

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029501.D
 Acq On : 09 Dec 2022 02:25
 Operator : SY/MD
 Sample : N5915-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N12

Quant Time: Dec 09 04:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

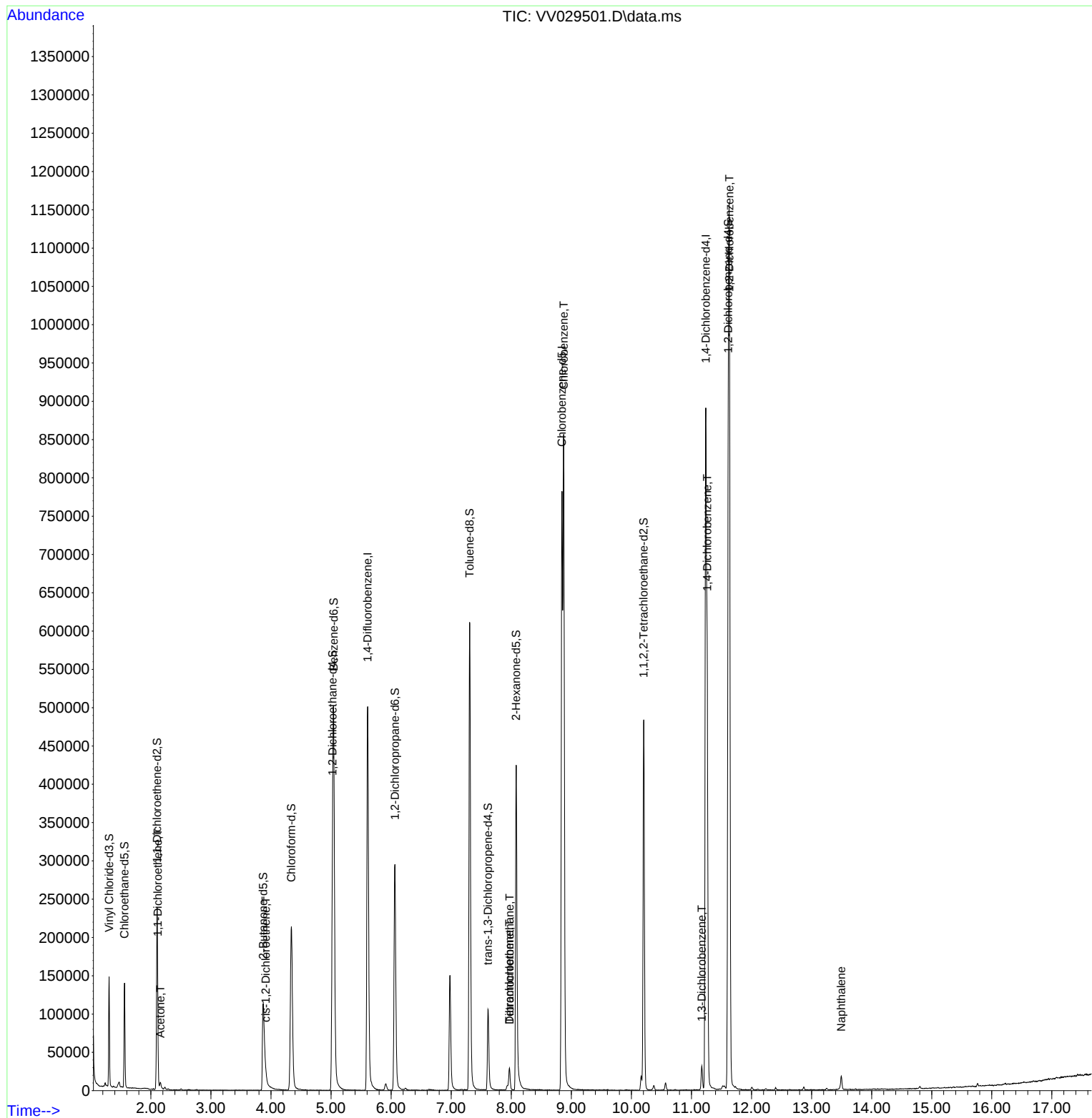
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	462306	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	443345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	230943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88505	31.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.520%
7) Chloroethane-d5	1.561	69	85680	39.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.380%
11) 1,1-Dichloroethene-d2	2.105	63	118756	26.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.780%#
21) 2-Butanone-d5	3.870	46	184282	106.709	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.710%
24) Chloroform-d	4.339	84	230295	43.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.460%
26) 1,2-Dichloroethane-d4	5.024	65	147139	48.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
32) Benzene-d6	5.043	84	473036	40.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	6.063	67	155548	43.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.940%
41) Toluene-d8	7.307	98	430864	39.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.080%#
43) trans-1,3-Dichloroprop...	7.612	79	66494	36.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.600%
47) 2-Hexanone-d5	8.082	63	162808	106.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.550%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	241346	47.199	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	194255	44.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	5523	2.235	ug/L #	1
13) Acetone	2.159	43	8361	7.432	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	4741	1.514	ug/L	90
46) Tetrachloroethene	7.969	164	6992	2.777	ug/L	94
49) Dibromochloromethane	7.973	129	6094	1.771	ug/L #	10
51) Chlorobenzene	8.873	112	477068	56.012	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	13680	2.063	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	225032	33.399	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	407975	60.179	ug/L	99
71) Naphthalene	13.493	128	17765	1.669	ug/L #	95

