

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029991.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 :

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)

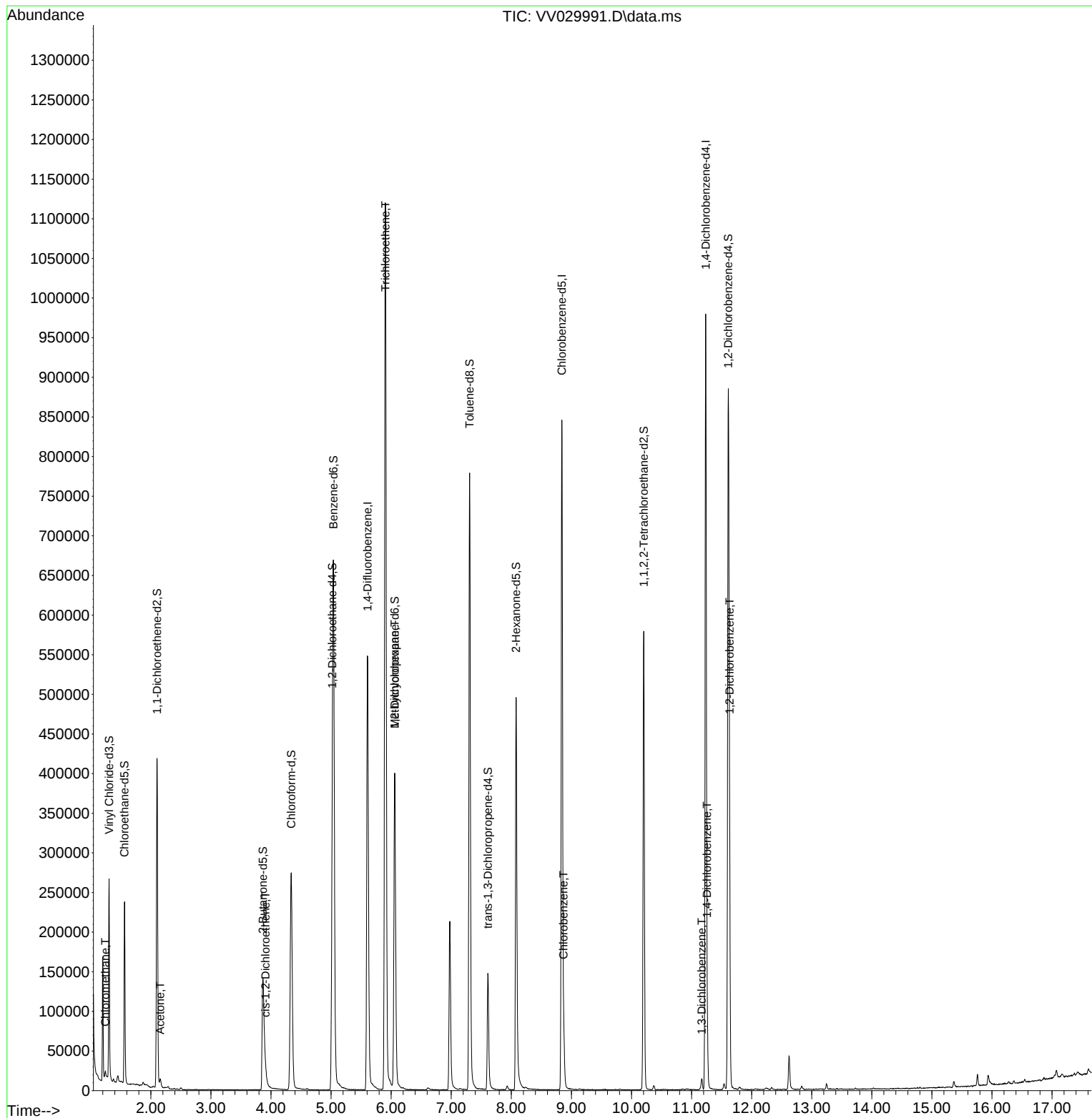
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	482561	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	471914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	258470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	160841	47.834	ug/L	0.00
Spiked Amount	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	
3) Chloromethane	1.243	50	6007	1.708	ug/L	95
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
35) Methylcyclohexane	6.059	83	46459	8.054	ug/L #	21
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

