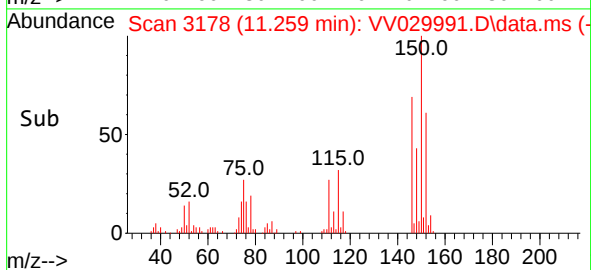
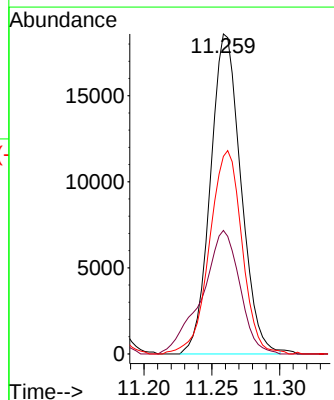
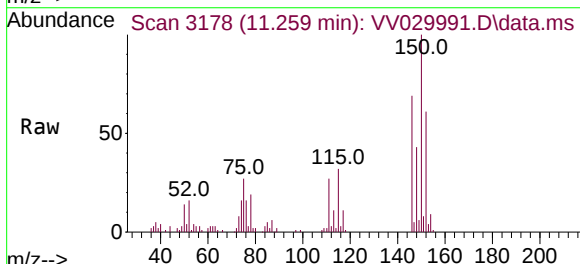
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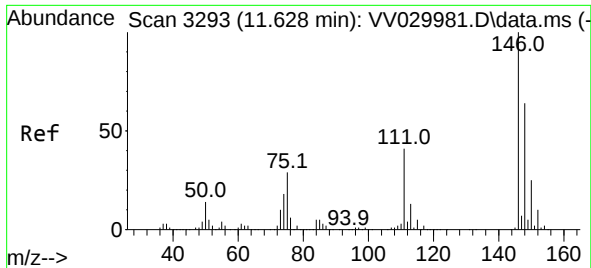
Tgt Ion:146 Resp: 5941
Ion Ratio Lower Upper
146 100
111 30.7 26.9 50.1
148 62.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 3.597 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

Tgt Ion:146 Resp: 29031
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 61.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 16.496 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029991.D

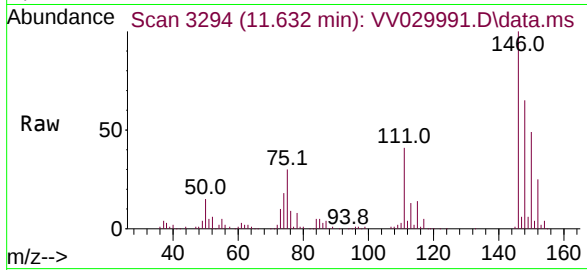
Acq: 30 Jan 2023 15:02

Instrument :

MSVOA_V

ClientSampleId :

A44Q7



Tgt Ion:146 Resp: 129354

Ion Ratio Lower Upper

146 100

111 41.1 32.7 49.1

148 65.0 51.0 76.4