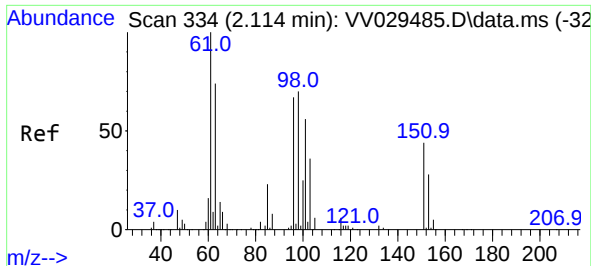
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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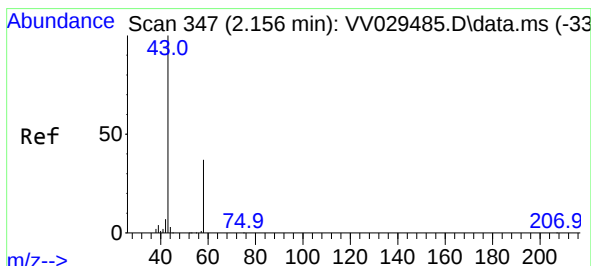
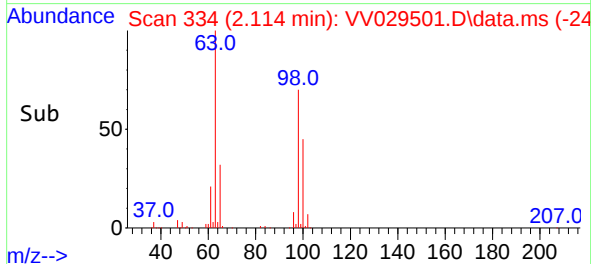
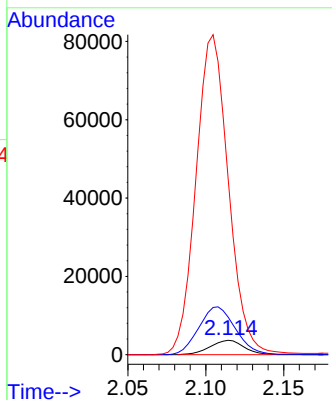
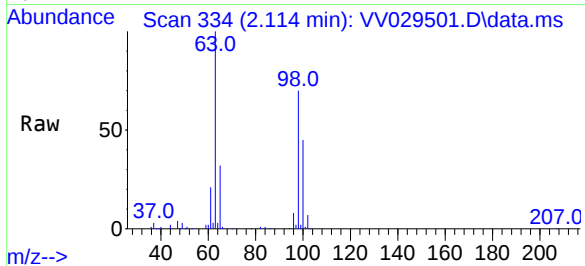