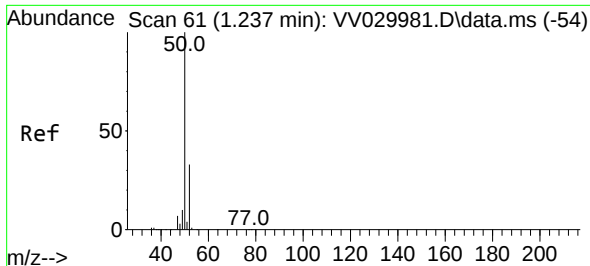
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 31 02:16:13 2023
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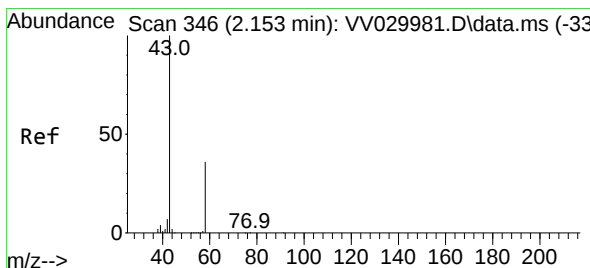
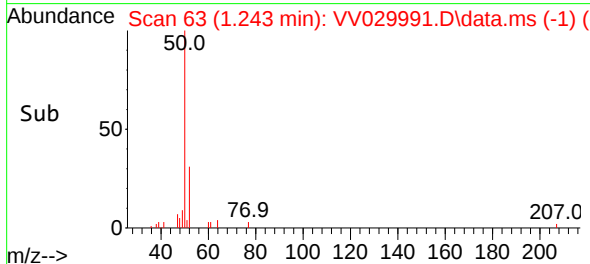
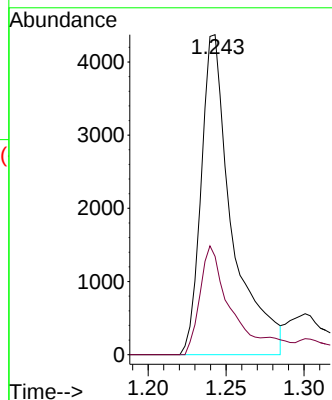
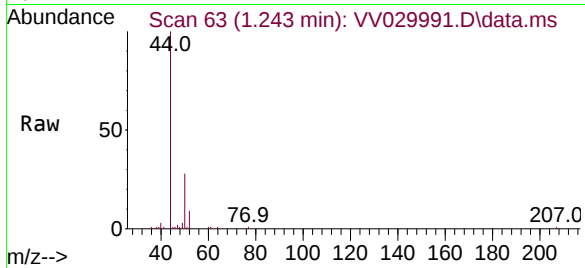




#3
Chloromethane
Concen: 1.708 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

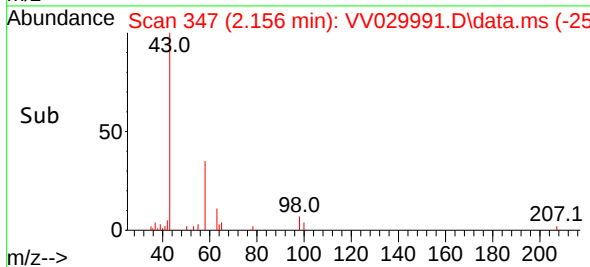
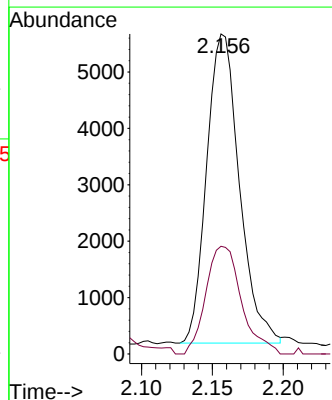
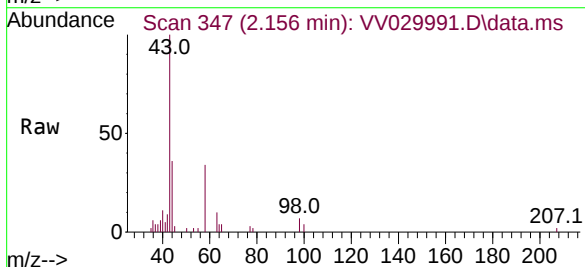
Instrument :
MSVOA_V
ClientSampleId :

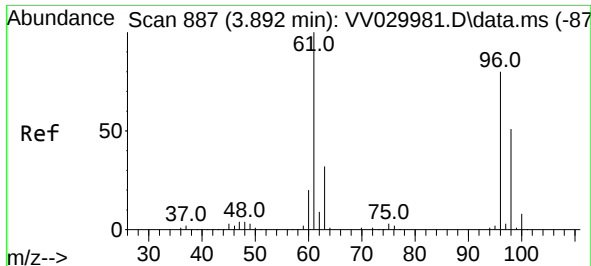
Tgt Ion: 50 Resp: 6007
Ion Ratio Lower Upper
50 100
52 30.7 23.4 43.4



#13
Acetone
Concen: 3.719 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.003 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

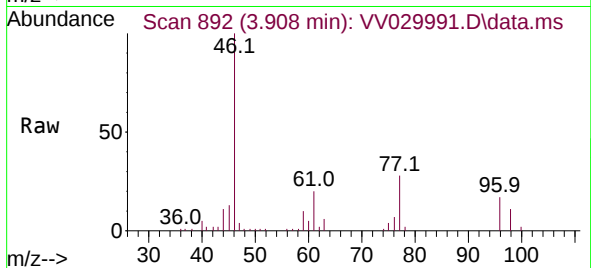
Tgt Ion: 43 Resp: 8801
Ion Ratio Lower Upper
43 100
58 37.8 0.0 76.0



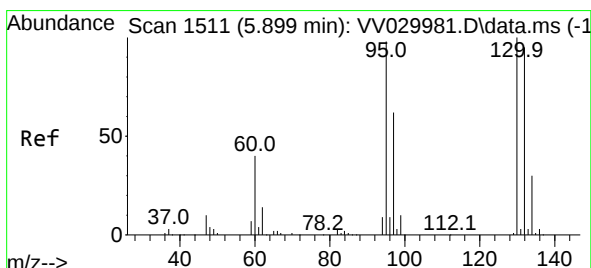
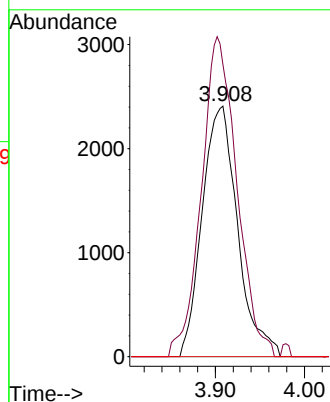
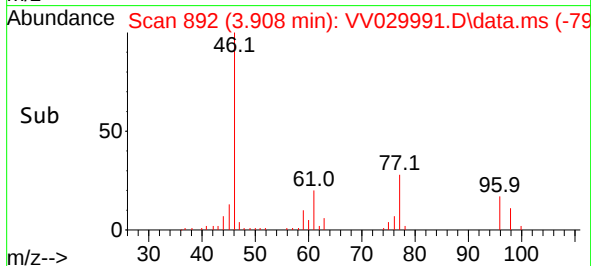


#20
cis-1,2-Dichloroethene
Concen: 1.747 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.016 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

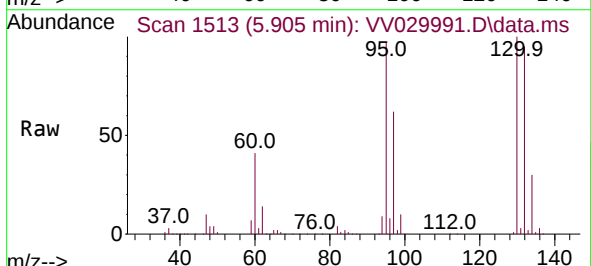
Instrument :
MSVOA_V
ClientSampleId :