#12
1,1-Dichloroethene
Concen: 2.235 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV029501.D
Acq: 09 Dec 2022 02:25

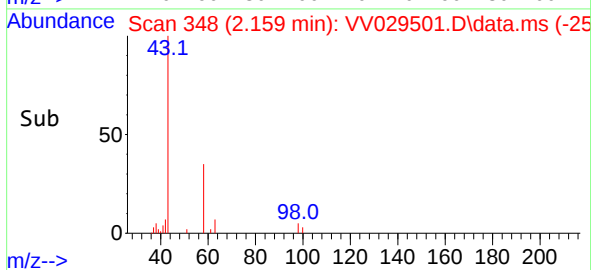
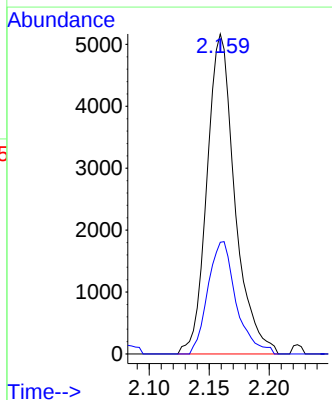
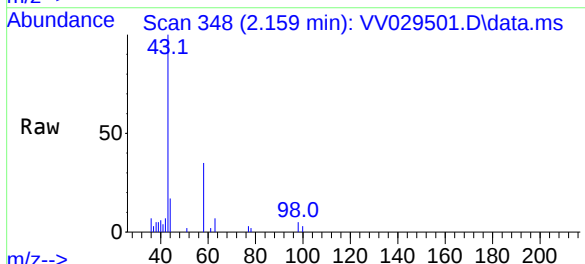
Instrument :
MSVOA_V
ClientSampleId :
F5N12

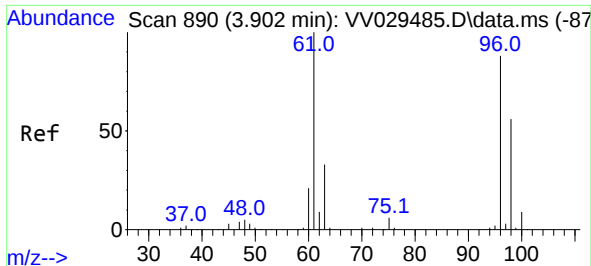
Tgt Ion: 96 Resp: 5523
Ion Ratio Lower Upper
96 100
61 261.6 103.3 191.9#
63 1227.2 77.3 143.7#



#13
Acetone
Concen: 7.432 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV029501.D
Acq: 09 Dec 2022 02:25

Tgt Ion: 43 Resp: 8361
Ion Ratio Lower Upper
43 100
58 35.3 0.0 74.8

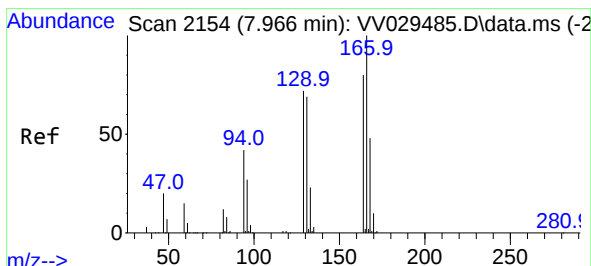
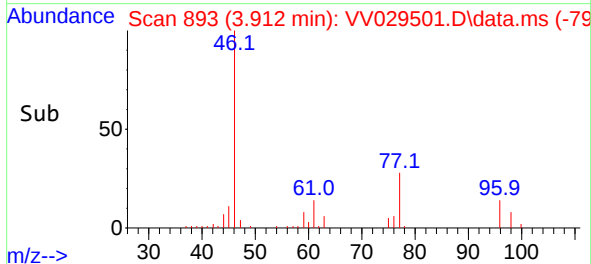
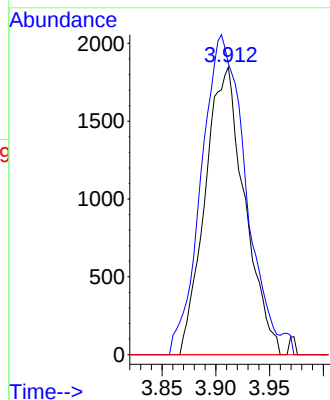
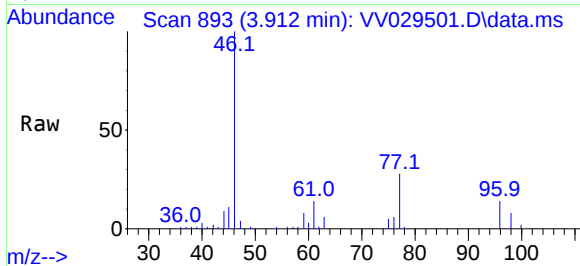