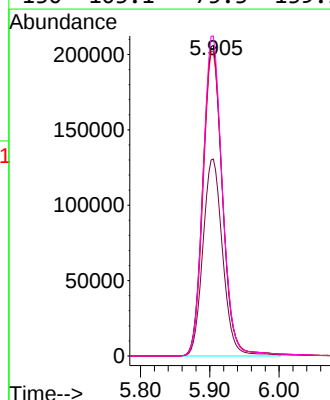
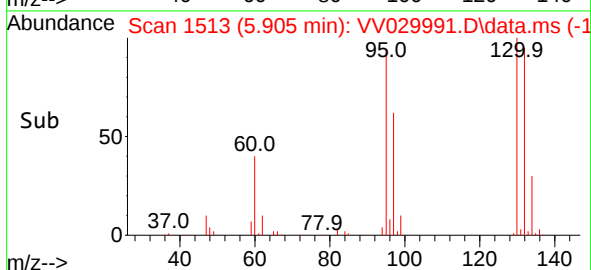
Tgt Ion: 96 Resp: 6646
Ion Ratio Lower Upper
96 100
61 116.6 82.5 153.3
68 0.0 0.0 0.0

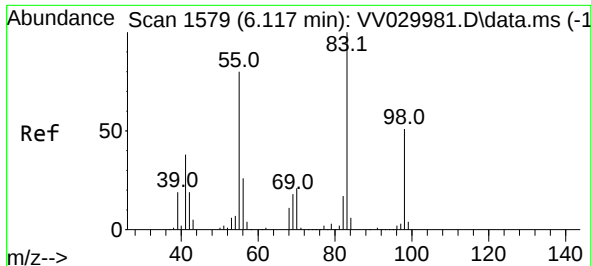


#34
Trichloroethene
Concen: 112.917 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02



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





#35

Methylcyclohexane

Concen: 8.054 ug/L

RT: 6.059 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029991.D

Acq: 30 Jan 2023 15:02

Instrument :

MSVOA_V

ClientSampleId :

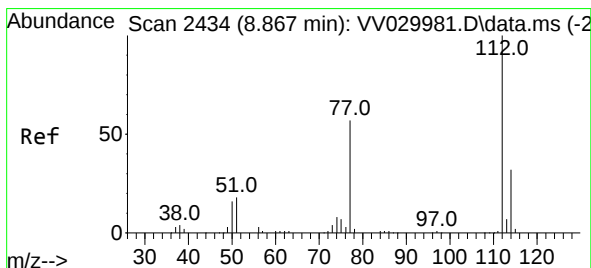
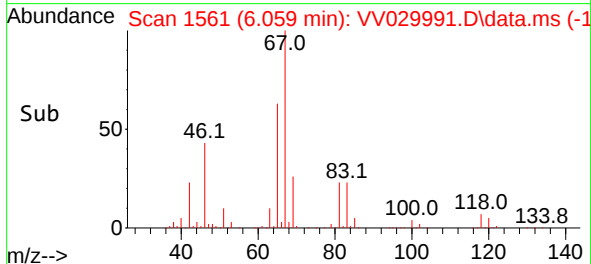
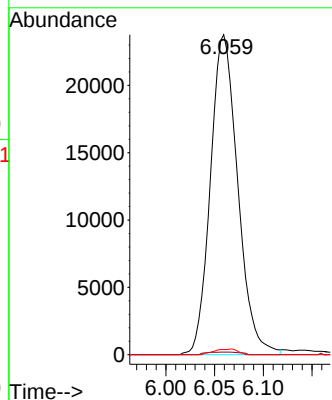
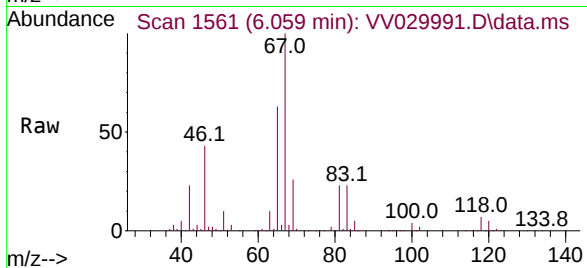
Tgt Ion: 83 Resp: 46459

Ion Ratio Lower Upper

83 100

55 0.1 56.2 84.2#

98 0.7 38.5 57.7#



#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

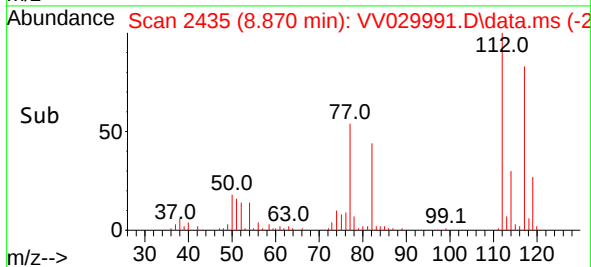
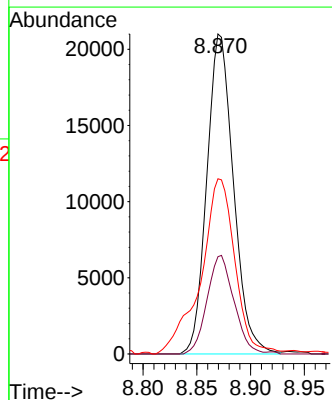
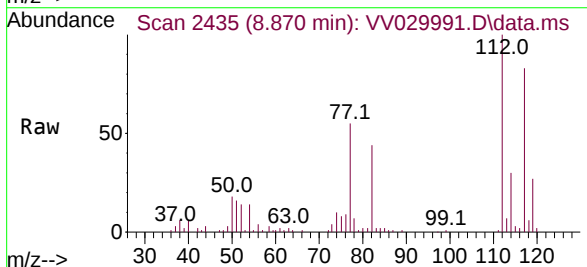
Tgt Ion: 112 Resp: 36217

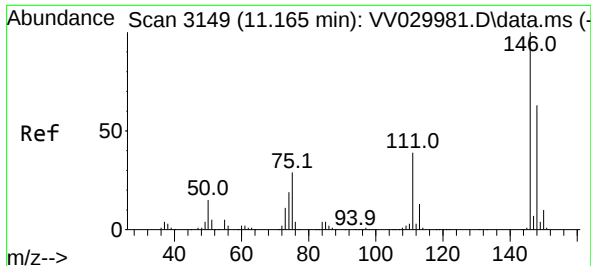
Ion Ratio Lower Upper

112 100

114 30.4 22.6 42.0

77 54.8 44.6 66.8

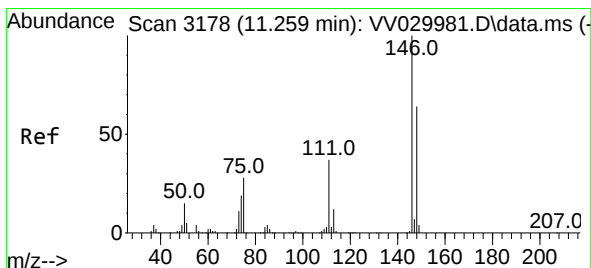
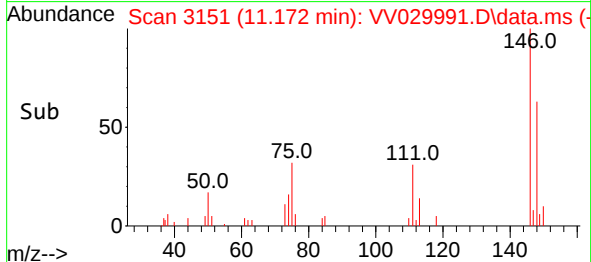
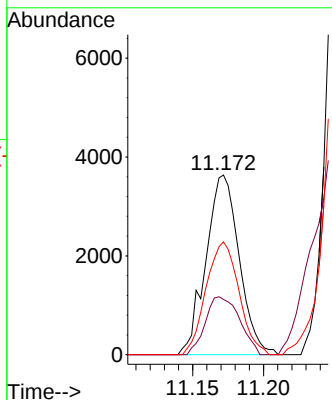
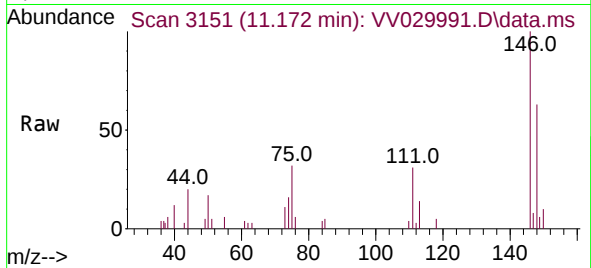