#20
 cis-1,2-Dichloroethene
 Concen: 1.514 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029501.D
 Acq: 09 Dec 2022 02:25

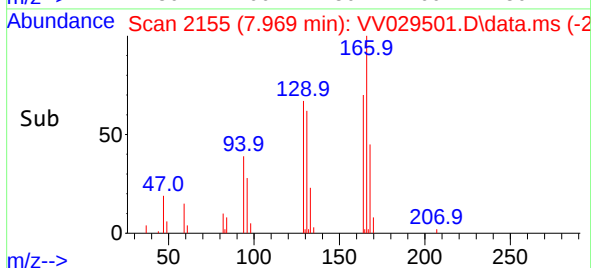
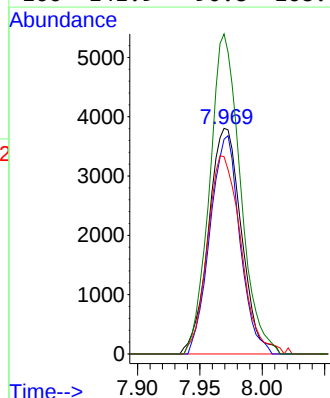
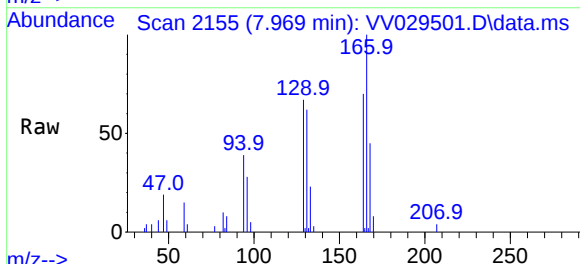
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N12

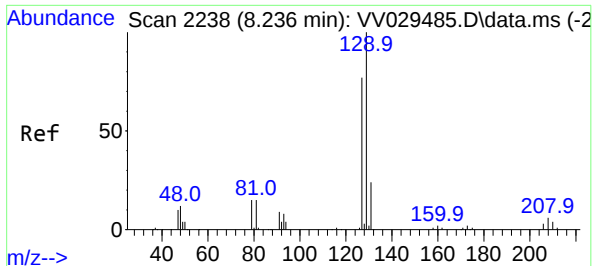
Tgt Ion: 96 Resp: 4741
 Ion Ratio Lower Upper
 96 100
 61 101.3 78.0 144.9
 68 0.0 0.0 0.0



#46
 Tetrachloroethene
 Concen: 2.777 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: VV029501.D
 Acq: 09 Dec 2022 02:25

Tgt Ion:164 Resp: 6992
 Ion Ratio Lower Upper
 164 100
 129 95.2 65.3 121.3
 131 87.4 63.1 117.1
 166 141.9 90.8 168.6





#49

Dibromochloromethane

Concen: 1.771 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.264 min

Lab File: VV029501.D

Acq: 09 Dec 2022 02:25

Instrument :

MSVOA_V

ClientSampleId :

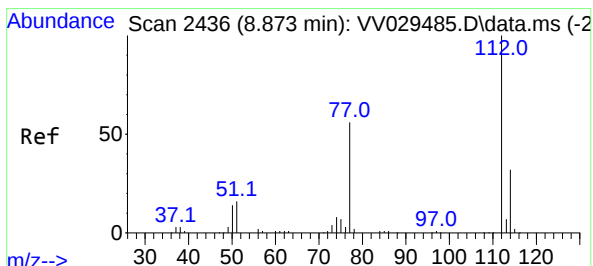
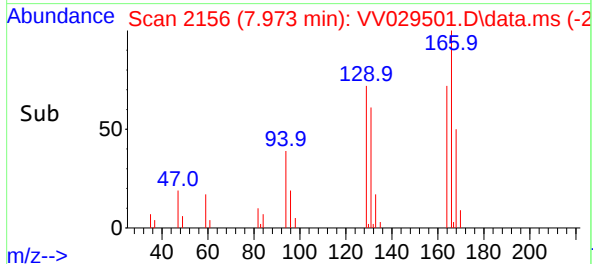
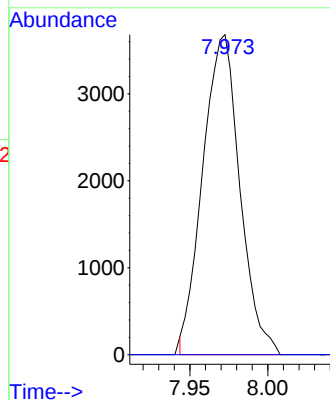
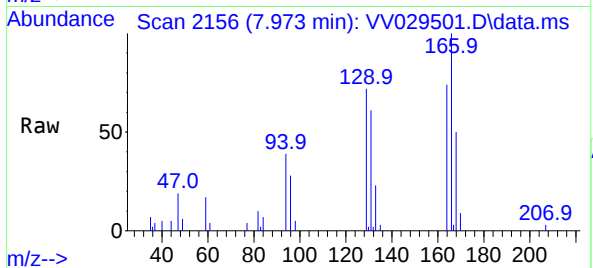
F5N12

Tgt Ion:129 Resp: 6094

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



#51

Chlorobenzene

Concen: 56.012 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029501.D

Acq: 09 Dec 2022 02:25

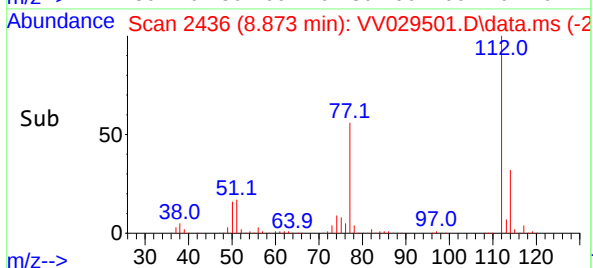
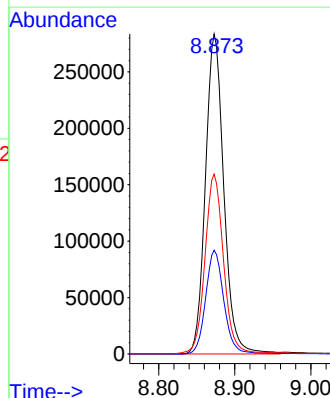
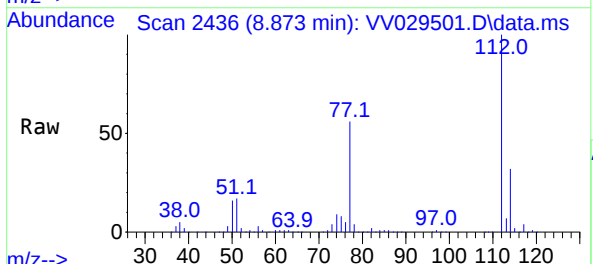
Tgt Ion:112 Resp: 477068