#64
1,3-Dichlorobenzene
Concen: 0.763 ug/L
RT: 11.172 min Scan# 3149
Delta R.T. 0.006 min
Lab File: VV029991.D
Acq: 30 Jan 2023 15:02

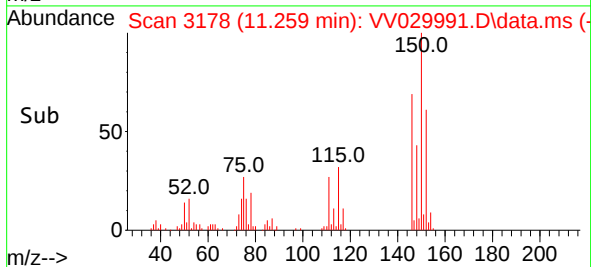
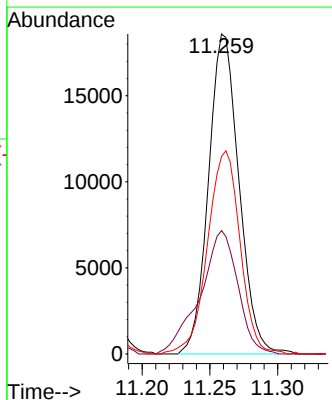
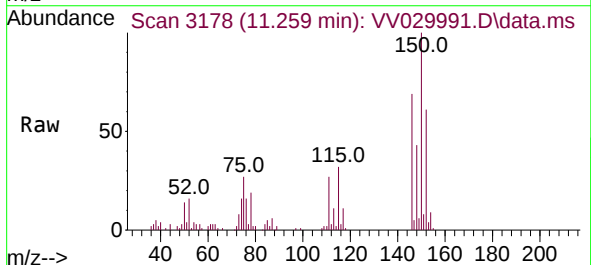
Instrument :
MSVOA_V
ClientSampleId :

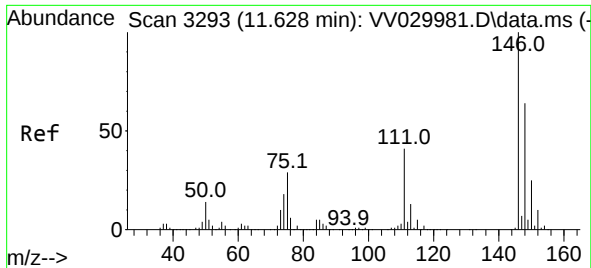
Tgt Ion:146 Resp: 5941
Ion Ratio Lower Upper
146 100
111 30.7 26.9 50.1
148 62.8 44.2 82.2



#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

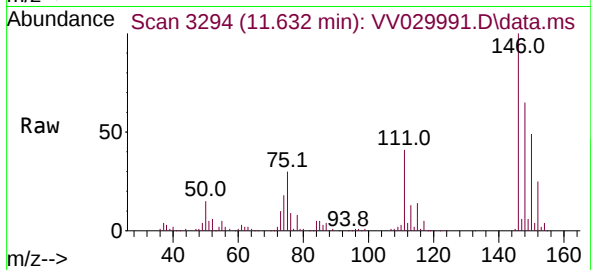
Tgt Ion:146 Resp: 29031
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 61.7 44.9 83.5





#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 :



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