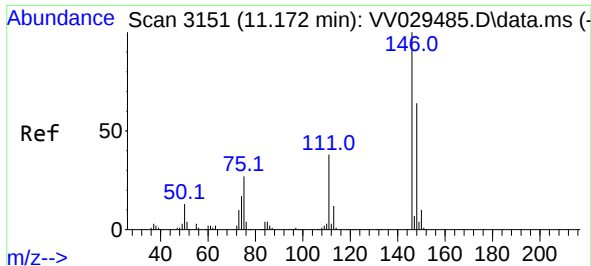
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.3

77 56.2 45.0 67.4

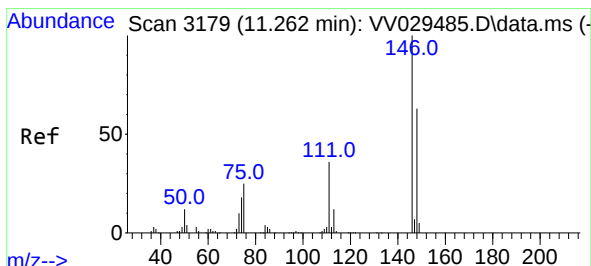
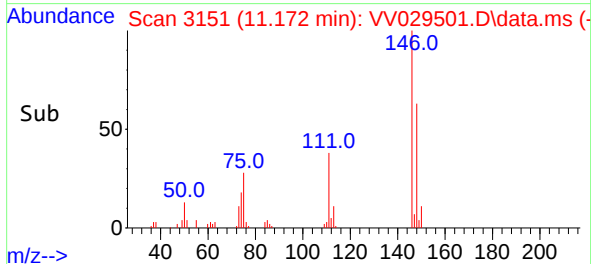
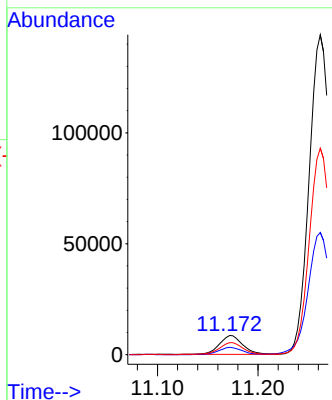
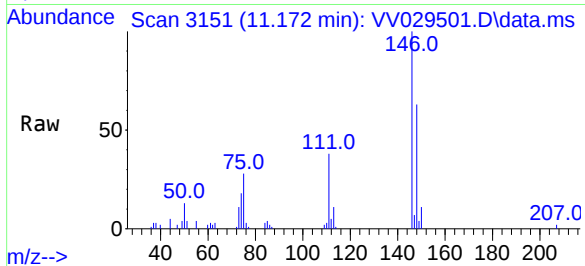




#64
1,3-Dichlorobenzene
Concen: 2.063 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029501.D
Acq: 09 Dec 2022 02:25

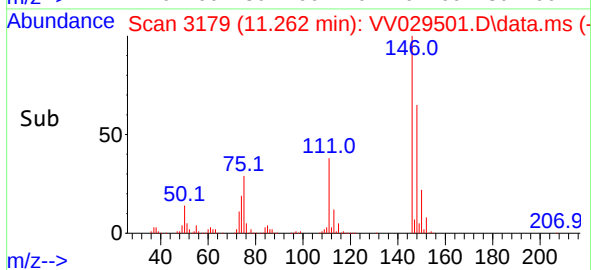
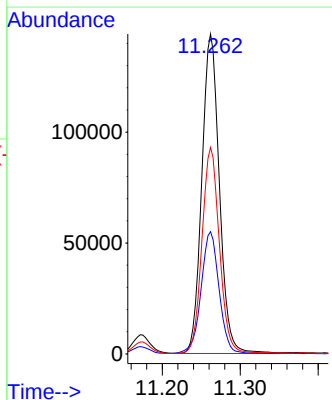
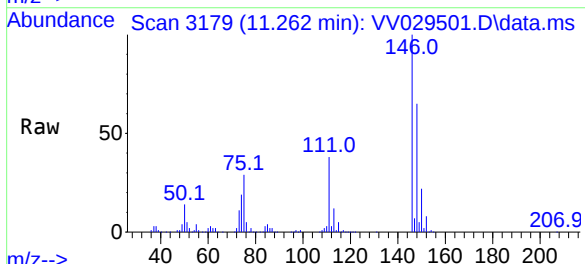
Instrument :
MSVOA_V
ClientSampleId :
F5N12

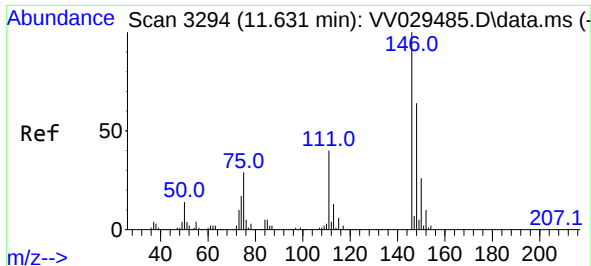
Tgt Ion:146 Resp: 13680
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 62.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 33.399 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029501.D
Acq: 09 Dec 2022 02:25

Tgt Ion:146 Resp: 225032
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.8
148 64.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 60.179 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029501.D

Acq: 09 Dec 2022 02:25

Instrument :

MSVOA_V

ClientSampleId :

F5N12

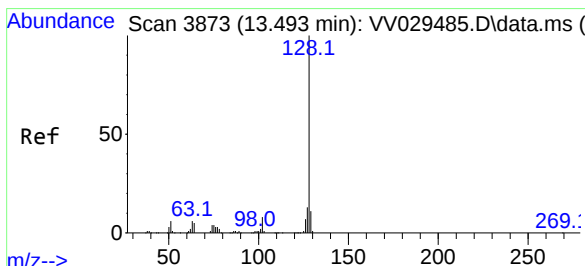
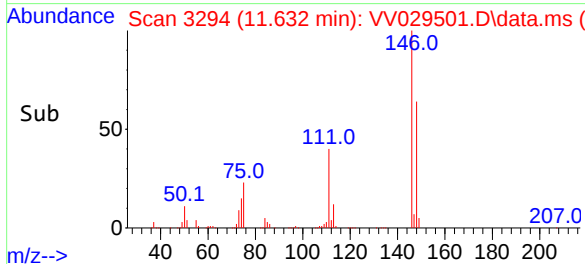
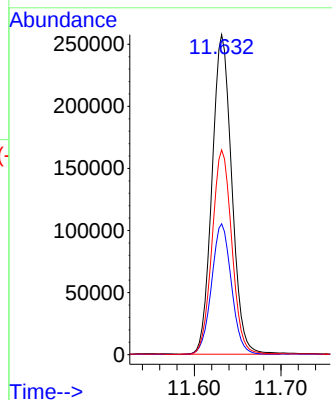
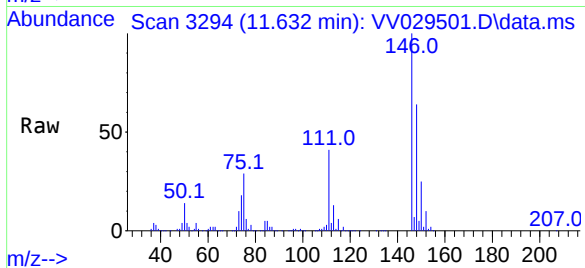
Tgt Ion:146 Resp: 407975

Ion Ratio Lower Upper

146 100

111 40.9 32.0 48.0

148 64.0 50.6 76.0



#71

Naphthalene

Concen: 1.669 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029501.D

Acq: 09 Dec 2022 02:25

Tgt Ion:128 Resp: 17765

Ion Ratio Lower Upper

128 100

127 9.5 10.2 15.4#

129 9.9 8.5 12.7

